ENVIRONMENTAL IMPACT ASSESSMENT REPORT

The Burrow CFERM scheme

Appendix 7B

Volume 3

APPENDIX 7B
Construction Noise Assessment

Construction Noise Sensitive Receptors

Noise Construction Receptors

The construction noise receptor locations[1] are illustrated in Figure 7.B.1 with a list of their identification references (ID's), and location coordinates summarised in Table 7.B.1. The majority of construction noise receptors identified within the noise and vibration study area are residential properties.

Figure 7.B.1: Location of Construction Noise Sensitive Receptors and Locations of Proposed Construction Activity

[1] (N. B. Addresses of the construction noise receptors have not been included due to General Data Protection Regulations (GDPR) and publication of personal data).

Table 7.B.1: Noise Sensitive Receptors Details

ID	Construction Area	Distance (m)
1	Working Area	17.3
2	Working Area	28.2
3	Working Area	92.8
4	Working Area	57.7
5	Working Area	66.4
6	Working Area	81.2
7	Working Area	96.6
8	Working Area	133.3
9	Working Area	110.9
10	Working Area	176.9
11	Working Area	187.4
12	Working Area	190.6
13	Working Area	196.8
14	Working Area	200.5
15	Working Area	192.5
16	Working Area	178.6
17	Working Area	285.2
18	Working Area	288.5
19	Working Area	290.5
20	Working Area	292.3
21	Working Area	265.2
22	Working Area	275.6
23	Working Area	267.8
24	Working Area	258.8
25	Working Area	250.4
26	Working Area	242.6
27	Working Area	231.8
28	Working Area	228.0
29	Working Area	230.0
30	Working Area	232.0
31	Working Area	227.9
32	Working Area	218.7
33	Working Area	246.3
34	Working Area	237.4
35	Working Area	253.7
36	Working Area	246.4
37	Working Area	233.7
38	Working Area	215.1
39	Working Area	211.7
40	Working Area	227.4
41	Working Area	224.1
42	Working Area	207.8
43	Working Area	205.3
44	Working Area	201.8
45	Working Area	217.6

ID	Construction Area	Distance (m)
46	Working Area	198.3
47	Working Area	193.4
48	Working Area	192.7
49	Working Area	191.2
50	Working Area	191.8
51	Working Area	191.8
52	Working Area	210.7
53	Working Area	189.3
54	Working Area	184.0
55	Working Area	181.1
56	Working Area	177.6
57	Working Area	171.7
58	Working Area	172.6
59	Working Area	167.3
60	Working Area	166.3
61	Working Area	163.2
62	Working Area	161.8
63	Working Area	160.1
64	Working Area	159.5
65	Working Area	132.1
66	Working Area	122.0
67	Working Area	124.5
68	Working Area	124.9
69	Working Area	203.8
70	Working Area	208.6
71	Working Area	258.8
72	Working Area	197.8
73	Working Area	226.1
74	Working Area	355.8
75	Working Area	317.6
76	Working Area	311.2
77	Working Area	322.0
78	Working Area	346.9
79	Working Area	356.6
80	Working Area	390.4
81	Working Area	415.8
82	Working Area	410.6
83	Working Area	380.9
84	Working Area	408.1
85	Working Area	375.3
86	Working Area	384.9
87	Working Area	399.6
88	Working Area	388.5
89	Working Area	352.4
90	Working Area	381.4
91	Working Area	317.3
92	Working Area	278.5

ID	Construction Area	Distance (m)
93	Working Area	205.9
94	Working Area	210.2
95	Working Area	156.5
96	Working Area	122.9
97	Working Area	105.4
98	Working Area	86.7
99	Working Area	76.6
100	Working Area	80.4
101	Working Area	26.1
102	Working Area	32.5
103	Working Area	115.6
104	Working Area	129.1
105	Working Area	107.3
106	Working Area	77.9
107	Working Area	61.0
108	Working Area	47.6
109	Working Area	45.9
110	Working Area	60.6
111	Working Area	78.0
112	Working Area	89.9
113	Working Area	105.2
114	Working Area	103.6
115	Working Area	51.3
116	Working Area	54.4
117	Working Area	102.8
118	Working Area	56.4
119	Working Area	58.5
120	Working Area	95.3
121	Working Area	58.8
122	Working Area	36.2
123	Working Area	85.7
124	Working Area	59.2
125	Working Area	77.6
126	Working Area	46.2
127	Working Area	71.9
128	Working Area	66.7
129	Working Area	117.1
130	Working Area	140.9
131	Working Area	151.2
132	Working Area	75.1
133	Working Area	94.4
134	Working Area	116.0
135	Working Area	99.6
136	Working Area	74.3
137	Working Area	80.0
138	Working Area	53.2
139	Working Area	109.8

ID	Construction Area	Distance (m)
140	Working Area	55.2
141	Working Area	41.8
142	Working Area	18.7
143	Working Area	11.5
144	Working Area	31.0
145	Working Area	74.5
146	Working Area	136.0
147	Working Area	162.1
148	Working Area	83.6
149	Working Area	81.5
150	Working Area	91.2
151	Working Area	111.4
152	Working Area	128.4
153	Working Area	113.1
154	Working Area	117.6
155	Working Area	156.7
156	Working Area	185.0
157	Working Area	181.1
158	Working Area	149.1
159	Working Area	206.7
160	Working Area	205.0
161	Working Area	202.4
162	Working Area	200.5
163	Working Area	199.2
164	Working Area	198.5
165	Working Area	178.0
166	Working Area	177.2
167	Working Area	178.2
168	Working Area	201.4
169	Working Area	192.3
170	Working Area	182.8
171	Working Area	171.8
172	Working Area	158.1
173	Working Area	153.0
174	Working Area	135.6
175	Working Area	160.1
176	Working Area	150.4
177	Working Area	140.3
178	Working Area	131.5
179	Working Area	114.9
180	Working Area	111.7
181	Working Area	138.6
182	Working Area	129.1
183	Working Area	108.3
184	Working Area	256.3
185	Working Area	207.2
186	Working Area	215.1

ID	Construction Area	Distance (m)
187	Working Area	202.9
188	Working Area	171.8
189	Working Area	193.0
190	Working Area	220.0
191	Working Area	246.9
192	Working Area	257.6
193	Working Area	104.4
194	Working Area	105.3
195	Working Area	94.5
196	Working Area	80.2
197	Working Area	55.0
198	Working Area	44.4
199	Working Area	28.9
200	Working Area	19.4
201	Working Area	32.0
202	Working Area	24.0
203	Working Area	24.4
204	Working Area	15.7
205	Working Area	28.4
206	Working Area	56.9
207	Working Area	31.5
208	Working Area	42.6
209	Working Area	50.9
210	Working Area	68.3
211	Working Area	41.0
212	Working Area	87.6
213	Working Area	95.1
214	Working Area	132.4
215	Working Area	112.2
216	Working Area	95.5
217	Working Area	57.6
218	Working Area	24.0
219	Working Area	26.8
220	Working Area	93.4
221	Working Area	135.7
222	Working Area	149.7
223	Working Area	209.7
224	Working Area	199.7
225	Working Area	129.4
226	Working Area	67.6
227	Working Area	12.8
228	Working Area	6.3
229	Working Area	10.6
230	Working Area	9.9
231	Working Area	3.3
232	Working Area	16.8
233	Working Area	14.4

ID	Construction Area	Distance (m)
234	Working Area	2.8
235	Working Area	27.8
236	Working Area	41.1
237	Working Area	40.4
238	Working Area	36.6
239	Working Area	40.6
240	Working Area	93.1
241	Working Area	122.1
242	Working Area	131.0
243	Working Area	142.1
244	Working Area	126.7
245	Working Area	146.7
246	Working Area	155.2
247	Working Area	154.5
248	Working Area	180.7
249	Working Area	223.5
250	Working Area	200.7
251	Working Area	223.5
252	Working Area	215.1
253	Working Area	201.7
254	Working Area	226.2
255	Working Area	249.3
256	Working Area	189.2
257	Working Area	120.5
258	Working Area	94.7
259	Working Area	126.5
260	Working Area	131.2
261	Working Area	130.8
262	Working Area	148.5
263	Working Area	77.0
264	Working Area	14.7
265	Working Area	262.6
266	Working Area	266.9
267	Working Area	270.6
268	Working Area	46.3
269	Working Area	33.4
270	Working Area	32.8
271	Working Area	72.8
272	Working Area	90.5
273	Working Area	179.9
274	Working Area	251.0
275	Working Area	276.1
276	Working Area	244.4
277	Working Area	231.6
278	Working Area	268.8
279	Working Area	264.9
280	Working Area	233.8

ID	Construction Area	Distance (m)
281	Working Area	176.0
282	Working Area	181.3
283	Working Area	175.7
284	Working Area	147.3
285	Working Area	117.0
286	Working Area	112.4
287	Working Area	106.6
288	Working Area	84.3
289	Working Area	59.9
290	Working Area	34.7
291	Working Area	40.0
292	Working Area	23.6
293	Working Area	24.4
294	Working Area	36.5
295	Working Area	43.4
296	Working Area	27.8
297	Working Area	30.7
298	Working Area	72.3
299	Working Area	89.1
300	Working Area	123.3
301	Working Area	144.8
302	Working Area	163.1
303	Working Area	205.8
304	Working Area	281.5
305	Working Area	202.3
306	Working Area	140.0
307	Working Area	325.8
308	Working Area	367.3
309	Working Area	331.7
310	Working Area	388.1
311	Working Area	484.6
312	Working Area	471.7
313	Working Area	455.1
314	Working Area	450.2
315	Working Area	435.9
316	Working Area	361.6
317	Working Area	344.8
318	Working Area	329.7
319	Working Area	312.6
320	Working Area	296.0
321	Working Area	277.5
322	Working Area	339.0
323	Working Area	329.3
324	Working Area	309.3
325	Working Area	298.7
326	Working Area	281.9
327	Working Area	271.1

ID	Construction Area	Distance (m)
328	Working Area	313.0
329	Working Area	300.4
330	Working Area	282.0
331	Working Area	270.7
332	Working Area	246.5
333	Working Area	225.3
334	Working Area	213.4
335	Working Area	217.2
336	Working Area	162.7
337	Working Area	147.4
338	Working Area	130.4
339	Working Area	114.4
340	Working Area	97.1
341	Working Area	88.2
342	Working Area	90.0
343	Working Area	119.1
344	Working Area	128.4
345	Working Area	147.7
346	Working Area	158.9
347	Working Area	177.8
348	Working Area	179.4
349	Working Area	175.8
350	Working Area	172.0
351	Working Area	124.1
352	Working Area	116.6
353	Working Area	89.2
354	Working Area	44.8
355	Working Area	10.8
356	Working Area	30.9
357	Working Area	170.5
358	Working Area	166.1
359	Working Area	161.2
360	Working Area	206.4
361	Working Area	202.4
362	Working Area	238.1
363	Working Area	234.7
364	Working Area	202.9
365	Working Area	195.7
366	Working Area	227.1
367	Working Area	236.3
368	Working Area	244.5
369	Working Area	236.8
370	Working Area	215.7
371	Working Area	207.6
372	Working Area	198.3
373	Working Area	229.4
374	Working Area	220.0

ID	Construction Area	Distance (m)
375	Working Area	208.7
376	Working Area	199.5
377	Working Area	183.2
378	Working Area	192.7
379	Working Area	205.5
380	Working Area	214.1
381	Working Area	337.7
382	Working Area	347.0
383	Working Area	354.4
384	Working Area	386.7
385	Working Area	393.4
386	Working Area	400.7
387	Working Area	409.4
388	Working Area	417.4
389	Working Area	426.4
390	Working Area	404.8
391	Working Area	397.0
392	Working Area	389.6
393	Working Area	381.1
394	Working Area	372.9
395	Working Area	366.1
396	Working Area	361.7
397	Working Area	479.8
398	Working Area	448.3
399	Working Area	426.2
400	Working Area	423.8
401	Working Area	446.1
402	Working Area	470.7
403	Working Area	27.1
404	Working Area	37.0
405	Working Area	52.7
406	Working Area	62.6
407	Working Area	80.2
408	Working Area	90.9
409	Working Area	108.8
410	Working Area	118.7
411	Working Area	138.5
412	Working Area	147.9
413	Working Area	162.3
414	Working Area	159.2
415	Working Area	154.0
416	Working Area	202.8
417	Working Area	201.6
418	Working Area	194.6
419	Working Area	191.2
420	Working Area	188.7
421	Working Area	187.1

ID	Construction Area	Distance (m)
422	Working Area	244.3
423	Working Area	242.6
424	Working Area	235.7
425	Working Area	233.4
426	Working Area	229.7
427	Working Area	228.5
428	Working Area	166.6
429	Working Area	155.1
430	Working Area	135.2
431	Working Area	136.8
432	Working Area	99.4
433	Working Area	99.6
434	Working Area	103.3
435	Working Area	108.4
436	Working Area	92.5
437	Working Area	80.3
438	Working Area	62.4
439	Working Area	60.8
440	Working Area	55.4
441	Working Area	51.4
442	Working Area	50.4
443	Working Area	66.6
444	Working Area	78.8
445	Working Area	106.2
446	Working Area	122.0
447	Working Area	138.2
448	Working Area	118.4
449	Working Area	78.2
450	Working Area	84.0
451	Working Area	78.7
452	Working Area	75.1
453	Working Area	85.5
454	Working Area	104.2
455	Working Area	170.3
456	Working Area	169.2
457	Working Area	166.3
458	Working Area	166.7
459	Working Area	165.5
460	Working Area	165.7
461	Working Area	163.4
462	Working Area	162.6
463	Working Area	77.1
464	Working Area	73.0
465	Working Area	67.5
466	Working Area	64.7
467	Working Area	63.9
468	Working Area	65.0

ID	Construction Area	Distance (m)
469	Working Area	76.5
470	Working Area	98.1
471	Working Area	184.0
472	Working Area	213.8
473	Working Area	379.7
474	Working Area	391.5
475	Working Area	374.8
476	Working Area	332.6
477	Working Area	334.6
478	Working Area	335.4
479	Working Area	334.6
480	Working Area	336.6
481	Working Area	337.6
482	Working Area	344.2
483	Working Area	333.5
484	Working Area	324.3
485	Working Area	314.3
486	Working Area	305.0
487	Working Area	293.3
488	Working Area	284.7
489	Working Area	293.0
490	Working Area	282.6
491	Working Area	269.5
492	Working Area	254.1
493	Working Area	240.3
494	Working Area	238.3
495	Working Area	241.6
496	Working Area	249.8
497	Working Area	258.1
498	Working Area	209.0
499	Working Area	214.9
500	Working Area	220.2
501	Working Area	228.0
502	Working Area	237.4
503	Working Area	265.5
504	Working Area	257.1
505	Working Area	249.5
506	Working Area	240.9
507	Working Area	232.9
508	Working Area	218.4
509	Working Area	206.5
510	Working Area	184.7
511	Working Area	163.4
512	Working Area	138.1
513	Working Area	169.3
514	Working Area	158.8
515	Working Area	145.0

ID	Construction Area	Distance (m)
516	Working Area	133.8
517	Working Area	121.1
518	Working Area	113.0
519	Working Area	100.4
520	Working Area	28.7

Construction Noise Distances

The construction noise receptor distances to each of the proposed works are illustrated in Table 7.B.2 – Table 7.B.5.

Table 7.B.2: Distance from Construction Noise Receptors to Flood Wall

ID	Distance (m)
1	1137.9
5	1132.6
3	1188.9
4	1040.5
6	1014.5
7	985.3
8	953.3
9	928.2
10	964.7
11	1163.0
12	1158.0
13	1149.4
14	1142.8
15	1135.4
16	1119.8
17	1110.2
18	1139.7
19	1133.4
20	1127.4
21	1121.1
22	1123.5
23	1110.2
24	1105.9
25	1100.4
26	1097.2
27	1093.0
28	1109.6
29	1097.8
30	1087.5
31	1075.5
32	1061.9
33	1061.3
34	1030.1
35	1025.4
36	1002.1
37	996.6
38	999.5
39	985.8
40	993.2
41	1008.0
42	1017.2
43	1002.4
44	1009.3
45	1019.0
46	1032.8

ID	Distance (m)
47	1029.8
48	1062.5
49	1072.8
50	1081.6
51	1090.9
52	1099.3
53	973.2
54	991.3
55	1002.6
56	1009.6
57	1019.4
58	1031.5
59	1040.8
60	1047.4
61	1055.9
62	1062.9
63	1070.0
64	1079.6
65	1090.3
66	1101.3
67	1120.0
68	1177.4
69	988.3
70	917.6
71	881.8
72	868.6
73	846.0
74	816.8
75	954.1
76	783.4
77	728.1
78	740.4
79	747.7
80	686.6
81	653.6
82	636.4
83	626.2
84	595.8
85	640.6
86	644.5
87	666.6
88	692.1
89	702.9
90	690.7
91	729.6
92	748.5
93	746.5

ID	Distance (m)
94	720.9
95	756.1
96	683.0
97	729.8
98	768.6
99	738.2
99	723.1
101	710.7
102	752.3
103	719.3
104	659.1
105	616.0
106	631.3
107	662.5
108	675.0
109	662.2
110	649.8
111	588.0
112	573.0
113	561.9
114	549.5
115	544.3
116	590.7
117	583.4
118	536.6
119	577.3
120	571.8
120	530.1
122	566.1
123	578.8
124	522.4
125	560.4
126	514.9
127	548.0
128	508.3
129	502.9
130	455.4
131	417.8
132	404.0
133	486.9
134	462.4
135	433.6
136	448.9
137	473.9
138	463.4
139	486.4
140	429.5

ID	Distance (m)
141	479.9
142	492.5
143	516.9
144	513.2
145	492.1
146	458.0
147	402.3
148	378.3
149	439.1
150	432.0
151	407.6
152	421.2
153	402.0
154	385.6
155	376.6
156	335.8
157	311.1
158	327.3
159	371.5
160	276.6
161	284.0
162	290.4
163	296.2
164	304.0
165	318.5
166	290.4
167	297.2
168	312.4
169	339.0
170	333.7
171	327.4
172	320.0
173	312.9
174	297.5
175	286.7
176	269.2
177	232.0
178	253.3
179	246.5
180	238.4
181	243.7
182	300.1
183	295.1
184	283.7
185	480.9
186	433.9
187	429.4

