



Viewpoint 3: Northbound view from A970



Viewpoint 4: Eastbound view from B9075



Viewpoint 5: Northbound View from junction of B9075 and A970

APPENDIX 6.1: BASELINE SOUND LEVEL DATA

	Measured Sound Pressure Level (Unfiltered) dB LAeq (t)									
Assessment Period	Daytime _{M - F}		Daytime _{Sat}		Evenings		Weekend		Night-time	
	Weekdays 07:00 - 19:00		Saturday 07:00 - 13:00		Weekdays 19:00 - 23:00		Saturday 13:00 – 23:00 & Sunday 07:00 to 23:00		All days 23:00 - 07:00	
	LAeq	t	LAeq	t	LAeq	t	LAeq	t	LAeq	t
27/06/2018	40	270			40	240			40.1	480
28/06/2018	44.7	720			41.8	240			39.2	480
29/06/2018	43.1	720			53.5	240			38.1	480
30/06/2018			40.6	360			44.2	600	39.6	480
01/07/2018							47.8	960	38.9	480
02/07/2018	39.6	720			45.5	240			36.7	480
03/07/2018	43.3	720			40.7	240			36.2	480
04/07/2018	43.2	720			38.6	240			38.6	480
05/07/2018	45.8	720			41.2	240			35.3	480
06/07/2018	41.3	720			39.3	240			35.9	480
07/07/2018			39.5	360			42	600	41.3	480
08/07/2018							42.9	960	36.4	480
09/07/2018	43	720			42.2	240			33.4	480
10/07/2018	39.5	720			46.9	240			33.3	480
11/07/2018	41.9	720			41.1	240			37.7	480
12/07/2018	47	720			41.5	240			36.3	480
13/07/2018	44.6	720			41.7	240			35.7	480
14/07/2018			43.9	360			45.5	600	41.6	480
15/07/2018							43.4	960	35.8	480
16/07/2018	43.7	720			37.5	240			37.4	480
17/07/2018	46.6	720			39.9	240			37.9	480
18/07/2018	41	680			40.2	240			35.7	480
19/07/2018	42.2	720			43.7	240			38.7	480
20/07/2018	41.2	720			42.4	240			38.7	480
21/07/2018			40.9	360			38.6	600	45.3	480
22/07/2018							44.4	960	39.6	480
23/07/2018	41.5	720			36.5	240			35.6	480
24/07/2018	50.4	720			39.8	240			40.6	480
25/07/2018	43	720			43.8	240			35.2	480
26/07/2018	41.1	720			37.9	240			36.9	480
27/07/2018	45.3	720			44.4	240			35.9	480
28/07/2018			45.8	360			45.4	600	42	480
29/07/2018							51.5	960	47.2	480
30/07/2018	45.4	720			40.7	240			36.5	480
31/07/2018	48.4	720			42.6	240			41.7	480
01/08/2018	44.8	720			38.8	240			36.2	480
02/08/2018	41.5	720			37.7	240			41.7	480
03/08/2018	40	720			39	240			34	480
04/08/2018			40.8	360			41.5	600	35.9	480
05/08/2018							45.7	960	42	480
06/08/2018	44.1	720			40.7	240			35.2	480
07/08/2018	45.2	720			39.1	240			38.9	480
08/08/2018	41.2	720			38.4	240			36.1	480
09/08/2018	48.3	720			38.5	240			39.4	480
10/08/2018	43.1	720			38.7	240			35	480
11/08/2018			42.6	360			41.2	600	39.8	480
12/08/2018							41.5	960	38.8	480
13/08/2018	44	720			41.7	240			34.5	480
14/08/2018	41.3	720			42.1	240			36.4	480
15/08/2018	46.9	720			41.5	240			37.8	480
16/08/2018	51.3	240								
Average LAeq(t)	44		42		41		44		38	