ID	Distance (m)
188	417.4
189	382.5
190	403.7
191	430.6
192	457.5
193	468.1
194	315.2
195	334.9
196	309.1
197	295.2
198	271.7
199	261.8
200	247.0
201	237.5
202	257.3
203	234.6
204	221.1
205	199.7
206	187.5
207	181.5
208	163.2
209	133.6
210	146.3
211	140.8
212	82.2
213	126.5
214	168.9
215	197.1
216	121.9
217	105.3
218	68.1
219	44.8
220	34.7
221	101.6
222	145.1
223	156.9
224	269.4
225	266.6
226	335.4
227	399.5
228	477.0
229	469.8
230	447.8
231	473.8
232	455.8
233	442.4
234	476.4

ID	Distance (m)
235	467.6
236	439.0
237	432.3
238	427.4
239	423.2
240	418.3
241	373.3
242	341.1
243	327.7
244	315.3
245	336.2
246	317.6
247	308.8
248	305.1
249	279.0
250	237.5
251	206.5
252	228.7
253	244.8
254	262.2
255	230.7
256	253.2
257	328.7
258	353.8
259	389.9
260	395.7
261	403.1
262	418.7
263	428.8
264	486.6
265	514.0
266	291.8
267	296.7
268	302.3
269	516.7
270	545.7
271	555.9
272	509.3
273	519.8
274	418.4
275	346.3
276	339.1
277	374.2
278	399.6
279	391.3
280	408.7
281	439.5

ID	Distance (m)
282	443.1
283	460.9
284	479.1
285	504.2
286	506.3
287	520.9
288	535.2
289	567.9
290	580.4
291	566.1
292	573.9
293	594.2
294	605.2
295	605.4
296	624.2
297	642.1
298	662.8
299	599.9
300	599.9
301	558.3
302	541.2
303	524.9
304	510.5
305	445.8
306	540.4
307	578.8
308	335.3
309	379.4
310	344.1
311	398.6
312	495.1
313	482.5
314	466.2
315	574.9
316	550.3
317	576.0
318	591.3
319	603.8
320	618.3
321	631.6
322	644.3
323	566.7
324	574.4
325	586.6
326	594.7
327	610.4
328	618.5

ID	Distance (m)
329	555.0
330	564.5
331	580.8
332	589.7
333	613.0
334	647.0
335	637.7
336	622.4
337	638.2
338	658.9
339	676.1
340	693.1
344	714.5
347	732.3
345	747.3
348	706.7
349	700.5
351	693.3
343	686.1
346	664.4
342	655.6
341	646.5
350	644.0
352	640.3
353	664.4
354	680.3
355	753.1
356	787.0
357	879.3
358	745.0
359	731.0
360	716.1
361	708.4
362	691.6
363	689.2
364	674.5
365	761.0
366	768.0
367	764.3
368	774.7
369	783.7
370	808.8
371	811.8
372	803.1
373	792.8
374	863.6
375	855.1

ID	Distance (m)
376	844.3
377	835.4
378	853.5
380	861.8
381	872.9
379	880.4
382	795.1
383	812.3
384	828.4
385	846.1
386	861.4
387	876.6
388	893.1
389	908.2
390	924.9
391	930.3
392	918.0
393	904.8
394	889.7
395	874.1
396	859.0
397	848.0
398	1184.5
399	1164.0
400	1150.0
401	1179.4
402	1192.9
403	1213.7
404	998.5
405	1008.1
406	1023.2
407	1031.4
408	1043.6
409	1053.5
410	1069.6
411	1077.6
412	1092.7
414	1100.9
417	1124.9
419	1137.8
449	1155.7
2	1135.4
418	1150.9
426	1165.6
420	1179.9
422	1192.6
423	1203.9

ID	Distance (m)
427	1158.5
429	1173.8
431	1187.5
433	1200.9
435	1213.1
437	1225.8
438	1214.5
439	1205.3
440	1177.6
441	1164.8
442	1152.3
443	1143.2
444	1125.8
445	1113.1
446	1091.1
447	1083.9
448	1077.0
450	1089.3
451	1099.8
452	1113.7
453	1122.9
454	1139.3
455	1147.2
456	1199.7
457	1214.0
458	1228.5
459	1240.1
460	1210.0
413	1233.5
415	1253.6
416	1270.9
428	1290.4
424	1300.8
430	1254.5
432	1266.3
461	1275.0
434	1289.9
436	1300.2
421	1311.7
425	1323.7
462	1334.3
463	1347.1
464	1372.7
465	1404.0
466	1430.4
467	1450.9
468	1476.6

ID	Distance (m)
469	1517.2
470	1523.2
471	1573.3
472	1592.2
473	1681.8
474	1748.8
475	1738.3
476	1729.3
477	1737.3
478	1744.7
479	1748.8
480	1755.5
481	1763.3
482	1778.2
483	1772.0
484	1765.4
485	1758.6
486	1751.6
487	1742.1
488	1737.1
489	1629.9
489	1682.8
490	1673.3
491	1663.9
493	1656.9
494	1665.4
495	1675.1
496	1689.3
497	1701.4
498	1638.6
499	1649.3
500	1660.5
501	1672.2
502	1685.4
503	1721.5
504	1715.7
505	1710.6
506	1705.1
507	1699.4
508	1685.4
509	1675.0
510	1654.0
511	1610.3
512	1595.3
513	1638.5
514	1628.6
515	1615.4

ID	Distance (m)
516	1605.4
517	1592.9
518	1586.2
519	1574.1
520	1500.1

Table 7.B.3: Distance from Construction Noise Receptors to Proposed Flood Embankment

ID	Distance (m)
1	23.1
2	1162.2
3	100.3
4	80.3
5	35.4
6	102.4
7	125.8
8	147.1
9	182.9
10	155.9
11	178.7
12	188.7
13	191.3
14	197.0
15	200.6
16	193.1
17	179.7
18	286.7
19	291.0
20	294.1
21	297.1
22	267.9
23	281.6
24	274.1
25	265.8
26	257.6
27	250.2
28	235.1
29	233.6
30	238.2
31	243.2
32	242.1
33	232.8
34	267.6
35	259.6
36	280.2
37	273.9
38	261.0
39	245.5
40	240.8
41	253.2
42	248.0
43	235.1
44	231.2
45	225.6

ID	Distance (m)
46	238.3
47	219.6
48	206.4
49	202.7
50	198.6
51	196.8
52	195.0
53	243.8
54	219.8
55	212.1
56	207.6
57	201.8
58	192.9
59	191.2
60	184.0
61	180.3
62	174.9
63	171.1
64	166.3
65	163.0
66	132.8
67	122.3
68	129.5
69	161.3
70	247.1
71	256.8
72	304.7
73	250.9
74	279.4
75	387.9
76	367.9
77	364.7
78	374.8
79	398.2
80	410.1
81	443.9
82	459.6
83	447.2
84	416.6
85	467.0
86	474.4
87	480.8
88	451.7
89	440.5
90	486.8
91	443.2
92	487.6

ID	Distance (m)
93	523.0
94	574.3
95	585.8
96	547.0
97	597.7
98	639.8
99	612.8
99	600.5
101	588.4
102	638.8
103	607.9
104	536.6
105	499.0
106	517.7
107	550.6
108	565.5
109	560.7
110	552.7
111	509.1
112	492.2
113	480.2
114	465.6
115	463.7
116	515.5
117	510.1
118	460.2
119	506.0
120	502.2
120	456.9
122	499.4
123	519.5
124	453.1
125	497.3
126	449.7
127	489.9
128	446.6
129	444.9
130	391.5
131	361.5
132	351.1
133	431.1
134	408.7
135	386.8
136	403.3
137	428.2
138	424.8
139	453.1

ID	Distance (m)
140	398.3
141	453.9
142	476.4
143	500.4
144	509.8
145	488.7
146	440.9
147	373.8
148	347.5
149	435.6
150	428.6
151	404.5
152	407.4
153	394.5
154	382.4
155	373.7
156	333.0
157	307.9
158	323.7
159	367.8
160	273.2
161	280.5
162	286.7
163	292.4
163	292.4
164	300.0
164	300.0
165	305.5
166	283.4
167	283.7
168	286.1
169	310.4
170	300.5
171	290.9
172	280.0
173	266.1
174	261.1
175	243.8
176	264.1
177	228.0
177	228.0
178	243.9
179	234.9
180	218.9
181	217.3
182	246.3
183	236.5

ID	Distance (m)
184	215.0
185	309.3
186	265.8
187	251.4
188	239.7
189	201.1
189	201.1
190	222.3
190	222.3
191	249.2
191	249.2
192	275.9
192	275.9
193	286.2
194	134.3
194	134.3
195	177.3
196	134.5
197	122.0
198	103.9
199	96.8
200	86.3
201	79.2
202	140.3
203	130.5
204	131.4
205	121.9
206	125.9
207	149.0
208	97.3
209	59.2
210	105.2
211	119.6
212	45.5
213	115.3
214	163.0
215	193.0
215	193.0
216	117.9
216	117.9
217	101.0
218	63.2
219	29.7
220	32.7
221	99.5
222	141.8
223	155.7

ID	Distance (m)
224	266.6
225	264.5
226	333.8
227	398.1
228	475.5
229	468.8
230	446.9
231	473.1
232	455.2
233	441.8
234	476.1
235	468.2
236	440.1
237	433.2
238	427.9
239	422.8
240	417.3
241	376.1
242	343.9
243	329.9
244	317.0
245	336.5
246	318.0
247	309.3
248	305.0
249	279.9
250	237.9
251	207.3
252	231.2
253	247.6
254	265.6
255	236.4
256	261.9
257	335.5
258	357.3
259	393.9
260	401.8
261	409.9
262	426.1
263	437.2
264	493.6
265	519.2
266	301.5
267	306.7
268	312.7
269	523.1
270	551.7

ID	Distance (m)
271	562.4
272	516.4
273	527.7
274	427.7
275	356.9
276	351.8
277	385.3
278	410.5
279	406.2
280	423.8
281	452.1
282	452.6
283	470.7
284	489.2
285	513.9
286	514.9
287	529.8
288	544.3
289	577.1
290	589.1
291	573.2
292	581.6
293	601.9
294	613.3
295	613.9
296	633.3
297	651.1
298	672.2
299	609.4
300	609.8
301	568.5
302	551.8
303	535.9
304	525.9
305	471.1
306	557.9
307	590.4
308	451.7
309	494.0
309	494.0
310	458.4
310	458.4
311	515.5
312	612.2
313	598.4
314	579.3
315	647.9

ID	Distance (m)
316	620.2
317	633.9
318	647.0
319	657.5
320	669.7
321	680.8
322	690.9
323	619.3
324	625.7
325	634.8
326	641.4
327	655.1
328	661.8
329	600.2
330	607.9
331	621.9
332	629.3
333	650.2
334	683.7
335	670.5
336	653.7
337	656.3
338	676.4
339	693.1
340	709.7
341	670.7
342	682.8
343	713.1
344	731.3
345	767.0
346	692.7
347	750.0
348	727.5
349	722.6
350	666.1
351	718.8
352	653.3
353	677.6
354	691.7
355	763.8
356	797.9
357	891.2
358	777.9
359	762.8
360	746.3
361	746.0
362	727.6

ID	Distance (m)
363	731.2
364	715.2
365	799.0
366	804.9
367	805.8
368	817.4
369	827.4
370	851.1
371	851.3
372	841.5
373	830.0
374	903.8
375	894.3
376	882.3
377	872.4
378	887.9
379	917.8
380	897.2
381	909.5
382	851.1
383	869.0
384	885.6
385	906.7
386	922.2
387	937.6
388	954.5
389	969.7
390	986.7
391	989.2
392	976.6
393	963.3
394	947.9
395	932.0
396	916.6
397	905.5
398	1240.4
399	1217.8
400	1202.3
401	1229.6
402	1244.7
403	1266.6
404	1012.8
405	1023.1
406	1039.1
407	1048.0
408	1061.6
409	1072.2

ID	Distance (m)
410	1089.4
411	1098.1
412	1114.6
413	1244.0
414	1123.4
415	1263.8
416	1280.9
417	1147.3
418	1176.2
419	1159.1
420	1202.4
421	1324.2
422	1213.9
423	1224.1
424	1311.0
425	1335.7
426	1189.4
427	1188.6
428	1300.5
429	1202.5
430	1269.9
431	1214.6
432	1281.1
433	1226.9
434	1303.4
435	1237.7
436	1313.2
437	1249.3
438	1231.6
439	1221.6
440	1193.5
441	1181.8
442	1166.0
443	1157.4
444	1141.3
445	1129.7
446	1107.2
447	1099.0
448	1090.6
449	1175.4
450	1102.2
451	1112.1
452	1125.3
453	1134.3
454	1151.0
455	1159.5
456	1211.9

ID	Distance (m)
457	1226.9
458	1242.1
459	1252.0
460	1220.6
461	1289.1
462	1345.9
463	1356.8
464	1382.2
465	1413.4
466	1439.6
467	1459.9
468	1485.5
469	1526.0
470	1532.2
471	1582.9
472	1601.9
473	1694.3
474	1759.5
475	1748.7
476	1739.2
477	1747.1
478	1754.5
479	1758.6
480	1765.2
481	1772.9
482	1787.7
483	1781.5
484	1774.8
485	1767.9
486	1760.9
487	1751.3
488	1746.2
489	1640.2
489	1692.5
490	1683.0
491	1673.5
493	1666.4
494	1674.8
495	1684.4
496	1698.5
497	1710.6
498	1647.9
499	1658.6
500	1669.7
501	1681.4
502	1694.6
503	1730.6

ID	Distance (m)
504	1724.7
505	1719.5
506	1713.9
507	1708.2
508	1694.1
509	1683.6
510	1662.6
511	1619.4
512	1604.1
513	1647.1
514	1637.1
515	1623.9
516	1613.9
517	1601.3
518	1594.6
519	1582.5
520	1508.5

Table 7.B.4: Distance from Construction Noise Receptors to Proposed Groynes

ID	Distance (m)
1	1070.3
2	384.8
3	1060.8
4	899.6
5	1035.3
6	873.7
7	848.1
8	828.4
9	791.7
10	818.2
11	950.9
12	939.1
13	928.1
14	917.7
15	907.8
16	896.5
17	894.9
18	862.4
19	853.6
20	845.8
21	837.8
22	856.9
23	836.2
24	836.4
25	836.1
26	837.9
27	838.3
28	862.3
29	852.2
30	840.2
31	826.9
32	816.0
33	821.0
34	775.8
35	777.3
36	748.0
37	748.4
38	758.5
39	760.2
40	767.7
41	769.1
42	778.5
43	777.0
44	783.9
45	793.8

ID	Distance (m)
46	795.7
47	805.0
48	837.6
49	848.1
50	858.0
51	867.2
52	875.9
53	754.4
54	780.5
55	792.0
56	799.2
57	809.0
58	822.6
59	830.1
60	839.3
61	847.8
62	856.5
63	864.4
64	875.1
65	886.3
66	913.6
67	938.1
68	1002.4
69	819.9
70	730.1
71	717.0
72	670.5
73	738.4
74	715.6
75	646.4
76	608.3
77	655.7
78	619.5
79	582.4
80	616.2
81	592.1
82	553.3
83	577.6
84	567.2
85	522.7
86	494.8
87	512.6
88	538.0
89	547.3
90	493.9
91	534.0
92	486.6

ID	Distance (m)
93	453.0
94	379.7
95	399.0
96	313.1
97	312.7
98	317.1
99	287.0
99	268.2
101	261.6
102	246.0
103	220.8
104	247.1
105	218.7
106	206.0
107	203.6
108	197.3
109	162.7
110	143.4
111	85.1
112	99.1
113	108.4
114	122.5
115	117.6
116	72.1
117	70.8
118	113.5
119	69.6
120	69.6
120	112.5
122	68.0
123	44.0
124	112.5
125	67.0
126	114.2
127	74.1
128	117.0
129	119.7
130	168.7
131	182.0
132	188.4
133	129.4
134	141.5
135	152.6
136	137.1
137	116.2
138	112.7
139	83.2

ID	Distance (m)
140	135.6
141	80.0
142	62.6
143	38.7
144	67.2
145	72.6
146	97.3
147	160.7
148	187.0
149	109.2
150	101.0
151	110.9
152	134.1
153	152.0
154	133.0
155	138.0
156	177.2
157	205.4
158	200.8
159	167.7
160	241.1
161	237.1
162	235.3
163	234.3
164	233.3
165	234.0
166	254.2
167	254.7
168	251.9
169	225.7
170	234.6
171	243.7
172	254.4
173	267.9
174	274.6
175	291.1
176	273.5
177	296.3
178	293.7
179	302.8
180	318.7
181	320.5
182	287.6
183	297.7
184	319.8
185	469.1
186	450.1

ID	Distance (m)
187	512.6
188	509.5
189	546.7
190	549.6
191	556.9
192	567.9
193	588.5
194	537.5
195	438.7
196	501.0
197	496.1
198	483.8
199	479.9
200	476.2
201	476.1
202	403.4
203	405.7
204	402.6
205	413.3
206	411.7
207	390.0
208	441.6
209	484.6
210	438.5
211	422.7
212	492.4
213	421.1
214	371.3
215	329.1
216	397.3
217	416.7
218	448.5
219	486.2
220	456.6
221	393.7
222	366.8
223	336.1
224	243.3
225	245.6
226	180.3
227	126.8
228	70.1
229	72.3
230	74.9
231	56.0
232	61.7
233	68.5

ID	Distance (m)
234	38.0
235	20.6
236	56.7
237	58.1
238	60.8
239	78.4
240	97.0
241	144.9
242	168.4
243	171.9
244	177.6
245	152.5
246	170.7
247	179.4
248	185.1
249	209.6
250	250.8
251	281.8
252	265.4
253	253.4
254	243.6
255	288.3
256	288.9
257	204.2
258	165.0
259	127.2
260	138.1
261	142.3
262	143.4
263	167.2
264	105.2
265	39.4
266	274.4
267	278.1
268	281.6
269	82.6
270	75.3
271	87.6
272	108.1
273	114.6
274	199.8
275	263.2
276	288.8
277	260.6
278	251.6
279	289.5
280	282.3

ID	Distance (m)
281	247.3
282	201.2
283	196.5
284	189.3
285	160.7
286	134.7
287	126.8
288	120.0
289	99.5
290	74.0
291	69.9
292	59.8
293	39.9
294	38.0
295	53.3
296	73.5
297	68.8
298	92.2
299	97.3
300	116.5
301	143.0
302	163.1
303	180.0
304	224.9
305	297.4
306	226.3
307	167.6
308	823.7
309	879.3
310	851.1
311	819.9
312	896.9
313	852.2
314	794.0
315	493.6
316	475.5
317	401.9
318	386.8
319	373.1
320	357.8
321	342.8
322	325.7
323	375.5
324	366.6
325	347.3
326	337.5
327	322.6

ID	Distance (m)
328	312.6
329	343.3
330	331.2
331	314.5
332	303.9
333	282.7
334	268.9
335	251.7
336	250.1
337	184.8
338	168.9
339	155.8
340	145.0
341	206.2
342	216.4
343	204.6
344	137.1
345	149.5
346	218.5
347	138.6
348	163.9
349	172.8
350	198.6
351	194.0
352	156.3
353	139.6
354	113.0
355	59.0
356	62.0
357	127.5
358	234.9
359	227.2
360	218.0
361	264.3
362	256.0
363	293.4
364	286.6
365	270.4
366	264.3
367	294.9
368	305.5
369	315.1
370	313.1
371	293.5
372	283.3
373	271.7
374	318.9

ID	Distance (m)
375	308.3
376	295.2
377	284.3
378	273.5
379	307.9
380	284.3
381	298.5
382	407.8
383	419.6
384	429.8
385	463.7
386	472.6
387	482.0
388	492.6
389	502.4
390	513.2
391	493.7
392	484.7
393	475.9
394	465.6
395	455.4
396	446.5
397	440.4
398	645.3
399	613.5
400	591.3
401	593.6
402	615.8
403	641.0
404	202.3
405	214.2
406	231.4
407	241.6
408	259.5
409	270.8
410	289.6
411	299.8
412	320.2
413	366.1
414	330.1
415	380.9
416	394.7
417	347.4
418	386.7
419	350.2
420	392.0
421	455.9

ID	Distance (m)
422	395.2
423	398.7
424	427.3
425	464.0
426	388.4
427	425.4
428	414.0
429	427.0
430	417.8
431	427.6
432	425.4
433	431.1
434	440.7
435	432.8
436	447.5
437	436.7
438	390.6
439	378.5
440	351.9
441	347.1
442	316.5
443	312.1
444	305.9
445	302.0
446	281.0
447	269.1
448	253.0
449	355.1
450	256.9
451	260.6
452	266.9
453	271.5
454	290.0
455	301.5
456	349.0
457	366.4
458	384.3
459	383.9
460	345.2
461	430.1
462	471.9
463	463.7
464	487.4
465	517.2
466	542.8
467	562.9
468	588.6

ID	Distance (m)
469	629.3
470	635.2
471	687.6
472	708.0
473	815.6
474	873.7
475	861.6
476	847.0
477	854.3
478	861.0
479	864.6
480	870.8
481	877.9
482	892.0
483	885.4
484	878.5
485	871.3
486	864.2
487	854.4
488	849.3
489	752.8
489	798.9
490	788.9
491	778.6
493	770.9
494	778.7
495	788.0
496	801.9
497	813.9
498	751.4
499	761.9
500	772.9
501	784.5
502	797.6
503	833.5
504	827.7
505	822.6
506	817.1
507	811.6
508	797.6
509	787.3
510	766.6
511	722.3
512	707.3
513	751.1
514	741.3
515	728.3

ID	Distance (m)
516	718.6
517	706.1
518	699.9
519	688.0
520	614.2

Table 7.B.5: Distance from Construction Noise Receptors to Beach Nourishment

ID	Distance (m)
1	932.2
2	202.8
3	911.2
4	753.8
5	892.5
6	729.1
7	705.8
8	689.8
9	653.0
10	675.6
11	790.7
12	778.2
13	767.1
14	756.4
15	746.4
16	736.1
17	735.8
18	695.4
19	686.4
20	678.7
21	670.7
22	691.4
23	670.3
24	671.0
25	671.4
26	673.8
27	674.9
28	699.4
29	689.7
30	677.9
31	664.8
32	654.7
33	660.4
34	614.7
35	617.0
36	588.0
37	589.3
38	600.3
39	604.7
40	611.8
41	610.8
42	619.9
43	620.7
44	627.3
45	636.8

ID	Distance (m)
46	636.6
47	647.5
48	678.9
49	689.1
50	698.8
51	707.7
52	716.1
53	600.5
54	626.7
55	637.7
56	644.6
57	654.0
58	667.2
59	674.1
60	683.4
61	691.6
62	700.2
63	707.9
64	718.5
65	729.3
66	758.4
67	783.1
68	846.6
69	672.4
70	584.1
71	577.3
72	526.7
73	611.0
74	592.1
75	481.9
76	477.2
77	547.4
78	502.4
79	457.8
80	514.7
81	497.7
82	459.8
83	489.8
84	487.7
85	424.7
86	392.7
87	404.7
88	424.7
89	431.7
90	375.5
91	408.1
92	347.9

ID	Distance (m)
93	310.1
94	235.6
95	245.4
96	177.7
97	155.9
98	147.9
99	122.9
99	107.4
101	106.0
102	71.8
103	53.8
104	122.3
105	127.6
106	105.9
107	78.5
108	62.1
109	47.0
110	50.3
111	60.7
112	78.0
113	90.0
114	105.3
115	104.9
116	52.2
117	56.3
118	105.7
119	59.2
120	62.2
120	107.7
122	63.7
123	39.5
124	108.1
125	62.6
126	109.7
127	69.4
128	109.5
129	105.3
130	155.7
131	175.2
132	182.1
133	113.9
134	131.2
135	146.2
136	130.4
137	107.7
138	106.4
139	76.9

ID	Distance (m)
140	129.3
141	73.7
142	52.3
143	28.0
144	19.5
145	40.0
146	87.7
147	154.1
148	180.5
149	94.3
150	91.5
151	104.6
152	121.8
153	137.6
154	126.7
155	131.0
156	167.6
157	198.0
158	194.5
159	159.6
160	233.2
161	230.3
162	229.0
163	228.0
164	226.9
165	226.0
166	247.6
167	247.5
168	243.2
169	218.2
170	228.0
171	237.3
172	248.0
173	261.6
174	267.5
175	284.6
176	267.2
177	289.7
178	287.4
179	296.4
180	312.2
181	313.8
182	281.3
183	291.4
184	313.5
185	422.8
186	421.1

ID	Distance (m)
187	482.9
188	483.7
189	527.3
190	526.6
191	527.3
192	530.7
193	549.1
194	528.1
195	429.4
196	493.1
197	489.0
198	477.6
199	473.6
200	469.9
201	469.7
202	397.1
203	399.4
204	396.3
205	406.9
206	405.2
207	383.7
208	435.3
209	478.3
210	432.2
211	416.4
212	482.7
213	413.5
214	364.6
215	321.4
216	384.0
217	403.6
218	438.4
219	477.1
220	450.3
221	386.9
222	353.2
223	329.3
224	230.5
225	226.0
226	155.2
227	90.4
228	14.7
229	18.0
230	38.6
231	13.3
232	30.6
233	43.5

ID	Distance (m)
234	8.1
235	14.3
236	45.9
237	50.8
238	54.6
239	61.7
240	68.5
241	114.3
242	145.8
243	157.1
244	168.7
245	146.3
246	164.4
247	173.2
248	179.1
249	203.3
250	244.5
251	275.5
252	255.8
253	241.1
254	226.2
255	269.6
256	278.8
257	195.1
258	137.5
259	106.1
260	130.9
261	136.2
262	137.2
263	155.3
264	83.6
265	21.3
266	267.1
267	271.3
268	275.2
269	49.4
270	22.4
271	25.6
272	74.6
273	89.2
274	186.7
275	257.4
276	282.5
277	251.2
278	238.5
279	275.5
280	270.1

ID	Distance (m)
281	238.5
282	181.6
283	182.0
284	180.4
285	152.9
286	117.8
287	116.3
288	112.8
289	93.5
290	67.8
291	33.7
292	43.1
293	28.6
294	31.8
295	46.8
296	54.0
297	38.0
298	40.1
299	84.1
300	99.3
301	135.2
302	156.7
303	174.0
304	217.7
305	291.3
306	212.3
307	149.9
308	817.1
309	872.6
310	844.1
311	813.3
312	890.8
313	846.0
314	786.6
315	484.8
316	465.1
317	392.6
318	378.0
319	364.6
320	349.6
321	334.9
322	318.2
323	364.6
324	356.4
325	337.6
326	328.2
327	313.8

ID	Distance (m)
328	304.0
329	328.9
330	317.6
331	302.4
332	292.5
333	273.2
334	260.8
335	242.9
336	240.0
337	169.7
338	157.4
339	146.2
340	136.5
341	196.4
342	207.7
343	197.4
344	130.2
345	141.0
346	210.4
347	133.2
348	157.2
349	165.8
350	187.6
351	187.1
352	133.0
353	123.6
354	96.4
355	53.6
356	47.2
357	19.1
358	217.4
359	215.6
360	211.9
361	256.6
362	249.9
363	287.5
364	279.9
365	244.1
366	234.8
367	264.6
368	268.9
369	273.0
370	256.8
371	236.0
372	231.5
373	227.1
374	231.7

ID	Distance (m)
375	225.2
376	217.9
377	212.3
378	189.3
379	209.7
380	195.3
381	203.8
382	359.4
383	364.1
384	367.9
385	397.2
386	401.0
387	405.5
388	410.8
389	416.0
390	421.8
391	397.3
392	391.9
393	387.2
394	381.9
395	376.9
396	373.2
397	371.1
398	480.2
399	448.7
400	426.6
401	424.2
402	446.5
403	471.0
404	27.6
405	37.3
406	53.0
407	62.8
408	80.4
409	91.1
410	108.9
411	118.8
412	138.6
413	125.7
414	148.0
415	141.6
416	157.5
417	161.6
418	201.0
419	160.4
420	196.0
421	216.3

ID	Distance (m)
422	193.4
423	191.3
424	188.6
425	223.8
426	197.8
427	244.4
428	177.1
429	242.5
430	187.0
431	238.8
432	191.8
433	238.0
434	203.1
435	234.5
436	208.7
437	232.8
438	171.1
439	159.2
440	139.3
441	141.5
442	103.8
443	104.3
444	107.1
445	108.8
446	91.8
447	79.5
448	61.6
449	158.4
450	60.0
451	58.0
452	56.3
453	54.8
454	70.8
455	83.0
456	116.3
457	134.0
458	152.2
459	145.8
460	105.3
461	194.5
462	231.6
463	235.5
464	263.4
465	298.2
466	327.6
467	351.2
468	380.2

ID	Distance (m)
469	422.9
470	423.6
471	462.5
472	479.7
473	576.6
474	637.4
475	626.0
476	615.8
477	623.9
478	631.5
479	635.9
480	642.9
481	651.2
482	667.0
483	661.7
484	655.7
485	649.7
486	643.6
487	634.9
488	631.2
489	517.2
489	569.8
490	560.8
491	552.0
493	546.0
494	555.8
495	566.3
496	581.3
497	594.0
498	530.5
499	541.8
500	553.8
501	566.2
502	579.9
503	617.6
504	613.1
505	609.4
506	605.9
507	602.1
508	589.0
509	580.2
510	561.1
511	508.4
512	498.3
513	546.3
514	537.5
515	525.6

ID	Distance (m)
516	517.7
517	506.1
518	502.1
519	491.7
520	421.8

Construction Noise Predictions

The construction noise predictions for bulk earthworks, flood wall, embankment and groyne construction and beach nourishment are summarised in the following Tables.

Table 7.B.5: Construction Noise Predictions for Bulk Earthworks (dB)

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
1	65	4.8	91	86.2	76.2
2	65	9.0	91	82.0	72.0
3	65	19.3	91	71.7	61.7
4	65	15.2	91	75.8	65.8
5	65	16.4	91	74.6	64.6
6	65	18.2	91	72.8	62.8
7	65	19.7	91	71.3	61.3
8	65	22.5	91	68.5	58.5
9	65	20.9	91	70.1	60.1
10	65	25.0	91	66.0	56.0
11	65	25.5	91	65.5	55.5
12	65	25.6	91	65.4	55.4
13	65	25.9	91	65.1	55.1
14	65	26.0	91	65.0	55.0
15	65	25.7	91	65.3	55.3
16	65	25.0	91	66.0	56.0
17	65	29.1	91	61.9	51.9
18	65	29.2	91	61.8	51.8
19	65	29.3	91	61.7	51.7
20	65	29.3	91	61.7	51.7
21	65	28.5	91	62.5	52.5
22	65	28.8	91	62.2	52.2
23	65	28.6	91	62.4	52.4
24	65	28.3	91	62.7	52.7
25	65	28.0	91	63.0	53.0
26	65	27.7	91	63.3	53.3
27	65	27.3	91	63.7	53.7
28	65	27.2	91	63.8	53.8
29	65	27.2	91	63.8	53.8
30	65	27.3	91	63.7	53.7
31	65	27.2	91	63.8	53.8
32	65	26.8	91	64.2	54.2
33	65	27.8	91	63.2	53.2
34	65	27.5	91	63.5	53.5

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
35	65	28.1	91	62.9	52.9
36	65	27.8	91	63.2	53.2
37	65	27.4	91	63.6	53.6
38	65	26.7	91	64.4	54.4
39	65	26.5	91	64.5	54.5
40	65	27.1	91	63.9	53.9
41	65	27.0	91	64.0	54.0
42	65	26.4	91	64.7	54.7
43	65	26.2	91	64.8	54.8
44	65	26.1	91	64.9	54.9
45	65	26.8	91	64.2	54.2
46	65	25.9	91	65.1	55.1
47	65	25.7	91	65.3	55.3
48	65	25.7	91	65.3	55.3
49	65	25.6	91	65.4	55.4
50	65	25.7	91	65.3	55.3
51	65	25.7	91	65.3	55.3
52	65	26.5	91	64.5	54.5
53	65	25.5	91	65.5	55.5
54	65	25.3	91	65.7	55.7
55	65	25.2	91	65.8	55.8
56	65	25.0	91	66.0	56.0
57	65	24.7	91	66.3	56.3
58	65	24.7	91	66.3	56.3
59	65	24.5	91	66.5	56.5
60	65	24.4	91	66.6	56.6
61	65	24.3	91	66.7	56.7
62	65	24.2	91	66.8	56.8
63	65	24.1	91	66.9	56.9
64	65	24.1	91	66.9	56.9
65	65	22.4	91	68.6	58.6
66	65	21.7	91	69.3	59.3
67	65	21.9	91	69.1	59.1
68	65	21.9	91	69.1	59.1
69	65	26.2	91	64.8	54.8

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
70	65	26.4	91	64.6	54.6
71	65	28.3	91	62.7	52.7
72	65	25.9	91	65.1	55.1
73	65	27.1	91	63.9	53.9
74	65	31.0	91	60.0	50.0
75	65	30.0	91	61.0	51.0
76	65	29.9	91	61.1	51.1
77	65	30.2	91	60.8	50.8
78	65	30.8	91	60.2	50.2
79	65	31.0	91	60.0	50.0
80	65	31.8	91	59.2	49.2
81	65	32.4	91	58.6	48.6
82	65	32.3	91	58.7	48.7
83	65	31.6	91	59.4	49.4
84	65	32.2	91	58.8	48.8
85	65	31.5	91	59.5	49.5
86	65	31.7	91	59.3	49.3
87	65	32.0	91	59.0	49.0
88	65	31.8	91	59.2	49.2
89	65	30.9	91	60.1	50.1
90	65	31.6	91	59.4	49.4
91	65	30.0	91	61.0	51.0
92	65	28.9	91	62.1	52.1
93	65	26.3	91	64.7	54.7
94	65	26.5	91	64.6	54.6
95	65	23.9	91	67.1	57.1
96	65	21.8	91	69.2	59.2
97	65	20.5	91	70.5	60.5
98	65	18.8	91	72.2	62.2
99	65	17.7	91	73.3	63.3
100	65	18.1	91	72.9	62.9
101	65	8.3	91	82.7	72.7
102	65	10.2	91	80.8	70.8
103	65	21.3	91	69.7	59.7
104	65	22.2	91	68.8	58.8

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
105	65	20.6	91	70.4	60.4
106	65	17.8	91	73.2	63.2
107	65	15.7	91	75.3	65.3
108	65	13.6	91	77.4	67.4
109	65	13.2	91	77.8	67.8
110	65	15.6	91	75.4	65.4
111	65	17.8	91	73.2	63.2
112	65	19.1	91	71.9	61.9
113	65	20.4	91	70.6	60.6
114	65	20.3	91	70.7	60.7
115	65	14.2	91	76.8	66.8
116	65	14.7	91	76.3	66.3
117	65	20.2	91	70.8	60.8
118	65	15.0	91	76.0	66.0
119	65	15.3	91	75.7	65.7
120	65	19.6	91	71.4	61.4
121	65	15.4	91	75.6	65.6
122	65	11.2	91	79.8	69.8
123	65	18.7	91	72.3	62.3
124	65	15.4	91	75.6	65.6
125	65	17.8	91	73.2	63.2
126	65	13.3	91	77.7	67.7
127	65	17.1	91	73.9	63.9
128	65	16.5	91	74.5	64.5
129	65	21.4	91	69.6	59.6
130	65	23.0	91	68.0	58.0
131	65	23.6	91	67.4	57.4
132	65	17.5	91	73.5	63.5
133	65	19.5	91	71.5	61.5
134	65	21.3	91	69.7	59.7
135	65	20.0	91	71.0	61.0
136	65	17.4	91	73.6	63.6
137	65	18.1	91	72.9	62.9
138	65	14.5	91	76.5	66.5
139	65	20.8	91	70.2	60.2

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
140	65	14.8	91	76.2	66.2
141	65	12.4	91	78.6	68.6
142	65	5.4	91	85.6	75.6
143	65	1.2	91	89.8	79.8
144	65	9.8	91	81.2	71.2
145	65	17.4	91	73.6	63.6
146	65	22.7	91	68.3	58.3
147	65	24.2	91	66.8	56.8
148	65	18.4	91	72.6	62.6
149	65	18.2	91	72.8	62.8
150	65	19.2	91	71.8	61.8
151	65	20.9	91	70.1	60.1
152	65	22.2	91	68.8	58.8
153	65	21.1	91	69.9	59.9
154	65	21.4	91	69.6	59.6
155	65	23.9	91	67.1	57.1
156	65	25.3	91	65.7	55.7
157	65	25.2	91	65.8	55.8
158	65	23.5	91	67.5	57.5
159	65	26.3	91	64.7	54.7
160	65	26.2	91	64.8	54.8
161	65	26.1	91	64.9	54.9
162	65	26.0	91	65.0	55.0
163	65	26.0	91	65.0	55.0
164	65	26.0	91	65.0	55.0
165	65	25.0	91	66.0	56.0
166	65	25.0	91	66.0	56.0
167	65	25.0	91	66.0	56.0
168	65	26.1	91	64.9	54.9
169	65	25.7	91	65.3	55.3
170	65	25.2	91	65.8	55.8
171	65	24.7	91	66.3	56.3
172	65	24.0	91	67.0	57.0
173	65	23.7	91	67.3	57.3
174	65	22.6	91	68.4	58.4