APPENDIX 6.2: SOURCE NOISE LEVEL DATA

Noise Source Level Data

Scenario 01 - Construction of access track and compound														
Point Sources														
Name	Operational time	63	125	250	500	1000	2000	4000	8000	A	lin	Source		
Dump Truck (tipping fill)	100%	113	102	106	101	101	102	95	91	107	114.8	C2.30 - BS 5228-1:2009+A1:2014: Annex C		
Articulated dump truck (tipping fill)	100%	108	104	101	98	97	94	91	86	102	110.6	C2.32 - BS 5228-1:2009+A1:2014: Annex C		
Concrete mixer truck	100%	111	102	94	97	98	106	88	83	108	112.9	C4.20 - BS 5228-1:2009+A1:2014: Annex C		
Poker vibrator	100%	90	98	98	92	90	89	87	84	96.7	102.5	C4.34 - BS 5228-1:2009+A1:2014: Annex C		
Lorry with lifting boom	100%	109	106	104	102	100	97	92	84	104.9	112.5	C4.53 - BS 5228-1:2009+A1:2014: Annex C		
Hand-held circular saw (petrol)	100%	112	114	106	106	105	106	110	108	114.6	118.6	C5.36 - BS 5228-1:2009+A1:2014: Annex C		
Tracked semi-mobile crusher	100%	119	119	116	115	113	111	106	96	118.1	124.3	C9.15 - BS 5228-1:2009+A1:2014: Annex C		
Line Sources (Moving Point Sources)														
Name	Speed (Km/h)	Number of movements per hour		63	125	250	500	1000	2000	4000	8000	A	lin	Source
Tracked Excavator	5	20		113	106	105	105	101	99	96	91	107	115.1	C2.14 - BS 5228-1:2009+A1:2014: Annex C
Dump Truck (empty)	15	10		114	107	107	107	107	112	97	88	114.7	117.9	C2.31 - BS 5228-1:2009+A1:2014: Annex C
Articulated dump truck	15	10		113	115	105	103	104	101	97	90	108.5	117.8	C2.33 - BS 5228-1:2009+A1:2014: Annex C
Vibratory roller	2	3		110	106	95	99	95	92	88	85	100.7	111.9	C2.40 - BS 5228-1:2009+A1:2014: Annex C
Road sweeper	10	1		108	103	97	103	99	95	89	86	103.8	110.8	C4.90 - BS 5228-1:2009+A1:2014: Annex C
Dozer	5	20		108	106	99	98	102	96	93	89	104.7	111.4	C5.12 - BS 5228-1:2009+A1:2014: Annex C
Grader	5	5		113	121	106	107	108	107	104	102	113.7	122.3	C6.31 - BS 5228-1:2009+A1:2014: Annex C
Lorry	15	10		121	107	104	102	101	100	97	94	106.9	121.4	C11.14 - BS 5228-1:2009+A1:2014: Annex C

Scenario 02 - Daytime operations														
Point Sources														
Name	Operational time	63	125	250	500	1000	2000	4000	8000	A	lin	Source		
Lorry with lifting boom	100%	109	106	104	102	100	97	92	84	104.9	112.5	C4.53 - BS 5228-1:2009+A1:2014: Annex C		
Diesel generator for site cabins	100%	108	102	85	82	81	76	73	65	89.4	109	C4.76 - BS 5228-1:2009+A1:2014: Annex C		
Diesel generator for lighting	100%	106	99	94	90	87	83	84	77	93.5	107.2	C4.86 - BS 5228-1:2009+A1:2014: Annex C		
Line Sources (Moving Point Sources)														
Name	Speed (Km/h)	Number of movements per hour		63	125	250	500	1000	2000	4000	8000	A	lin	Source
Lorry	15	10		121	107	104	102	101	100	97	94	106.9	121.4	C11.14 - BS 5228-1:2009+A1:2014: Annex C
Road sweeper	10	1		108	103	97	103	99	95	89	86	103.8	110.8	C4.90 - BS 5228-1:2009+A1:2014: Annex C
Tractor (towing equipment)	5	10		107	99	106	103	106	98	89	83	108.1	112.2	C4.74 - BS 5228-1:2009+A1:2014: Annex C

Scenario 03 - Night-time & evening operations													
Point Sources													
Name	Operational time	63	125	250	500	1000	2000	4000	8000	A	lin	Source	
Diesel generator for site cabins	100%	108	102	85	82	81	76	73	65	89.4	109	C4.76 - BS 5228-1:2009+A1:2014: Annex C	
Diesel generator for lighting	100%	106	99	94	90	87	83	84	77	93.5	107.2	C4.86 - BS 5228-1:2009+A1:2014: Annex C	