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
175	65	24.1	91	66.9	56.9
176	65	23.5	91	67.5	57.5
177	65	22.9	91	68.1	58.1
178	65	22.4	91	68.6	58.6
179	65	21.2	91	69.8	59.8
180	65	21.0	91	70.0	60.0
181	65	22.8	91	68.2	58.2
182	65	22.2	91	68.8	58.8
183	65	20.7	91	70.3	60.3
184	65	28.2	91	62.8	52.8
185	65	26.3	91	64.7	54.7
186	65	26.7	91	64.4	54.4
187	65	26.1	91	64.9	54.9
188	65	24.7	91	66.3	56.3
189	65	25.7	91	65.3	55.3
190	65	26.8	91	64.2	54.2
191	65	27.9	91	63.1	53.1
192	65	28.2	91	62.8	52.8
193	65	20.4	91	70.6	60.6
194	65	20.4	91	70.6	60.6
195	65	19.5	91	71.5	61.5
196	65	18.1	91	72.9	62.9
197	65	14.8	91	76.2	66.2
198	65	12.9	91	78.1	68.1
199	65	9.2	91	81.8	71.8
200	65	5.7	91	85.3	75.3
201	65	10.1	91	80.9	70.9
202	65	7.6	91	83.4	73.4
203	65	7.7	91	83.3	73.3
204	65	3.9	91	87.1	77.1
205	65	9.1	91	81.9	71.9
206	65	15.1	91	75.9	65.9
207	65	10.0	91	81.0	71.0
208	65	12.6	91	78.4	68.4
209	65	14.1	91	76.9	66.9

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
210	65	16.7	91	74.3	64.3
211	65	12.2	91	78.8	68.8
212	65	18.9	91	72.1	62.1
213	65	19.6	91	71.4	61.4
214	65	22.4	91	68.6	58.6
215	65	21.0	91	70.0	60.0
216	65	19.6	91	71.4	61.4
217	65	15.2	91	75.8	65.8
218	65	7.6	91	83.4	73.4
219	65	8.6	91	82.4	72.4
220	65	19.4	91	71.6	61.6
221	65	22.7	91	68.3	58.3
222	65	23.5	91	67.5	57.5
223	65	26.4	91	64.6	54.6
224	65	26.0	91	65.0	55.0
225	65	22.2	91	68.8	58.8
226	65	16.6	91	74.4	64.4
227	65	2.1	91	88.9	78.9
228	65	-4.0	91	95.0	85.0
229	65	0.5	91	90.5	80.5
230	65	-0.1	91	91.1	81.1
231	65	-9.8	91	100.8	90.8
232	65	4.5	91	86.5	76.5
233	65	3.2	91	87.8	77.8
234	65	-11.0	91	102.0	92.0
235	65	8.9	91	82.1	72.1
236	65	12.3	91	78.7	68.7
237	65	12.1	91	78.9	68.9
238	65	11.3	91	79.7	69.7
239	65	12.2	91	78.8	68.8
240	65	19.4	91	71.6	61.6
241	65	21.7	91	69.3	59.3
242	65	22.3	91	68.7	58.7
243	65	23.1	91	67.9	57.9
244	65	22.1	91	68.9	58.9

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
245	65	23.3	91	67.7	57.7
246	65	23.8	91	67.2	57.2
247	65	23.8	91	67.2	57.2
248	65	25.1	91	65.9	55.9
249	65	27.0	91	64.0	54.0
250	65	26.1	91	64.9	54.9
251	65	27.0	91	64.0	54.0
252	65	26.7	91	64.3	54.3
253	65	26.1	91	64.9	54.9
254	65	27.1	91	63.9	53.9
255	65	27.9	91	63.1	53.1
256	65	25.5	91	65.5	55.5
257	65	21.6	91	69.4	59.4
258	65	19.5	91	71.5	61.5
259	65	22.0	91	69.0	59.0
260	65	22.4	91	68.6	58.6
261	65	22.3	91	68.7	58.7
262	65	23.4	91	67.6	57.6
263	65	17.7	91	73.3	63.3
264	65	3.4	91	87.6	77.6
265	65	28.4	91	62.6	52.6
266	65	28.5	91	62.5	52.5
267	65	28.6	91	62.4	52.4
268	65	13.3	91	77.7	67.7
269	65	10.5	91	80.5	70.5
270	65	10.3	91	80.7	70.7
271	65	17.2	91	73.8	63.8
272	65	19.1	91	71.9	61.9
273	65	25.1	91	65.9	55.9
274	65	28.0	91	63.0	53.0
275	65	28.8	91	62.2	52.2
276	65	27.8	91	63.2	53.2
277	65	27.3	91	63.7	53.7
278	65	28.6	91	62.4	52.4
279	65	28.5	91	62.5	52.5

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
280	65	27.4	91	63.6	53.6
281	65	24.9	91	66.1	56.1
282	65	25.2	91	65.8	55.8
283	65	24.9	91	66.1	56.1
284	65	23.4	91	67.6	57.6
285	65	21.4	91	69.6	59.6
286	65	21.0	91	70.0	60.0
287	65	20.6	91	70.4	60.4
288	65	18.5	91	72.5	62.5
289	65	15.6	91	75.4	65.4
290	65	10.8	91	80.2	70.2
291	65	12.0	91	79.0	69.0
292	65	7.5	91	83.5	73.5
293	65	7.8	91	83.2	73.2
294	65	11.2	91	79.8	69.8
295	65	12.7	91	78.3	68.3
296	65	8.9	91	82.1	72.1
297	65	9.8	91	81.2	71.2
298	65	17.2	91	73.8	63.8
299	65	19.0	91	72.0	62.0
300	65	21.8	91	69.2	59.2
301	65	23.2	91	67.8	57.8
302	65	24.2	91	66.8	56.8
303	65	26.3	91	64.7	54.7
304	65	29.0	91	62.0	52.0
305	65	26.1	91	64.9	54.9
306	65	22.9	91	68.1	58.1
307	65	30.3	91	60.7	50.7
308	65	31.3	91	59.7	49.7
309	65	30.4	91	60.6	50.6
310	65	31.8	91	59.2	49.2
311	65	33.7	91	57.3	47.3
312	65	33.5	91	57.5	47.5
313	65	33.2	91	57.8	47.8
314	65	33.1	91	57.9	47.9

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
315	65	32.8	91	58.2	48.2
316	65	31.2	91	59.8	49.8
317	65	30.8	91	60.2	50.2
318	65	30.4	91	60.6	50.6
319	65	29.9	91	61.1	51.1
320	65	29.4	91	61.6	51.6
321	65	28.9	91	62.1	52.1
322	65	30.6	91	60.4	50.4
323	65	30.4	91	60.6	50.6
324	65	29.8	91	61.2	51.2
325	65	29.5	91	61.5	51.5
326	65	29.0	91	62.0	52.0
327	65	28.7	91	62.3	52.3
328	65	29.9	91	61.1	51.1
329	65	29.6	91	61.4	51.4
330	65	29.0	91	62.0	52.0
331	65	28.7	91	62.4	52.4
332	65	27.8	91	63.2	53.2
333	65	27.1	91	63.9	53.9
334	65	26.6	91	64.4	54.4
335	65	26.7	91	64.3	54.3
336	65	24.2	91	66.8	56.8
337	65	23.4	91	67.6	57.6
338	65	22.3	91	68.7	58.7
339	65	21.2	91	69.8	59.8
340	65	19.7	91	71.3	61.3
341	65	18.9	91	72.1	62.1
342	65	19.1	91	71.9	61.9
343	65	21.5	91	69.5	59.5
344	65	22.2	91	68.8	58.8
345	65	23.4	91	67.6	57.6
346	65	24.0	91	67.0	57.0
347	65	25.0	91	66.0	56.0
348	65	25.1	91	65.9	55.9
349	65	24.9	91	66.1	56.1

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
350	65	24.7	91	66.3	56.3
351	65	21.9	91	69.1	59.1
352	65	21.3	91	69.7	59.7
353	65	19.0	91	72.0	62.0
354	65	13.0	91	78.0	68.0
355	65	0.7	91	90.3	80.3
356	65	9.8	91	81.2	71.2
357	65	24.6	91	66.4	56.4
358	65	24.4	91	66.6	56.6
359	65	24.1	91	66.9	56.9
360	65	26.3	91	64.7	54.7
361	65	26.1	91	64.9	54.9
362	65	27.5	91	63.5	53.5
363	65	27.4	91	63.6	53.6
364	65	26.1	91	64.9	54.9
365	65	25.8	91	65.2	55.2
366	65	27.1	91	63.9	53.9
367	65	27.5	91	63.5	53.5
368	65	27.8	91	63.2	53.2
369	65	27.5	91	63.5	53.5
370	65	26.7	91	64.3	54.3
371	65	26.3	91	64.7	54.7
372	65	25.9	91	65.1	55.1
373	65	27.2	91	63.8	53.8
374	65	26.8	91	64.2	54.2
375	65	26.4	91	64.6	54.6
376	65	26.0	91	65.0	55.0
377	65	25.3	91	65.7	55.7
378	65	25.7	91	65.3	55.3
379	65	26.3	91	64.7	54.7
380	65	26.6	91	64.4	54.4
381	65	30.6	91	60.4	50.4
382	65	30.8	91	60.2	50.2
383	65	31.0	91	60.0	50.0
384	65	31.7	91	59.3	49.3

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
385	65	31.9	91	59.1	49.1
386	65	32.1	91	58.9	48.9
387	65	32.2	91	58.8	48.8
388	65	32.4	91	58.6	48.6
389	65	32.6	91	58.4	48.4
390	65	32.1	91	58.9	48.9
391	65	32.0	91	59.0	49.0
392	65	31.8	91	59.2	49.2
393	65	31.6	91	59.4	49.4
394	65	31.4	91	59.6	49.6
395	65	31.3	91	59.7	49.7
396	65	31.2	91	59.8	49.8
397	65	33.6	91	57.4	47.4
398	65	33.0	91	58.0	48.0
399	65	32.6	91	58.4	48.4
400	65	32.5	91	58.5	48.5
401	65	33.0	91	58.0	48.0
402	65	33.5	91	57.5	47.5
403	65	8.7	91	82.3	72.3
404	65	11.4	91	79.6	69.6
405	65	14.4	91	76.6	66.6
406	65	15.9	91	75.1	65.1
407	65	18.1	91	72.9	62.9
408	65	19.2	91	71.8	61.8
409	65	20.7	91	70.3	60.3
410	65	21.5	91	69.5	59.5
411	65	22.8	91	68.2	58.2
412	65	23.4	91	67.6	57.6
413	65	24.2	91	66.8	56.8
414	65	24.0	91	67.0	57.0
415	65	23.7	91	67.3	57.3
416	65	26.1	91	64.9	54.9
417	65	26.1	91	64.9	54.9
418	65	25.8	91	65.2	55.2
419	65	25.6	91	65.4	55.4

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
420	65	25.5	91	65.5	55.5
421	65	25.4	91	65.6	55.6
422	65	27.8	91	63.2	53.2
423	65	27.7	91	63.3	53.3
424	65	27.4	91	63.6	53.6
425	65	27.4	91	63.6	53.6
426	65	27.2	91	63.8	53.8
427	65	27.2	91	63.8	53.8
428	65	24.4	91	66.6	56.6
429	65	23.8	91	67.2	57.2
430	65	22.6	91	68.4	58.4
431	65	22.7	91	68.3	58.3
432	65	19.9	91	71.1	61.1
433	65	20.0	91	71.0	61.0
434	65	20.3	91	70.7	60.7
435	65	20.7	91	70.3	60.3
436	65	19.3	91	71.7	61.7
437	65	18.1	91	72.9	62.9
438	65	15.9	91	75.1	65.1
439	65	15.7	91	75.3	65.3
440	65	14.9	91	76.1	66.1
441	65	14.2	91	76.8	66.8
442	65	14.0	91	77.0	67.0
443	65	16.5	91	74.5	64.5
444	65	17.9	91	73.1	63.1
445	65	20.5	91	70.5	60.5
446	65	21.7	91	69.3	59.3
447	65	22.8	91	68.2	58.2
448	65	21.5	91	69.5	59.5
449	65	17.9	91	73.1	63.1
450	65	18.5	91	72.5	62.5
451	65	17.9	91	73.1	63.1
452	65	17.5	91	73.5	63.5
453	65	18.6	91	72.4	62.4
454	65	20.4	91	70.6	60.6

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
455	65	24.6	91	66.4	56.4
456	65	24.6	91	66.4	56.4
457	65	24.4	91	66.6	56.6
458	65	24.4	91	66.6	56.6
459	65	24.4	91	66.6	56.6
460	65	24.4	91	66.6	56.6
461	65	24.3	91	66.7	56.7
462	65	24.2	91	66.8	56.8
463	65	17.7	91	73.3	63.3
464	65	17.3	91	73.7	63.7
465	65	16.6	91	74.4	64.4
466	65	16.2	91	74.8	64.8
467	65	16.1	91	74.9	64.9
468	65	16.3	91	74.7	64.7
469	65	17.7	91	73.3	63.3
470	65	19.8	91	71.2	61.2
471	65	25.3	91	65.7	55.7
472	65	26.6	91	64.4	54.4
473	65	31.6	91	59.4	49.4
474	65	31.9	91	59.1	49.1
475	65	31.5	91	59.5	49.5
476	65	30.4	91	60.6	50.6
477	65	30.5	91	60.5	50.5
478	65	30.5	91	60.5	50.5
479	65	30.5	91	60.5	50.5
480	65	30.5	91	60.5	50.5
481	65	30.6	91	60.4	50.4
482	65	30.7	91	60.3	50.3
483	65	30.5	91	60.5	50.5
484	65	30.2	91	60.8	50.8
485	65	29.9	91	61.1	51.1
486	65	29.7	91	61.3	51.3
487	65	29.3	91	61.7	51.7
488	65	29.1	91	61.9	51.9
489	65	29.3	91	61.7	51.7

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
490	65	29.0	91	62.0	52.0
491	65	28.6	91	62.4	52.4
492	65	28.1	91	62.9	52.9
493	65	27.6	91	63.4	53.4
494	65	27.5	91	63.5	53.5
495	65	27.7	91	63.3	53.3
496	65	28.0	91	63.0	53.0
497	65	28.2	91	62.8	52.8
498	65	26.4	91	64.6	54.6
499	65	26.6	91	64.4	54.4
500	65	26.9	91	64.1	54.1
501	65	27.2	91	63.8	53.8
502	65	27.5	91	63.5	53.5
503	65	28.5	91	62.5	52.5
504	65	28.2	91	62.8	52.8
505	65	27.9	91	63.1	53.1
506	65	27.6	91	63.4	53.4
507	65	27.3	91	63.7	53.7
508	65	26.8	91	64.2	54.2
509	65	26.3	91	64.7	54.7
510	65	25.3	91	65.7	55.7
511	65	24.3	91	66.7	56.7
512	65	22.8	91	68.2	58.2
513	65	24.6	91	66.4	56.4
514	65	24.0	91	67.0	57.0
515	65	23.2	91	67.8	57.8
516	65	22.5	91	68.5	58.5
517	65	21.7	91	69.3	59.3
518	65	21.1	91	69.9	59.9
519	65	20.0	91	71.0	61.0
520	65	9.2	91	81.8	71.8

Table 7.B.6: Construction Noise Predictions for Installation of Flood Wall (dB)

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
1	65	41.1	91	49.4	39.4
2	65	41.1	91	49.5	39.5
3	65	41.5	91	49.0	39.0
4	65	40.3	91	50.2	40.2
5	65	40.1	91	50.4	40.4
6	65	39.9	91	50.7	40.7
7	65	39.6	91	50.9	40.9
8	65	39.4	91	51.2	41.2
9	65	39.7	91	50.8	40.8
10	65	41.3	91	49.2	39.2
11	65	41.3	91	49.3	39.3
12	65	41.2	91	49.3	39.3
13	65	41.2	91	49.4	39.4
14	65	41.1	91	49.4	39.4
15	65	41.0	91	49.6	39.6
16	65	40.9	91	49.6	39.6
17	65	41.1	91	49.4	39.4
18	65	41.1	91	49.4	39.4
19	65	41.0	91	49.5	39.5
20	65	41.0	91	49.5	39.5
21	65	41.0	91	49.5	39.5
22	65	40.9	91	49.6	39.6
23	65	40.9	91	49.7	39.7
24	65	40.8	91	49.7	39.7
25	65	40.8	91	49.7	39.7
26	65	40.8	91	49.8	39.8
27	65	40.9	91	49.6	39.6
28	65	40.8	91	49.7	39.7
29	65	40.7	91	49.8	39.8
30	65	40.6	91	49.9	39.9
31	65	40.5	91	50.0	40.0
32	65	40.5	91	50.0	40.0
33	65	40.3	91	50.3	40.3
34	65	40.2	91	50.3	40.3
35	65	40.0	91	50.5	40.5

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
36	65	40.0	91	50.6	40.6
37	65	40.0	91	50.5	40.5
38	65	39.9	91	50.7	40.7
39	65	39.9	91	50.6	40.6
40	65	40.1	91	50.5	40.5
41	65	40.1	91	50.4	40.4
42	65	40.0	91	50.5	40.5
43	65	40.1	91	50.5	40.5
44	65	40.2	91	50.4	40.4
45	65	40.3	91	50.3	40.3
46	65	40.3	91	50.3	40.3
47	65	40.5	91	50.0	40.0
48	65	40.6	91	49.9	39.9
49	65	40.7	91	49.9	39.9
50	65	40.8	91	49.8	39.8
51	65	40.8	91	49.7	39.7
52	65	39.8	91	50.8	40.8
53	65	39.9	91	50.6	40.6
54	65	40.0	91	50.5	40.5
55	65	40.1	91	50.4	40.4
56	65	40.2	91	50.4	40.4
57	65	40.3	91	50.3	40.3
58	65	40.3	91	50.2	40.2
59	65	40.4	91	50.1	40.1
60	65	40.5	91	50.1	40.1
61	65	40.5	91	50.0	40.0
62	65	40.6	91	49.9	39.9
63	65	40.7	91	49.9	39.9
64	65	40.8	91	49.8	39.8
65	65	40.8	91	49.7	39.7
66	65	41.0	91	49.5	39.5
67	65	41.4	91	49.1	39.1
68	65	39.9	91	50.6	40.6
69	65	39.3	91	51.3	41.3
70	65	38.9	91	51.6	41.6

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
71	65	38.8	91	51.8	41.8
72	65	38.5	91	52.0	42.0
73	65	38.2	91	52.3	42.3
74	65	39.6	91	50.9	40.9
75	65	37.9	91	52.7	42.7
76	65	37.2	91	53.3	43.3
77	65	37.4	91	53.1	43.1
78	65	37.5	91	53.1	43.1
79	65	36.7	91	53.8	43.8
80	65	36.3	91	54.2	44.2
81	65	36.1	91	54.5	44.5
82	65	35.9	91	54.6	44.6
83	65	35.5	91	55.0	45.0
84	65	36.1	91	54.4	44.4
85	65	36.2	91	54.3	44.3
86	65	36.5	91	54.1	44.1
87	65	36.8	91	53.7	43.7
88	65	36.9	91	53.6	43.6
89	65	36.8	91	53.7	43.7
90	65	37.3	91	53.3	43.3
91	65	37.5	91	53.0	43.0
92	65	37.5	91	53.1	43.1
93	65	37.2	91	53.4	43.4
94	65	37.6	91	53.0	43.0
95	65	36.7	91	53.8	43.8
96	65	37.3	91	53.3	43.3
97	65	37.7	91	52.8	42.8
98	65	37.4	91	53.2	43.2
99	65	37.2	91	53.3	43.3
100	65	37.0	91	53.5	43.5
101	65	37.5	91	53.0	43.0
102	65	37.1	91	53.4	43.4
103	65	36.4	91	54.2	44.2
104	65	35.8	91	54.7	44.7
105	65	36.0	91	54.5	44.5

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
106	65	36.4	91	54.1	44.1
107	65	36.6	91	53.9	43.9
108	65	36.4	91	54.1	44.1
109	65	36.3	91	54.3	44.3
110	65	35.4	91	55.1	45.1
111	65	35.2	91	55.4	45.4
112	65	35.0	91	55.5	45.5
113	65	34.8	91	55.7	45.7
114	65	34.7	91	55.8	45.8
115	65	35.4	91	55.1	45.1
116	65	35.3	91	55.2	45.2
117	65	34.6	91	55.9	45.9
118	65	35.2	91	55.3	45.3
119	65	35.1	91	55.4	45.4
120	65	34.5	91	56.0	46.0
121	65	35.1	91	55.5	45.5
122	65	35.3	91	55.3	45.3
123	65	34.4	91	56.2	46.2
124	65	35.0	91	55.6	45.6
125	65	34.2	91	56.3	46.3
126	65	34.8	91	55.8	45.8
127	65	34.1	91	56.4	46.4
128	65	34.0	91	56.5	46.5
129	65	33.2	91	57.4	47.4
130	65	32.4	91	58.1	48.1
131	65	32.1	91	58.4	48.4
132	65	33.7	91	56.8	46.8
133	65	33.3	91	57.2	47.2
134	65	32.7	91	57.8	47.8
135	65	33.0	91	57.5	47.5
136	65	33.5	91	57.0	47.0
137	65	33.3	91	57.2	47.2
138	65	33.7	91	56.8	46.8
139	65	32.7	91	57.9	47.9
140	65	33.6	91	56.9	46.9

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
141	65	33.8	91	56.7	46.7
142	65	34.3	91	56.3	46.3
143	65	34.2	91	56.3	46.3
144	65	33.8	91	56.7	46.7
145	65	33.2	91	57.3	47.3
146	65	32.1	91	58.4	48.4
147	65	31.6	91	59.0	49.0
148	65	32.9	91	57.7	47.7
149	65	32.7	91	57.8	47.8
150	65	32.2	91	58.3	48.3
151	65	32.5	91	58.0	48.0
152	65	32.1	91	58.4	48.4
153	65	31.7	91	58.8	48.8
154	65	31.5	91	59.0	49.0
155	65	30.5	91	60.0	50.0
156	65	29.9	91	60.7	50.7
157	65	30.3	91	60.2	50.2
158	65	31.4	91	59.1	49.1
159	65	28.8	91	61.7	51.7
160	65	29.1	91	61.5	51.5
161	65	29.3	91	61.3	51.3
162	65	29.4	91	61.1	51.1
163	65	29.7	91	60.9	50.9
164	65	30.1	91	60.5	50.5
165	65	29.3	91	61.3	51.3
166	65	29.5	91	61.1	51.1
167	65	29.9	91	60.6	50.6
168	65	30.6	91	59.9	49.9
169	65	30.5	91	60.1	50.1
170	65	30.3	91	60.2	50.2
171	65	30.1	91	60.4	50.4
172	65	29.9	91	60.6	50.6
173	65	29.5	91	61.1	51.1
174	65	29.1	91	61.4	51.4
175	65	28.6	91	61.9	51.9

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
176	65	27.3	91	63.2	53.2
177	65	28.1	91	62.5	52.5
178	65	27.8	91	62.7	52.7
179	65	27.5	91	63.0	53.0
180	65	27.7	91	62.8	52.8
181	65	29.5	91	61.0	51.0
182	65	29.4	91	61.1	51.1
183	65	29.1	91	61.5	51.5
184	65	33.6	91	56.9	46.9
185	65	32.7	91	57.8	47.8
186	65	32.7	91	57.9	47.9
187	65	32.4	91	58.1	48.1
188	65	31.7	91	58.9	48.9
189	65	32.1	91	58.4	48.4
190	65	32.7	91	57.9	47.9
191	65	33.2	91	57.3	47.3
192	65	33.4	91	57.1	47.1
193	65	30.0	91	60.6	50.6
194	65	30.5	91	60.0	50.0
195	65	29.8	91	60.7	50.7
196	65	29.4	91	61.1	51.1
197	65	28.7	91	61.9	51.9
198	65	28.4	91	62.2	52.2
199	65	27.9	91	62.7	52.7
200	65	27.5	91	63.0	53.0
201	65	28.2	91	62.3	52.3
202	65	27.4	91	63.1	53.1
203	65	26.9	91	63.6	53.6
204	65	26.0	91	64.5	54.5
205	65	25.5	91	65.1	55.1
206	65	25.2	91	65.4	55.4
207	65	24.3	91	66.3	56.3
208	65	22.5	91	68.0	58.0
209	65	23.3	91	67.2	57.2
210	65	23.0	91	67.6	57.6

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
211	65	18.3	91	72.2	62.2
212	65	22.0	91	68.5	58.5
213	65	24.6	91	66.0	56.0
214	65	25.9	91	64.6	54.6
215	65	21.7	91	68.8	58.8
216	65	20.5	91	70.1	60.1
217	65	16.7	91	73.9	63.9
218	65	13.0	91	77.5	67.5
219	65	10.8	91	79.7	69.7
220	65	20.1	91	70.4	60.4
221	65	23.2	91	67.3	57.3
222	65	23.9	91	66.6	56.6
223	65	28.6	91	61.9	51.9
224	65	28.5	91	62.0	52.0
225	65	30.5	91	60.0	50.0
226	65	32.0	91	58.5	48.5
227	65	33.6	91	57.0	47.0
228	65	33.4	91	57.1	47.1
229	65	33.0	91	57.5	47.5
230	65	33.5	91	57.0	47.0
231	65	33.2	91	57.4	47.4
232	65	32.9	91	57.6	47.6
233	65	33.6	91	57.0	47.0
234	65	33.4	91	57.1	47.1
235	65	32.8	91	57.7	47.7
236	65	32.7	91	57.8	47.8
237	65	32.6	91	57.9	47.9
238	65	32.5	91	58.0	48.0
239	65	32.4	91	58.1	48.1
240	65	31.4	91	59.1	49.1
241	65	30.7	91	59.9	49.9
242	65	30.3	91	60.2	50.2
243	65	30.0	91	60.6	50.6
244	65	30.5	91	60.0	50.0
245	65	30.0	91	60.5	50.5

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
246	65	29.8	91	60.7	50.7
247	65	29.7	91	60.8	50.8
248	65	28.9	91	61.6	51.6
249	65	27.5	91	63.0	53.0
250	65	26.3	91	64.2	54.2
251	65	27.2	91	63.3	53.3
252	65	27.8	91	62.8	52.8
253	65	28.4	91	62.2	52.2
254	65	27.3	91	63.3	53.3
255	65	28.1	91	62.5	52.5
256	65	30.3	91	60.2	50.2
257	65	31.0	91	59.6	49.6
258	65	31.8	91	58.7	48.7
259	65	31.9	91	58.6	48.6
260	65	32.1	91	58.4	48.4
261	65	32.4	91	58.1	48.1
262	65	32.6	91	57.9	47.9
263	65	33.7	91	56.8	46.8
264	65	34.2	91	56.3	46.3
265	65	29.3	91	61.2	51.2
266	65	29.4	91	61.1	51.1
267	65	29.6	91	60.9	50.9
268	65	34.3	91	56.3	46.3
269	65	34.7	91	55.8	45.8
270	65	34.9	91	55.6	45.6
271	65	34.1	91	56.4	46.4
272	65	34.3	91	56.2	46.2
273	65	32.4	91	58.1	48.1
274	65	30.8	91	59.7	49.7
275	65	30.6	91	59.9	49.9
276	65	31.5	91	59.1	49.1
277	65	32.0	91	58.5	48.5
278	65	31.8	91	58.7	48.7
279	65	32.2	91	58.3	48.3
280	65	32.9	91	57.7	47.7

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
281	65	32.9	91	57.6	47.6
282	65	33.3	91	57.3	47.3
283	65	33.6	91	56.9	46.9
284	65	34.1	91	56.5	46.5
285	65	34.1	91	56.4	46.4
286	65	34.3	91	56.2	46.2
287	65	34.6	91	56.0	46.0
288	65	35.1	91	55.4	45.4
289	65	35.3	91	55.3	45.3
290	65	35.1	91	55.5	45.5
291	65	35.2	91	55.4	45.4
292	65	35.5	91	55.1	45.1
293	65	35.6	91	54.9	44.9
294	65	35.6	91	54.9	44.9
295	65	35.9	91	54.6	44.6
296	65	36.2	91	54.4	44.4
297	65	36.4	91	54.1	44.1
298	65	35.6	91	55.0	45.0
299	65	35.6	91	55.0	45.0
300	65	34.9	91	55.6	45.6
301	65	34.7	91	55.9	45.9
302	65	34.4	91	56.1	46.1
303	65	34.2	91	56.4	46.4
304	65	33.0	91	57.6	47.6
305	65	34.7	91	55.9	45.9
306	65	35.3	91	55.3	45.3
307	65	30.5	91	60.0	50.0
308	65	31.6	91	59.0	49.0
309	65	30.7	91	59.8	49.8
310	65	32.0	91	58.5	48.5
311	65	33.9	91	56.6	46.6
312	65	33.7	91	56.9	46.9
313	65	33.4	91	57.2	47.2
314	65	35.2	91	55.3	45.3
315	65	34.8	91	55.7	45.7

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
316	65	35.2	91	55.3	45.3
317	65	35.4	91	55.1	45.1
318	65	35.6	91	54.9	44.9
319	65	35.8	91	54.7	44.7
320	65	36.0	91	54.5	44.5
321	65	36.2	91	54.4	44.4
322	65	35.1	91	55.5	45.5
323	65	35.2	91	55.3	45.3
324	65	35.4	91	55.2	45.2
325	65	35.5	91	55.0	45.0
326	65	35.7	91	54.8	44.8
327	65	35.8	91	54.7	44.7
328	65	34.9	91	55.6	45.6
329	65	35.0	91	55.5	45.5
330	65	35.3	91	55.3	45.3
331	65	35.4	91	55.1	45.1
332	65	35.7	91	54.8	44.8
333	65	36.2	91	54.3	44.3
334	65	36.1	91	54.4	44.4
335	65	35.9	91	54.7	44.7
336	65	36.1	91	54.4	44.4
337	65	36.4	91	54.2	44.2
338	65	36.6	91	53.9	43.9
339	65	36.8	91	53.7	43.7
340	65	37.1	91	53.5	43.5
341	65	37.3	91	53.2	43.2
342	65	37.5	91	53.1	43.1
343	65	37.0	91	53.5	43.5
344	65	36.9	91	53.6	43.6
345	65	36.8	91	53.7	43.7
346	65	36.7	91	53.8	43.8
347	65	36.4	91	54.1	44.1
348	65	36.3	91	54.2	44.2
349	65	36.2	91	54.3	44.3
350	65	36.2	91	54.4	44.4

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
351	65	36.1	91	54.4	44.4
352	65	36.4	91	54.1	44.1
353	65	36.7	91	53.9	43.9
354	65	37.5	91	53.0	43.0
355	65	37.9	91	52.6	42.6
356	65	38.9	91	51.7	41.7
357	65	37.4	91	53.1	43.1
358	65	37.3	91	53.3	43.3
359	65	37.1	91	53.4	43.4
360	65	37.0	91	53.5	43.5
361	65	36.8	91	53.7	43.7
362	65	36.8	91	53.8	43.8
363	65	36.6	91	54.0	44.0
364	65	37.6	91	52.9	42.9
365	65	37.7	91	52.8	42.8
366	65	37.7	91	52.9	42.9
367	65	37.8	91	52.8	42.8
368	65	37.9	91	52.7	42.7
369	65	38.2	91	52.4	42.4
370	65	38.2	91	52.3	42.3
371	65	38.1	91	52.4	42.4
372	65	38.0	91	52.5	42.5
373	65	38.7	91	51.8	41.8
374	65	38.6	91	51.9	41.9
375	65	38.5	91	52.0	42.0
376	65	38.4	91	52.1	42.1
377	65	38.6	91	51.9	41.9
378	65	38.7	91	51.8	41.8
379	65	38.8	91	51.7	41.7
380	65	38.9	91	51.6	41.6
381	65	38.0	91	52.5	42.5
382	65	38.2	91	52.3	42.3
383	65	38.4	91	52.2	42.2
384	65	38.5	91	52.0	42.0
385	65	38.7	91	51.8	41.8

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
386	65	38.9	91	51.7	41.7
387	65	39.0	91	51.5	41.5
388	65	39.2	91	51.4	41.4
389	65	39.3	91	51.2	41.2
390	65	39.4	91	51.2	41.2
391	65	39.3	91	51.3	41.3
392	65	39.1	91	51.4	41.4
393	65	39.0	91	51.5	41.5
394	65	38.8	91	51.7	41.7
395	65	38.7	91	51.9	41.9
396	65	38.6	91	52.0	42.0
397	65	41.5	91	49.1	39.1
398	65	41.3	91	49.2	39.2
399	65	41.2	91	49.3	39.3
400	65	41.4	91	49.1	39.1
401	65	41.5	91	49.0	39.0
402	65	41.7	91	48.9	38.9
403	65	40.0	91	50.5	40.5
404	65	40.1	91	50.5	40.5
405	65	40.2	91	50.3	40.3
406	65	40.3	91	50.3	40.3
407	65	40.4	91	50.2	40.2
408	65	40.5	91	50.1	40.1
409	65	40.6	91	49.9	39.9
410	65	40.6	91	49.9	39.9
411	65	40.8	91	49.8	39.8
412	65	40.8	91	49.7	39.7
413	65	41.0	91	49.5	39.5
414	65	41.1	91	49.4	39.4
415	65	41.3	91	49.3	39.3
416	65	41.1	91	49.4	39.4
417	65	41.2	91	49.3	39.3
418	65	41.3	91	49.2	39.2
419	65	41.4	91	49.1	39.1
420	65	41.5	91	49.0	39.0

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
421	65	41.6	91	48.9	38.9
422	65	41.3	91	49.3	39.3
423	65	41.4	91	49.1	39.1
424	65	41.5	91	49.0	39.0
425	65	41.6	91	48.9	38.9
426	65	41.7	91	48.9	38.9
427	65	41.8	91	48.8	38.8
428	65	41.7	91	48.8	38.8
429	65	41.6	91	48.9	38.9
430	65	41.4	91	49.1	39.1
431	65	41.3	91	49.2	39.2
432	65	41.2	91	49.3	39.3
433	65	41.2	91	49.4	39.4
434	65	41.0	91	49.5	39.5
435	65	40.9	91	49.6	39.6
436	65	40.8	91	49.8	39.8
437	65	40.7	91	49.8	39.8
438	65	40.6	91	49.9	39.9
439	65	40.7	91	49.8	39.8
440	65	40.8	91	49.7	39.7
441	65	40.9	91	49.6	39.6
442	65	41.0	91	49.5	39.5
443	65	41.1	91	49.4	39.4
444	65	41.2	91	49.3	39.3
445	65	41.6	91	49.0	39.0
446	65	41.7	91	48.8	38.8
447	65	41.8	91	48.7	38.7
448	65	41.9	91	48.7	38.7
449	65	41.7	91	48.9	38.9
450	65	41.8	91	48.7	38.7
451	65	42.0	91	48.6	38.6
452	65	42.1	91	48.5	38.5
453	65	42.2	91	48.3	38.3
454	65	42.3	91	48.2	38.2
455	65	42.0	91	48.6	38.6

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
456	65	42.1	91	48.5	38.5
457	65	42.1	91	48.4	38.4
458	65	42.2	91	48.3	38.3
459	65	42.3	91	48.3	38.3
460	65	42.4	91	48.2	38.2
461	65	42.4	91	48.1	38.1
462	65	42.5	91	48.0	38.0
463	65	42.6	91	47.9	37.9
464	65	42.8	91	47.8	37.8
465	65	42.9	91	47.6	37.6
466	65	43.1	91	47.4	37.4
467	65	43.2	91	47.3	37.3
468	65	43.4	91	47.1	37.1
469	65	43.6	91	46.9	36.9
470	65	43.7	91	46.9	36.9
471	65	43.9	91	46.6	36.6
472	65	44.0	91	46.5	36.5
473	65	44.5	91	46.0	36.0
474	65	44.9	91	45.7	35.7
475	65	44.8	91	45.7	35.7
476	65	44.8	91	45.8	35.8
477	65	44.8	91	45.7	35.7
478	65	44.8	91	45.7	35.7
479	65	44.9	91	45.7	35.7
480	65	44.9	91	45.6	35.6
481	65	44.9	91	45.6	35.6
482	65	45.0	91	45.5	35.5
483	65	45.0	91	45.6	35.6
484	65	44.9	91	45.6	35.6
485	65	44.9	91	45.6	35.6
486	65	44.9	91	45.7	35.7
487	65	44.8	91	45.7	35.7
488	65	44.8	91	45.7	35.7
489	65	44.2	91	46.3	36.3
490	65	44.5	91	46.0	36.0

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
491	65	44.5	91	46.1	36.1
492	65	44.4	91	46.1	36.1
493	65	44.4	91	46.1	36.1
494	65	44.4	91	46.1	36.1
495	65	44.5	91	46.1	36.1
496	65	44.6	91	46.0	36.0
497	65	44.6	91	45.9	35.9
498	65	44.3	91	46.2	36.2
499	65	44.3	91	46.2	36.2
500	65	44.4	91	46.1	36.1
501	65	44.5	91	46.1	36.1
502	65	44.5	91	46.0	36.0
503	65	44.7	91	45.8	35.8
504	65	44.7	91	45.8	35.8
505	65	44.7	91	45.9	35.9
506	65	44.6	91	45.9	35.9
507	65	44.6	91	45.9	35.9
508	65	44.5	91	46.0	36.0
509	65	44.5	91	46.1	36.1
510	65	44.4	91	46.2	36.2
511	65	44.1	91	46.4	36.4
512	65	44.1	91	46.5	36.5
513	65	44.3	91	46.2	36.2
514	65	44.2	91	46.3	36.3
515	65	44.2	91	46.4	36.4
516	65	44.1	91	46.4	36.4
517	65	44.0	91	46.5	36.5
518	65	44.0	91	46.5	36.5
519	65	43.9	91	46.6	36.6
520	65	43.5	91	47.0	37.0

Table 7.B.6: Construction Noise Predictions for Installation of Flood Embankment (dB)

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
1	65	7.3	91	83.3	73.3
2	65	41.3	91	49.2	39.2
3	65	20.0	91	70.5	60.5
4	65	18.1	91	72.4	62.4
5	65	11.0	91	79.6	69.6
6	65	20.2	91	70.3	60.3
7	65	22.0	91	68.5	58.5
8	65	23.4	91	67.2	57.2
9	65	25.2	91	65.3	55.3
10	65	23.9	91	66.7	56.7
11	65	25.0	91	65.5	55.5
12	65	25.5	91	65.0	55.0
13	65	25.6	91	64.9	54.9
14	65	25.9	91	64.6	54.6
15	65	26.0	91	64.5	54.5
16	65	25.7	91	64.8	54.8
17	65	25.1	91	65.4	55.4
18	65	29.1	91	61.4	51.4
19	65	29.3	91	61.3	51.3
20	65	29.4	91	61.2	51.2
21	65	29.5	91	61.1	51.1
22	65	28.6	91	62.0	52.0
23	65	29.0	91	61.5	51.5
24	65	28.8	91	61.8	51.8
25	65	28.5	91	62.0	52.0
26	65	28.2	91	62.3	52.3
27	65	28.0	91	62.6	52.6
28	65	27.4	91	63.1	53.1
29	65	27.4	91	63.2	53.2
30	65	27.5	91	63.0	53.0
31	65	27.7	91	62.8	52.8
32	65	27.7	91	62.9	52.9
33	65	27.3	91	63.2	53.2
34	65	28.6	91	62.0	52.0
35	65	28.3	91	62.2	52.2

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
36	65	28.9	91	61.6	51.6
37	65	28.8	91	61.8	51.8
38	65	28.3	91	62.2	52.2
39	65	27.8	91	62.7	52.7
40	65	27.6	91	62.9	52.9
41	65	28.1	91	62.5	52.5
42	65	27.9	91	62.6	52.6
43	65	27.4	91	63.1	53.1
44	65	27.3	91	63.3	53.3
45	65	27.1	91	63.5	53.5
46	65	27.5	91	63.0	53.0
47	65	26.8	91	63.7	53.7
48	65	26.3	91	64.2	54.2
49	65	26.1	91	64.4	54.4
50	65	26.0	91	64.6	54.6
51	65	25.9	91	64.7	54.7
52	65	25.8	91	64.7	54.7
53	65	27.7	91	62.8	52.8
54	65	26.8	91	63.7	53.7
55	65	26.5	91	64.0	54.0
56	65	26.3	91	64.2	54.2
57	65	26.1	91	64.4	54.4
58	65	25.7	91	64.8	54.8
59	65	25.6	91	64.9	54.9
60	65	25.3	91	65.2	55.2
61	65	25.1	91	65.4	55.4
62	65	24.9	91	65.7	55.7
63	65	24.7	91	65.9	55.9
64	65	24.4	91	66.1	56.1
65	65	24.2	91	66.3	56.3
66	65	22.5	91	68.1	58.1
67	65	21.7	91	68.8	58.8
68	65	22.2	91	68.3	58.3
69	65	24.2	91	66.4	56.4
70	65	27.9	91	62.7	52.7

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
71	65	28.2	91	62.3	52.3
72	65	29.7	91	60.9	50.9
73	65	28.0	91	62.5	52.5
74	65	28.9	91	61.6	51.6
75	65	31.8	91	58.8	48.8
76	65	31.3	91	59.2	49.2
77	65	31.2	91	59.3	49.3
78	65	31.5	91	59.1	49.1
79	65	32.0	91	58.5	48.5
80	65	32.3	91	58.3	48.3
81	65	32.9	91	57.6	47.6
82	65	33.2	91	57.3	47.3
83	65	33.0	91	57.5	47.5
84	65	32.4	91	58.1	48.1
85	65	33.4	91	57.1	47.1
86	65	33.5	91	57.0	47.0
87	65	33.6	91	56.9	46.9
88	65	33.1	91	57.4	47.4
89	65	32.9	91	57.7	47.7
90	65	33.7	91	56.8	46.8
91	65	32.9	91	57.6	47.6
92	65	33.8	91	56.8	46.8
93	65	34.4	91	56.2	46.2
94	65	35.2	91	55.4	45.4
95	65	35.4	91	55.2	45.2
96	65	34.8	91	55.8	45.8
97	65	35.5	91	55.0	45.0
98	65	36.1	91	54.4	44.4
99	65	35.7	91	54.8	44.8
100	65	35.6	91	55.0	45.0
101	65	35.4	91	55.1	45.1
102	65	36.1	91	54.4	44.4
103	65	35.7	91	54.9	44.9
104	65	34.6	91	55.9	45.9
105	65	34.0	91	56.6	46.6

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
106	65	34.3	91	56.3	46.3
107	65	34.8	91	55.7	45.7
108	65	35.0	91	55.5	45.5
109	65	35.0	91	55.6	45.6
110	65	34.8	91	55.7	45.7
111	65	34.1	91	56.4	46.4
112	65	33.8	91	56.7	46.7
113	65	33.6	91	56.9	46.9
114	65	33.4	91	57.2	47.2
115	65	33.3	91	57.2	47.2
116	65	34.2	91	56.3	46.3
117	65	34.2	91	56.4	46.4
118	65	33.3	91	57.3	47.3
119	65	34.1	91	56.4	46.4
120	65	34.0	91	56.5	46.5
121	65	33.2	91	57.3	47.3
122	65	34.0	91	56.6	46.6
123	65	34.3	91	56.2	46.2
124	65	33.1	91	57.4	47.4
125	65	33.9	91	56.6	46.6
126	65	33.1	91	57.5	47.5
127	65	33.8	91	56.7	46.7
128	65	33.0	91	57.5	47.5
129	65	33.0	91	57.6	47.6
130	65	31.9	91	58.7	48.7
131	65	31.2	91	59.4	49.4
132	65	30.9	91	59.6	49.6
133	65	32.7	91	57.8	47.8
134	65	32.2	91	58.3	48.3
135	65	31.8	91	58.8	48.8
136	65	32.1	91	58.4	48.4
137	65	32.6	91	57.9	47.9
138	65	32.6	91	58.0	48.0
139	65	33.1	91	57.4	47.4
140	65	32.0	91	58.5	48.5

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
141	65	33.1	91	57.4	47.4
142	65	33.6	91	57.0	47.0
143	65	34.0	91	56.5	46.5
144	65	34.1	91	56.4	46.4
145	65	33.8	91	56.8	46.8
146	65	32.9	91	57.6	47.6
147	65	31.5	91	59.1	49.1
148	65	30.8	91	59.7	49.7
149	65	32.8	91	57.8	47.8
150	65	32.6	91	57.9	47.9
151	65	32.1	91	58.4	48.4
152	65	32.2	91	58.3	48.3
153	65	31.9	91	58.6	48.6
154	65	31.7	91	58.9	48.9
155	65	31.4	91	59.1	49.1
156	65	30.4	91	60.1	50.1
157	65	29.8	91	60.8	50.8
158	65	30.2	91	60.3	50.3
159	65	31.3	91	59.2	49.2
160	65	28.7	91	61.8	51.8
161	65	29.0	91	61.6	51.6
162	65	29.1	91	61.4	51.4
163	65	29.3	91	61.2	51.2
164	65	29.3	91	61.2	51.2
165	65	29.5	91	61.0	51.0
166	65	29.5	91	61.0	51.0
167	65	29.7	91	60.8	50.8
168	65	29.0	91	61.5	51.5
169	65	29.1	91	61.5	51.5
170	65	29.1	91	61.4	51.4
171	65	29.8	91	60.7	50.7
172	65	29.6	91	61.0	51.0
173	65	29.3	91	61.3	51.3
174	65	28.9	91	61.6	51.6
175	65	28.5	91	62.0	52.0

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
176	65	28.3	91	62.2	52.2
177	65	27.7	91	62.8	52.8
178	65	28.4	91	62.1	52.1
179	65	27.2	91	63.4	53.4
180	65	27.2	91	63.4	53.4
181	65	27.7	91	62.8	52.8
182	65	27.4	91	63.1	53.1
183	65	26.8	91	63.7	53.7
184	65	26.7	91	63.8	53.8
185	65	27.8	91	62.7	52.7
186	65	27.5	91	63.1	53.1
187	65	26.6	91	63.9	53.9
188	65	29.8	91	60.7	50.7
189	65	28.5	91	62.0	52.0
190	65	28.0	91	62.5	52.5
191	65	27.6	91	62.9	52.9
192	65	26.1	91	64.5	54.5
193	65	26.1	91	64.5	54.5
194	65	26.9	91	63.6	53.6
195	65	26.9	91	63.6	53.6
196	65	27.9	91	62.6	52.6
197	65	27.9	91	62.6	52.6
198	65	28.8	91	61.7	51.7
199	65	28.8	91	61.7	51.7
200	65	29.1	91	61.4	51.4
201	65	22.6	91	68.0	58.0
202	65	22.6	91	68.0	58.0
203	65	25.0	91	65.6	55.6
204	65	22.6	91	68.0	58.0
205	65	21.7	91	68.8	58.8
206	65	20.3	91	70.2	60.2
207	65	19.7	91	70.8	60.8
208	65	18.7	91	71.8	61.8
209	65	18.0	91	72.6	62.6
210	65	22.9	91	67.6	57.6

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
211	65	22.3	91	68.2	58.2
212	65	22.4	91	68.2	58.2
213	65	21.7	91	68.8	58.8
214	65	22.0	91	68.5	58.5
215	65	23.5	91	67.1	57.1
216	65	19.8	91	70.8	60.8
217	65	15.4	91	75.1	65.1
218	65	20.4	91	70.1	60.1
219	65	21.6	91	69.0	59.0
220	65	13.2	91	77.4	67.4
221	65	21.2	91	69.3	59.3
222	65	24.2	91	66.3	56.3
223	65	25.7	91	64.8	54.8
224	65	25.7	91	64.8	54.8
225	65	21.4	91	69.1	59.1
226	65	21.4	91	69.1	59.1
227	65	20.1	91	70.4	60.4
228	65	16.0	91	74.5	64.5
229	65	9.5	91	81.1	71.1
230	65	10.3	91	80.2	70.2
231	65	20.0	91	70.6	60.6
232	65	23.0	91	67.5	57.5
233	65	23.8	91	66.7	56.7
234	65	28.5	91	62.0	52.0
235	65	28.4	91	62.1	52.1
236	65	30.5	91	60.1	50.1
237	65	32.0	91	58.5	48.5
238	65	33.5	91	57.0	47.0
239	65	33.4	91	57.1	47.1
240	65	33.0	91	57.5	47.5
241	65	33.5	91	57.0	47.0
242	65	33.2	91	57.4	47.4
243	65	32.9	91	57.6	47.6
244	65	33.6	91	57.0	47.0
245	65	33.4	91	57.1	47.1

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
246	65	32.9	91	57.7	47.7
247	65	32.7	91	57.8	47.8
248	65	32.6	91	57.9	47.9
249	65	32.5	91	58.0	48.0
250	65	32.4	91	58.1	48.1
251	65	31.5	91	59.0	49.0
252	65	30.7	91	59.8	49.8
253	65	30.4	91	60.2	50.2
254	65	30.0	91	60.5	50.5
255	65	30.5	91	60.0	50.0
256	65	30.0	91	60.5	50.5
257	65	29.8	91	60.7	50.7
258	65	29.7	91	60.8	50.8
259	65	28.9	91	61.6	51.6
260	65	27.5	91	63.0	53.0
261	65	26.3	91	64.2	54.2
262	65	27.3	91	63.3	53.3
263	65	27.9	91	62.7	52.7
264	65	28.5	91	62.0	52.0
265	65	27.5	91	63.1	53.1
266	65	28.4	91	62.2	52.2
267	65	30.5	91	60.0	50.0
268	65	31.1	91	59.5	49.5
269	65	31.9	91	58.6	48.6
270	65	32.1	91	58.5	48.5
271	65	32.3	91	58.3	48.3
272	65	32.6	91	57.9	47.9
273	65	32.8	91	57.7	47.7
274	65	33.9	91	56.7	46.7
275	65	34.3	91	56.2	46.2
276	65	29.6	91	60.9	50.9
277	65	29.7	91	60.8	50.8
278	65	29.9	91	60.6	50.6
279	65	34.4	91	56.2	46.2
280	65	34.8	91	55.7	45.7

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
281	65	35.0	91	55.5	45.5
282	65	34.3	91	56.3	46.3
283	65	34.4	91	56.1	46.1
284	65	32.6	91	57.9	47.9
285	65	31.1	91	59.5	49.5
286	65	30.9	91	59.6	49.6
287	65	31.7	91	58.8	48.8
288	65	32.3	91	58.3	48.3
289	65	32.2	91	58.4	48.4
290	65	32.5	91	58.0	48.0
291	65	33.1	91	57.4	47.4
292	65	33.1	91	57.4	47.4
293	65	33.5	91	57.1	47.1
294	65	33.8	91	56.7	46.7
295	65	34.2	91	56.3	46.3
296	65	34.2	91	56.3	46.3
297	65	34.5	91	56.1	46.1
298	65	34.7	91	55.8	45.8
299	65	35.2	91	55.3	45.3
300	65	35.4	91	55.1	45.1
301	65	35.2	91	55.4	45.4
302	65	35.3	91	55.2	45.2
303	65	35.6	91	54.9	44.9
304	65	35.8	91	54.8	44.8
305	65	35.8	91	54.8	44.8
306	65	36.0	91	54.5	44.5
307	65	36.3	91	54.3	44.3
308	65	36.6	91	54.0	44.0
309	65	35.7	91	54.8	44.8
310	65	35.7	91	54.8	44.8
311	65	35.1	91	55.4	45.4
312	65	34.8	91	55.7	45.7
313	65	34.6	91	56.0	46.0
314	65	34.4	91	56.1	46.1
315	65	33.5	91	57.1	47.1

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
316	65	34.9	91	55.6	45.6
317	65	35.4	91	55.1	45.1
318	65	33.1	91	57.4	47.4
319	65	33.9	91	56.7	46.7
320	65	33.9	91	56.7	46.7
321	65	33.2	91	57.3	47.3
322	65	33.2	91	57.3	47.3
323	65	34.2	91	56.3	46.3
324	65	35.7	91	54.8	44.8
325	65	35.5	91	55.0	45.0
326	65	35.3	91	55.3	45.3
327	65	36.2	91	54.3	44.3
328	65	35.9	91	54.7	44.7
329	65	36.0	91	54.5	44.5
330	65	36.2	91	54.3	44.3
331	65	36.4	91	54.2	44.2
332	65	36.5	91	54.0	44.0
333	65	36.7	91	53.9	43.9
334	65	36.8	91	53.7	43.7
335	65	35.8	91	54.7	44.7
336	65	35.9	91	54.6	44.6
337	65	36.1	91	54.5	44.5
338	65	36.1	91	54.4	44.4
339	65	36.3	91	54.2	44.2
340	65	36.4	91	54.1	44.1
341	65	35.6	91	55.0	45.0
342	65	35.7	91	54.9	44.9
343	65	35.9	91	54.7	44.7
344	65	36.0	91	54.6	44.6
345	65	36.3	91	54.3	44.3
346	65	36.7	91	53.8	43.8
347	65	36.5	91	54.0	44.0
348	65	36.3	91	54.2	44.2
349	65	36.3	91	54.2	44.2
350	65	36.6	91	53.9	43.9

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
351	65	36.8	91	53.7	43.7
352	65	37.0	91	53.5	43.5
353	65	36.5	91	54.0	44.0
354	65	36.7	91	53.8	43.8
355	65	37.1	91	53.5	43.5
356	65	37.3	91	53.3	43.3
357	65	37.7	91	52.8	42.8
358	65	36.8	91	53.7	43.7
359	65	37.5	91	53.0	43.0
360	65	37.2	91	53.3	43.3
361	65	37.2	91	53.4	43.4
362	65	36.5	91	54.1	44.1
363	65	37.1	91	53.4	43.4
364	65	36.3	91	54.2	44.2
365	65	36.6	91	53.9	43.9
366	65	36.8	91	53.7	43.7
367	65	37.7	91	52.9	42.9
368	65	38.0	91	52.5	42.5
369	65	39.0	91	51.5	41.5
370	65	37.8	91	52.7	42.7
371	65	37.6	91	52.9	42.9
372	65	37.5	91	53.1	43.1
373	65	37.5	91	53.1	43.1
374	65	37.2	91	53.3	43.3
375	65	37.3	91	53.3	43.3
376	65	37.1	91	53.4	43.4
377	65	38.1	91	52.5	42.5
378	65	38.1	91	52.4	42.4
379	65	38.1	91	52.4	42.4
380	65	38.2	91	52.3	42.3
381	65	38.4	91	52.2	42.2
382	65	38.6	91	51.9	41.9
383	65	38.6	91	51.9	41.9
384	65	38.5	91	52.0	42.0
385	65	38.4	91	52.2	42.2

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
386	65	39.1	91	51.4	41.4
387	65	39.0	91	51.5	41.5
388	65	38.9	91	51.6	41.6
389	65	38.8	91	51.7	41.7
390	65	39.0	91	51.6	41.6
391	65	39.3	91	51.3	41.3
392	65	39.1	91	51.5	41.5
393	65	39.2	91	51.4	41.4
394	65	38.6	91	51.9	41.9
395	65	38.8	91	51.8	41.8
396	65	38.9	91	51.6	41.6
397	65	39.1	91	51.4	41.4
398	65	39.3	91	51.2	41.2
399	65	39.4	91	51.1	41.1
400	65	39.6	91	50.9	40.9
401	65	39.7	91	50.8	40.8
402	65	39.9	91	50.6	40.6
403	65	39.9	91	50.6	40.6
404	65	39.8	91	50.7	40.7
405	65	39.7	91	50.9	40.9
406	65	39.5	91	51.0	41.0
407	65	39.4	91	51.1	41.1
408	65	39.2	91	51.3	41.3
409	65	39.1	91	51.4	41.4
410	65	41.9	91	48.7	38.7
411	65	41.7	91	48.8	38.8
412	65	41.6	91	48.9	38.9
413	65	41.8	91	48.7	38.7
414	65	41.9	91	48.6	38.6
415	65	42.1	91	48.5	38.5
416	65	40.1	91	50.4	40.4
417	65	40.2	91	50.3	40.3
418	65	40.3	91	50.2	40.2
419	65	40.4	91	50.1	40.1
420	65	40.5	91	50.0	40.0

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
421	65	40.6	91	49.9	39.9
422	65	40.7	91	49.8	39.8
423	65	40.8	91	49.7	39.7
424	65	40.9	91	49.6	39.6
425	65	41.9	91	48.6	38.6
426	65	41.0	91	49.5	39.5
427	65	42.0	91	48.5	38.5
428	65	42.2	91	48.4	38.4
429	65	41.2	91	49.3	39.3
430	65	41.4	91	49.1	39.1
431	65	41.3	91	49.3	39.3
432	65	41.6	91	48.9	38.9
433	65	42.4	91	48.1	38.1
434	65	41.7	91	48.8	38.8
435	65	41.8	91	48.8	38.8
436	65	42.4	91	48.2	38.2
437	65	42.5	91	48.0	38.0
438	65	41.5	91	49.0	39.0
439	65	41.5	91	49.0	39.0
440	65	42.3	91	48.3	38.3
441	65	41.6	91	48.9	38.9
442	65	42.1	91	48.5	38.5
443	65	41.7	91	48.8	38.8
444	65	42.2	91	48.4	38.4
445	65	41.8	91	48.8	38.8
446	65	42.3	91	48.2	38.2
447	65	41.9	91	48.7	38.7
448	65	42.4	91	48.2	38.2
449	65	41.9	91	48.6	38.6
450	65	41.8	91	48.7	38.7
451	65	41.7	91	48.8	38.8
452	65	41.5	91	49.0	39.0
453	65	41.5	91	49.1	39.1
454	65	41.3	91	49.2	39.2
455	65	41.3	91	49.3	39.3

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
456	65	41.1	91	49.4	39.4
457	65	41.1	91	49.5	39.5
458	65	40.9	91	49.6	39.6
459	65	40.8	91	49.7	39.7
460	65	40.8	91	49.8	39.8
461	65	41.4	91	49.1	39.1
462	65	40.8	91	49.7	39.7
463	65	40.9	91	49.6	39.6
464	65	41.0	91	49.5	39.5
465	65	41.1	91	49.4	39.4
466	65	41.2	91	49.3	39.3
467	65	41.3	91	49.2	39.2
468	65	41.7	91	48.9	38.9
469	65	41.8	91	48.8	38.8
470	65	41.9	91	48.6	38.6
471	65	42.0	91	48.6	38.6
472	65	41.7	91	48.8	38.8
473	65	42.2	91	48.3	38.3
474	65	42.6	91	48.0	38.0
475	65	42.7	91	47.9	37.9
476	65	42.8	91	47.7	37.7
477	65	43.0	91	47.5	37.5
478	65	43.2	91	47.4	37.4
479	65	43.3	91	47.2	37.2
480	65	43.4	91	47.1	37.1
481	65	43.7	91	46.9	36.9
482	65	43.7	91	46.8	36.8
483	65	44.0	91	46.5	36.5
484	65	44.1	91	46.4	36.4
485	65	44.6	91	46.0	36.0
486	65	44.9	91	45.6	35.6
487	65	44.9	91	45.7	35.7
488	65	44.8	91	45.7	35.7
489	65	44.8	91	45.7	35.7
490	65	44.9	91	45.6	35.6

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
491	65	44.9	91	45.6	35.6
492	65	44.9	91	45.6	35.6
493	65	45.0	91	45.6	35.6
494	65	45.0	91	45.5	35.5
495	65	45.0	91	45.5	35.5
496	65	45.0	91	45.5	35.5
497	65	44.9	91	45.6	35.6
498	65	44.9	91	45.6	35.6
499	65	44.9	91	45.7	35.7
500	65	44.8	91	45.7	35.7
501	65	44.3	91	46.2	36.2
502	65	44.6	91	46.0	36.0
503	65	44.5	91	46.0	36.0
504	65	44.5	91	46.1	36.1
505	65	44.4	91	46.1	36.1
506	65	44.5	91	46.1	36.1
507	65	44.5	91	46.0	36.0
508	65	44.6	91	45.9	35.9
509	65	44.7	91	45.9	35.9
510	65	44.3	91	46.2	36.2
511	65	44.4	91	46.1	36.1
512	65	44.5	91	46.1	36.1
513	65	44.5	91	46.0	36.0
514	65	44.6	91	46.0	36.0
515	65	44.8	91	45.8	35.8
516	65	44.7	91	45.8	35.8
517	65	44.7	91	45.8	35.8
518	65	44.7	91	45.9	35.9
519	65	44.7	91	45.9	35.9
520	65	44.6	91	46.0	36.0

Table 7.B.7: Construction Noise Predictions for Installation of Groynes (dB)

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
1	65	40.6	91	49.9	39.9
2	65	31.7	91	58.8	48.8
3	65	40.5	91	50.0	40.0
4	65	39.1	91	51.5	41.5
5	65	40.3	91	50.2	40.2
6	65	38.8	91	51.7	41.7
7	65	38.6	91	52.0	42.0
8	65	38.4	91	52.2	42.2
9	65	38.0	91	52.6	42.6
10	65	38.3	91	52.3	42.3
11	65	39.6	91	51.0	41.0
12	65	39.5	91	51.1	41.1
13	65	39.4	91	51.2	41.2
14	65	39.3	91	51.3	41.3
15	65	39.2	91	51.4	41.4
16	65	39.1	91	51.5	41.5
17	65	39.0	91	51.5	41.5
18	65	38.7	91	51.8	41.8
19	65	38.6	91	51.9	41.9
20	65	38.5	91	52.0	42.0
21	65	38.5	91	52.1	42.1
22	65	38.7	91	51.9	41.9
23	65	38.4	91	52.1	42.1
24	65	38.4	91	52.1	42.1
25	65	38.4	91	52.1	42.1
26	65	38.5	91	52.1	42.1
27	65	38.5	91	52.1	42.1
28	65	38.7	91	51.8	41.8
29	65	38.6	91	51.9	41.9
30	65	38.5	91	52.0	42.0
31	65	38.3	91	52.2	42.2
32	65	38.2	91	52.3	42.3
33	65	38.3	91	52.2	42.2
34	65	37.8	91	52.7	42.7
35	65	37.8	91	52.7	42.7

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
36	65	37.5	91	53.1	43.1
37	65	37.5	91	53.1	43.1
38	65	37.6	91	52.9	42.9
39	65	37.6	91	52.9	42.9
40	65	37.7	91	52.8	42.8
41	65	37.7	91	52.8	42.8
42	65	37.8	91	52.7	42.7
43	65	37.8	91	52.7	42.7
44	65	37.9	91	52.6	42.6
45	65	38.0	91	52.5	42.5
46	65	38.0	91	52.5	42.5
47	65	38.1	91	52.4	42.4
48	65	38.5	91	52.1	42.1
49	65	38.6	91	52.0	42.0
50	65	38.7	91	51.9	41.9
51	65	38.8	91	51.8	41.8
52	65	38.8	91	51.7	41.7
53	65	37.6	91	53.0	43.0
54	65	37.8	91	52.7	42.7
55	65	38.0	91	52.6	42.6
56	65	38.1	91	52.5	42.5
57	65	38.2	91	52.4	42.4
58	65	38.3	91	52.2	42.2
59	65	38.4	91	52.2	42.2
60	65	38.5	91	52.1	42.1
61	65	38.6	91	52.0	42.0
62	65	38.7	91	51.9	41.9
63	65	38.7	91	51.8	41.8
64	65	38.8	91	51.7	41.7
65	65	39.0	91	51.6	41.6
66	65	39.2	91	51.3	41.3
67	65	39.4	91	51.1	41.1
68	65	40.0	91	50.5	40.5
69	65	38.3	91	52.3	42.3
70	65	37.3	91	53.3	43.3

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
71	65	37.1	91	53.4	43.4
72	65	36.5	91	54.0	44.0
73	65	37.4	91	53.2	43.2
74	65	37.1	91	53.4	43.4
75	65	36.2	91	54.3	44.3
76	65	35.7	91	54.9	44.9
77	65	36.3	91	54.2	44.2
78	65	35.8	91	54.7	44.7
79	65	35.3	91	55.2	45.2
80	65	35.8	91	54.7	44.7
81	65	35.4	91	55.1	45.1
82	65	34.9	91	55.7	45.7
83	65	35.2	91	55.3	45.3
84	65	35.1	91	55.5	45.5
85	65	34.4	91	56.2	46.2
86	65	33.9	91	56.6	46.6
87	65	34.2	91	56.3	46.3
88	65	34.6	91	55.9	45.9
89	65	34.8	91	55.8	45.8
90	65	33.9	91	56.7	46.7
91	65	34.6	91	56.0	46.0
92	65	33.7	91	56.8	46.8
93	65	33.1	91	57.4	47.4
94	65	31.6	91	58.9	48.9
95	65	32.0	91	58.5	48.5
96	65	29.9	91	60.6	50.6
97	65	29.9	91	60.6	50.6
98	65	30.0	91	60.5	50.5
99	65	29.2	91	61.4	51.4
100	65	28.6	91	62.0	52.0
101	65	28.4	91	62.2	52.2
102	65	27.8	91	62.7	52.7
103	65	26.9	91	63.7	53.7
104	65	27.9	91	62.7	52.7
105	65	26.8	91	63.7	53.7

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
106	65	26.3	91	64.3	54.3
107	65	26.2	91	64.4	54.4
108	65	25.9	91	64.6	54.6
109	65	24.2	91	66.3	56.3
110	65	23.1	91	67.4	57.4
111	65	18.6	91	71.9	61.9
112	65	19.9	91	70.6	60.6
113	65	20.7	91	69.8	59.8
114	65	21.8	91	68.8	58.8
115	65	21.4	91	69.1	59.1
116	65	17.2	91	73.4	63.4
117	65	17.0	91	73.5	63.5
118	65	21.1	91	69.4	59.4
119	65	16.9	91	73.7	63.7
120	65	16.9	91	73.7	63.7
121	65	21.0	91	69.5	59.5
122	65	16.7	91	73.9	63.9
123	65	12.9	91	77.7	67.7
124	65	21.0	91	69.5	59.5
125	65	16.5	91	74.0	64.0
126	65	21.2	91	69.4	59.4
127	65	17.4	91	73.1	63.1
128	65	21.4	91	69.2	59.2
129	65	21.6	91	69.0	59.0
130	65	24.5	91	66.0	56.0
131	65	25.2	91	65.3	55.3
132	65	25.5	91	65.0	55.0
133	65	22.2	91	68.3	58.3
134	65	23.0	91	67.5	57.5
135	65	23.7	91	66.9	56.9
136	65	22.7	91	67.8	57.8
137	65	21.3	91	69.2	59.2
138	65	21.0	91	69.5	59.5
139	65	18.4	91	72.1	62.1
140	65	22.6	91	67.9	57.9

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
141	65	18.1	91	72.5	62.5
142	65	15.9	91	74.6	64.6
143	65	11.8	91	78.8	68.8
144	65	16.5	91	74.0	64.0
145	65	17.2	91	73.3	63.3
146	65	19.8	91	70.8	60.8
147	65	24.1	91	66.4	56.4
148	65	25.4	91	65.1	55.1
149	65	20.8	91	69.8	59.8
150	65	20.1	91	70.4	60.4
151	65	20.9	91	69.6	59.6
152	65	22.5	91	68.0	58.0
153	65	23.6	91	66.9	56.9
154	65	22.5	91	68.1	58.1
155	65	22.8	91	67.7	57.7
156	65	25.0	91	65.6	55.6
157	65	26.3	91	64.3	54.3
158	65	26.1	91	64.5	54.5
159	65	24.5	91	66.0	56.0
160	65	27.6	91	62.9	52.9
161	65	27.5	91	63.0	53.0
162	65	27.4	91	63.1	53.1
163	65	27.4	91	63.1	53.1
164	65	27.4	91	63.2	53.2
165	65	27.4	91	63.1	53.1
166	65	28.1	91	62.4	52.4
167	65	28.1	91	62.4	52.4
168	65	28.0	91	62.5	52.5
169	65	27.1	91	63.5	53.5
170	65	27.4	91	63.1	53.1
171	65	27.7	91	62.8	52.8
172	65	28.1	91	62.4	52.4
173	65	28.6	91	62.0	52.0
174	65	28.8	91	61.8	51.8
175	65	29.3	91	61.3	51.3

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
176	65	28.7	91	61.8	51.8
177	65	29.4	91	61.1	51.1
178	65	29.4	91	61.2	51.2
179	65	29.6	91	60.9	50.9
180	65	30.1	91	60.5	50.5
181	65	30.1	91	60.4	50.4
182	65	29.2	91	61.4	51.4
183	65	29.5	91	61.1	51.1
184	65	30.1	91	60.4	50.4
185	65	33.4	91	57.1	47.1
186	65	33.1	91	57.5	47.5
187	65	34.2	91	56.3	46.3
188	65	34.1	91	56.4	46.4
189	65	34.8	91	55.8	45.8
190	65	34.8	91	55.7	45.7
191	65	34.9	91	55.6	45.6
192	65	35.1	91	55.4	45.4
193	65	35.4	91	55.1	45.1
194	65	34.6	91	55.9	45.9
195	65	32.8	91	57.7	47.7
196	65	34.0	91	56.5	46.5
197	65	33.9	91	56.6	46.6
198	65	33.7	91	56.8	46.8
199	65	33.6	91	56.9	46.9
200	65	33.6	91	57.0	47.0
201	65	33.6	91	57.0	47.0
202	65	32.1	91	58.4	48.4
203	65	32.2	91	58.4	48.4
204	65	32.1	91	58.4	48.4
205	65	32.3	91	58.2	48.2
206	65	32.3	91	58.2	48.2
207	65	31.8	91	58.7	48.7
208	65	32.9	91	57.6	47.6
209	65	33.7	91	56.8	46.8
210	65	32.8	91	57.7	47.7

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
211	65	32.5	91	58.0	48.0
212	65	33.8	91	56.7	46.7
213	65	32.5	91	58.0	48.0
214	65	31.4	91	59.1	49.1
215	65	30.3	91	60.2	50.2
216	65	32.0	91	58.6	48.6
217	65	32.4	91	58.1	48.1
218	65	33.0	91	57.5	47.5
219	65	33.7	91	56.8	46.8
220	65	33.2	91	57.3	47.3
221	65	31.9	91	58.6	48.6
222	65	31.3	91	59.2	49.2
223	65	30.5	91	60.0	50.0
224	65	27.7	91	62.8	52.8
225	65	27.8	91	62.7	52.7
226	65	25.1	91	65.4	55.4
227	65	22.1	91	68.5	58.5
228	65	16.9	91	73.6	63.6
229	65	17.2	91	73.4	63.4
230	65	17.5	91	73.0	63.0
231	65	15.0	91	75.6	65.6
232	65	15.8	91	74.7	64.7
233	65	16.7	91	73.8	63.8
234	65	11.6	91	78.9	68.9
235	65	6.3	91	84.3	74.3
236	65	15.1	91	75.5	65.5
237	65	15.3	91	75.3	65.3
238	65	15.7	91	74.9	64.9
239	65	17.9	91	72.6	62.6
240	65	19.7	91	70.8	60.8
241	65	23.2	91	67.3	57.3
242	65	24.5	91	66.0	56.0
243	65	24.7	91	65.8	55.8
244	65	25.0	91	65.5	55.5
245	65	23.7	91	66.9	56.9

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
246	65	24.6	91	65.9	55.9
247	65	25.1	91	65.5	55.5
248	65	25.4	91	65.2	55.2
249	65	26.4	91	64.1	54.1
250	65	28.0	91	62.5	52.5
251	65	29.0	91	61.5	51.5
252	65	28.5	91	62.1	52.1
253	65	28.1	91	62.5	52.5
254	65	27.7	91	62.8	52.8
255	65	29.2	91	61.3	51.3
256	65	29.2	91	61.3	51.3
257	65	26.2	91	64.3	54.3
258	65	24.4	91	66.2	56.2
259	65	22.1	91	68.4	58.4
260	65	22.8	91	67.7	57.7
261	65	23.1	91	67.5	57.5
262	65	23.1	91	67.4	57.4
263	65	24.5	91	66.1	56.1
264	65	20.4	91	70.1	60.1
265	65	11.9	91	78.6	68.6
266	65	28.8	91	61.8	51.8
267	65	28.9	91	61.6	51.6
268	65	29.0	91	61.5	51.5
269	65	18.3	91	72.2	62.2
270	65	17.5	91	73.0	63.0
271	65	18.9	91	71.7	61.7
272	65	20.7	91	69.9	59.9
273	65	21.2	91	69.4	59.4
274	65	26.0	91	64.5	54.5
275	65	28.4	91	62.1	52.1
276	65	29.2	91	61.3	51.3
277	65	28.3	91	62.2	52.2
278	65	28.0	91	62.5	52.5
279	65	29.2	91	61.3	51.3
280	65	29.0	91	61.5	51.5

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
281	65	27.9	91	62.7	52.7
282	65	26.1	91	64.5	54.5
283	65	25.9	91	64.7	54.7
284	65	25.5	91	65.0	55.0
285	65	24.1	91	66.4	56.4
286	65	22.6	91	67.9	57.9
287	65	22.1	91	68.5	58.5
288	65	21.6	91	68.9	58.9
289	65	20.0	91	70.6	60.6
290	65	17.4	91	73.2	63.2
291	65	16.9	91	73.6	63.6
292	65	15.5	91	75.0	65.0
293	65	12.0	91	78.5	68.5
294	65	11.6	91	78.9	68.9
295	65	14.5	91	76.0	66.0
296	65	17.3	91	73.2	63.2
297	65	16.7	91	73.8	63.8
298	65	19.3	91	71.2	61.2
299	65	19.8	91	70.8	60.8
300	65	21.3	91	69.2	59.2
301	65	23.1	91	67.4	57.4
302	65	24.3	91	66.3	56.3
303	65	25.1	91	65.4	55.4
304	65	27.0	91	63.5	53.5
305	65	29.5	91	61.1	51.1
306	65	27.1	91	63.4	53.4
307	65	24.5	91	66.0	56.0
308	65	38.3	91	52.2	42.2
309	65	38.9	91	51.7	41.7
310	65	38.6	91	51.9	41.9
311	65	38.3	91	52.3	42.3
312	65	39.1	91	51.5	41.5
313	65	38.6	91	51.9	41.9
314	65	38.0	91	52.5	42.5
315	65	33.9	91	56.7	46.7

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
316	65	33.5	91	57.0	47.0
317	65	32.1	91	58.5	48.5
318	65	31.8	91	58.8	48.8
319	65	31.4	91	59.1	49.1
320	65	31.1	91	59.5	49.5
321	65	30.7	91	59.8	49.8
322	65	30.3	91	60.3	50.3
323	65	31.5	91	59.0	49.0
324	65	31.3	91	59.2	49.2
325	65	30.8	91	59.7	49.7
326	65	30.6	91	60.0	50.0
327	65	30.2	91	60.4	50.4
328	65	29.9	91	60.6	50.6
329	65	30.7	91	59.8	49.8
330	65	30.4	91	60.1	50.1
331	65	30.0	91	60.6	50.6
332	65	29.7	91	60.9	50.9
333	65	29.0	91	61.5	51.5
334	65	28.6	91	61.9	51.9
335	65	28.0	91	62.5	52.5
336	65	28.0	91	62.6	52.6
337	65	25.3	91	65.2	55.2
338	65	24.6	91	66.0	56.0
339	65	23.8	91	66.7	56.7
340	65	23.2	91	67.3	57.3
341	65	26.3	91	64.2	54.2
342	65	26.7	91	63.8	53.8
343	65	26.2	91	64.3	54.3
344	65	22.7	91	67.8	57.8
345	65	23.5	91	67.0	57.0
346	65	26.8	91	63.7	53.7
347	65	22.8	91	67.7	57.7
348	65	24.3	91	66.2	56.2
349	65	24.7	91	65.8	55.8
350	65	26.0	91	64.6	54.6

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
351	65	25.8	91	64.8	54.8
352	65	23.9	91	66.7	56.7
353	65	22.9	91	67.6	57.6
354	65	21.1	91	69.5	59.5
355	65	15.4	91	75.1	65.1
356	65	15.9	91	74.7	64.7
357	65	22.1	91	68.4	58.4
358	65	27.4	91	63.1	53.1
359	65	27.1	91	63.4	53.4
360	65	26.8	91	63.8	53.8
361	65	28.4	91	62.1	52.1
362	65	28.2	91	62.4	52.4
363	65	29.4	91	61.2	51.2
364	65	29.1	91	61.4	51.4
365	65	28.6	91	61.9	51.9
366	65	28.4	91	62.1	52.1
367	65	29.4	91	61.1	51.1
368	65	29.7	91	60.8	50.8
369	65	30.0	91	60.6	50.6
370	65	29.9	91	60.6	50.6
371	65	29.4	91	61.2	51.2
372	65	29.0	91	61.5	51.5
373	65	28.7	91	61.9	51.9
374	65	30.1	91	60.5	50.5
375	65	29.8	91	60.8	50.8
376	65	29.4	91	61.1	51.1
377	65	29.1	91	61.5	51.5
378	65	28.7	91	61.8	51.8
379	65	29.8	91	60.8	50.8
380	65	29.1	91	61.5	51.5
381	65	29.5	91	61.0	51.0
382	65	32.2	91	58.3	48.3
383	65	32.5	91	58.1	48.1
384	65	32.7	91	57.9	47.9
385	65	33.3	91	57.2	47.2

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
386	65	33.5	91	57.0	47.0
387	65	33.7	91	56.9	46.9
388	65	33.9	91	56.7	46.7
389	65	34.0	91	56.5	46.5
390	65	34.2	91	56.3	46.3
391	65	33.9	91	56.7	46.7
392	65	33.7	91	56.8	46.8
393	65	33.5	91	57.0	47.0
394	65	33.4	91	57.2	47.2
395	65	33.2	91	57.4	47.4
396	65	33.0	91	57.5	47.5
397	65	32.9	91	57.7	47.7
398	65	36.2	91	54.3	44.3
399	65	35.8	91	54.8	44.8
400	65	35.4	91	55.1	45.1
401	65	35.5	91	55.1	45.1
402	65	35.8	91	54.7	44.7
403	65	36.1	91	54.4	44.4
404	65	26.1	91	64.4	54.4
405	65	26.6	91	63.9	53.9
406	65	27.3	91	63.2	53.2
407	65	27.7	91	62.9	52.9
408	65	28.3	91	62.2	52.2
409	65	28.7	91	61.9	51.9
410	65	29.2	91	61.3	51.3
411	65	29.5	91	61.0	51.0
412	65	30.1	91	60.4	50.4
413	65	31.3	91	59.3	49.3
414	65	30.4	91	60.2	50.2
415	65	31.6	91	58.9	48.9
416	65	31.9	91	58.6	48.6
417	65	30.8	91	59.7	49.7
418	65	31.7	91	58.8	48.8
419	65	30.9	91	59.6	49.6
420	65	31.9	91	58.7	48.7

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
421	65	33.2	91	57.4	47.4
422	65	31.9	91	58.6	48.6
423	65	32.0	91	58.5	48.5
424	65	32.6	91	57.9	47.9
425	65	33.3	91	57.2	47.2
426	65	31.8	91	58.7	48.7
427	65	32.6	91	58.0	48.0
428	65	32.3	91	58.2	48.2
429	65	32.6	91	57.9	47.9
430	65	32.4	91	58.1	48.1
431	65	32.6	91	57.9	47.9
432	65	32.6	91	58.0	48.0
433	65	32.7	91	57.8	47.8
434	65	32.9	91	57.7	47.7
435	65	32.7	91	57.8	47.8
436	65	33.0	91	57.5	47.5
437	65	32.8	91	57.7	47.7
438	65	31.8	91	58.7	48.7
439	65	31.6	91	59.0	49.0
440	65	30.9	91	59.6	49.6
441	65	30.8	91	59.7	49.7
442	65	30.0	91	60.5	50.5
443	65	29.9	91	60.6	50.6
444	65	29.7	91	60.8	50.8
445	65	29.6	91	60.9	50.9
446	65	29.0	91	61.6	51.6
447	65	28.6	91	61.9	51.9
448	65	28.1	91	62.5	52.5
449	65	31.0	91	59.5	49.5
450	65	28.2	91	62.3	52.3
451	65	28.3	91	62.2	52.2
452	65	28.5	91	62.0	52.0
453	65	28.7	91	61.9	51.9
454	65	29.2	91	61.3	51.3
455	65	29.6	91	60.9	50.9

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
456	65	30.9	91	59.7	49.7
457	65	31.3	91	59.3	49.3
458	65	31.7	91	58.8	48.8
459	65	31.7	91	58.8	48.8
460	65	30.8	91	59.8	49.8
461	65	32.7	91	57.9	47.9
462	65	33.5	91	57.1	47.1
463	65	33.3	91	57.2	47.2
464	65	33.8	91	56.8	46.8
465	65	34.3	91	56.3	46.3
466	65	34.7	91	55.8	45.8
467	65	35.0	91	55.5	45.5
468	65	35.4	91	55.1	45.1
469	65	36.0	91	54.6	44.6
470	65	36.1	91	54.5	44.5
471	65	36.7	91	53.8	43.8
472	65	37.0	91	53.5	43.5
473	65	38.2	91	52.3	42.3
474	65	38.8	91	51.7	41.7
475	65	38.7	91	51.8	41.8
476	65	38.6	91	52.0	42.0
477	65	38.6	91	51.9	41.9
478	65	38.7	91	51.8	41.8
479	65	38.7	91	51.8	41.8
480	65	38.8	91	51.7	41.7
481	65	38.9	91	51.7	41.7
482	65	39.0	91	51.5	41.5
483	65	38.9	91	51.6	41.6
484	65	38.9	91	51.7	41.7
485	65	38.8	91	51.7	41.7
486	65	38.7	91	51.8	41.8
487	65	38.6	91	51.9	41.9
488	65	38.6	91	52.0	42.0
489	65	37.5	91	53.0	43.0
490	65	38.1	91	52.5	42.5

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
491	65	37.9	91	52.6	42.6
492	65	37.8	91	52.7	42.7
493	65	37.7	91	52.8	42.8
494	65	37.8	91	52.7	42.7
495	65	37.9	91	52.6	42.6
496	65	38.1	91	52.5	42.5
497	65	38.2	91	52.3	42.3
498	65	37.5	91	53.0	43.0
499	65	37.6	91	52.9	42.9
500	65	37.8	91	52.8	42.8
501	65	37.9	91	52.6	42.6
502	65	38.0	91	52.5	42.5
503	65	38.4	91	52.1	42.1
504	65	38.4	91	52.2	42.2
505	65	38.3	91	52.2	42.2
506	65	38.2	91	52.3	42.3
507	65	38.2	91	52.3	42.3
508	65	38.0	91	52.5	42.5
509	65	37.9	91	52.6	42.6
510	65	37.7	91	52.8	42.8
511	65	37.2	91	53.4	43.4
512	65	37.0	91	53.5	43.5
513	65	37.5	91	53.0	43.0
514	65	37.4	91	53.1	43.1
515	65	37.2	91	53.3	43.3
516	65	37.1	91	53.4	43.4
517	65	37.0	91	53.6	43.6
518	65	36.9	91	53.6	43.6
519	65	36.8	91	53.8	43.8
520	65	35.8	91	54.8	44.8

Table 7.B.8: Construction Noise Predictions for Beach Nourishment (dB)

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
1	65	39.4	89	49.1	39.1
2	65	26.1	89	62.4	52.4
3	65	39.2	89	49.3	39.3
4	65	37.5	89	51.0	41.0
5	65	39.0	89	49.5	39.5
6	65	37.3	89	51.2	41.2
7	65	37.0	89	51.5	41.5
8	65	36.8	89	51.7	41.7
9	65	36.3	89	52.2	42.2
10	65	36.6	89	51.9	41.9
11	65	38.0	89	50.5	40.5
12	65	37.8	89	50.7	40.7
13	65	37.7	89	50.8	40.8
14	65	37.6	89	50.9	40.9
15	65	37.5	89	51.0	41.0
16	65	37.3	89	51.2	41.2
17	65	37.3	89	51.2	41.2
18	65	36.8	89	51.7	41.7
19	65	36.7	89	51.8	41.8
20	65	36.6	89	51.9	41.9
21	65	36.5	89	52.0	42.0
22	65	36.8	89	51.7	41.7
23	65	36.5	89	52.0	42.0
24	65	36.5	89	52.0	42.0
25	65	36.5	89	52.0	42.0
26	65	36.6	89	51.9	41.9
27	65	36.6	89	51.9	41.9
28	65	36.9	89	51.6	41.6
29	65	36.8	89	51.7	41.7
30	65	36.6	89	51.9	41.9
31	65	36.5	89	52.0	42.0
32	65	36.3	89	52.2	42.2
33	65	36.4	89	52.1	42.1
34	65	35.8	89	52.7	42.7
35	65	35.8	89	52.7	42.7

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
36	65	35.4	89	53.1	43.1
37	65	35.4	89	53.1	43.1
38	65	35.6	89	52.9	42.9
39	65	35.6	89	52.9	42.9
40	65	35.7	89	52.8	42.8
41	65	35.7	89	52.8	42.8
42	65	35.8	89	52.7	42.7
43	65	35.9	89	52.6	42.6
44	65	35.9	89	52.6	42.6
45	65	36.1	89	52.4	42.4
46	65	36.1	89	52.4	42.4
47	65	36.2	89	52.3	42.3
48	65	36.6	89	51.9	41.9
49	65	36.8	89	51.7	41.7
50	65	36.9	89	51.6	41.6
51	65	37.0	89	51.5	41.5
52	65	37.1	89	51.4	41.4
53	65	35.6	89	52.9	42.9
54	65	35.9	89	52.6	42.6
55	65	36.1	89	52.4	42.4
56	65	36.2	89	52.3	42.3
57	65	36.3	89	52.2	42.2
58	65	36.5	89	52.0	42.0
59	65	36.6	89	51.9	41.9
60	65	36.7	89	51.8	41.8
61	65	36.8	89	51.7	41.7
62	65	36.9	89	51.6	41.6
63	65	37.0	89	51.5	41.5
64	65	37.1	89	51.4	41.4
65	65	37.3	89	51.2	41.2
66	65	37.6	89	50.9	40.9
67	65	37.9	89	50.6	40.6
68	65	38.6	89	49.9	39.9
69	65	36.6	89	51.9	41.9
70	65	35.3	89	53.2	43.2

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
71	65	35.2	89	53.3	43.3
72	65	34.4	89	54.1	44.1
73	65	35.7	89	52.8	42.8
74	65	35.4	89	53.1	43.1
75	65	33.7	89	54.8	44.8
76	65	33.6	89	54.9	44.9
77	65	34.8	89	53.7	43.7
78	65	34.0	89	54.5	44.5
79	65	33.2	89	55.3	45.3
80	65	34.2	89	54.3	44.3
81	65	33.9	89	54.6	44.6
82	65	33.3	89	55.2	45.2
83	65	33.8	89	54.7	44.7
84	65	33.8	89	54.7	44.7
85	65	32.6	89	55.9	45.9
86	65	31.9	89	56.6	46.6
87	65	32.1	89	56.4	46.4
88	65	32.6	89	55.9	45.9
89	65	32.7	89	55.8	45.8
90	65	31.5	89	57.0	47.0
91	65	32.2	89	56.3	46.3
92	65	30.8	89	57.7	47.7
93	65	29.8	89	58.7	48.7
94	65	27.4	89	61.1	51.1
95	65	27.8	89	60.7	50.7
96	65	25.0	89	63.5	53.5
97	65	23.9	89	64.6	54.6
98	65	23.4	89	65.1	55.1
99	65	21.8	89	66.7	56.7
100	65	20.6	89	67.9	57.9
101	65	20.5	89	68.0	58.0
102	65	17.1	89	71.4	61.4
103	65	14.6	89	73.9	63.9
104	65	21.7	89	66.8	56.8
105	65	22.1	89	66.4	56.4

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
106	65	20.5	89	68.0	58.0
107	65	17.9	89	70.6	60.6
108	65	15.9	89	72.6	62.6
109	65	13.4	89	75.1	65.1
110	65	14.0	89	74.5	64.5
111	65	15.7	89	72.8	62.8
112	65	17.8	89	70.7	60.7
113	65	19.1	89	69.4	59.4
114	65	20.4	89	68.1	58.1
115	65	20.4	89	68.1	58.1
116	65	14.4	89	74.1	64.1
117	65	15.0	89	73.5	63.5
118	65	20.5	89	68.0	58.0
119	65	15.4	89	73.1	63.1
120	65	15.9	89	72.6	62.6
121	65	20.6	89	67.9	57.9
122	65	16.1	89	72.4	62.4
123	65	11.9	89	76.6	66.6
124	65	20.7	89	67.8	57.8
125	65	15.9	89	72.6	62.6
126	65	20.8	89	67.7	57.7
127	65	16.8	89	71.7	61.7
128	65	20.8	89	67.7	57.7
129	65	20.5	89	68.0	58.0
130	65	23.8	89	64.7	54.7
131	65	24.9	89	63.6	53.6
132	65	25.2	89	63.3	53.3
133	65	21.1	89	67.4	57.4
134	65	22.4	89	66.1	56.1
135	65	23.3	89	65.2	55.2
136	65	22.3	89	66.2	56.2
137	65	20.6	89	67.9	57.9
138	65	20.5	89	68.0	58.0
139	65	17.7	89	70.8	60.8
140	65	22.2	89	66.3	56.3

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
141	65	17.4	89	71.1	61.1
142	65	14.4	89	74.1	64.1
143	65	8.9	89	79.6	69.6
144	65	5.8	89	82.7	72.7
145	65	12.1	89	76.4	66.4
146	65	18.9	89	69.6	59.6
147	65	23.8	89	64.7	54.7
148	65	25.1	89	63.4	53.4
149	65	19.5	89	69.0	59.0
150	65	19.2	89	69.3	59.3
151	65	20.4	89	68.1	58.1
152	65	21.7	89	66.8	56.8
153	65	22.8	89	65.7	55.7
154	65	22.1	89	66.4	56.4
155	65	22.3	89	66.2	56.2
156	65	24.5	89	64.0	54.0
157	65	25.9	89	62.6	52.6
158	65	25.8	89	62.7	52.7
159	65	24.1	89	64.4	54.4
160	65	27.4	89	61.1	51.1
161	65	27.2	89	61.3	51.3
162	65	27.2	89	61.3	51.3
163	65	27.2	89	61.3	51.3
164	65	27.1	89	61.4	51.4
165	65	27.1	89	61.4	51.4
166	65	27.9	89	60.6	50.6
167	65	27.9	89	60.6	50.6
168	65	27.7	89	60.8	50.8
169	65	26.8	89	61.7	51.7
170	65	27.2	89	61.3	51.3
171	65	27.5	89	61.0	51.0
172	65	27.9	89	60.6	50.6
173	65	28.4	89	60.1	50.1
174	65	28.5	89	60.0	50.0
175	65	29.1	89	59.4	49.4

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
176	65	28.5	89	60.0	50.0
177	65	29.2	89	59.3	49.3
178	65	29.2	89	59.3	49.3
179	65	29.4	89	59.1	49.1
180	65	29.9	89	58.6	48.6
181	65	29.9	89	58.6	48.6
182	65	29.0	89	59.5	49.5
183	65	29.3	89	59.2	49.2
184	65	29.9	89	58.6	48.6
185	65	32.5	89	56.0	46.0
186	65	32.5	89	56.0	46.0
187	65	33.7	89	54.8	44.8
188	65	33.7	89	54.8	44.8
189	65	34.4	89	54.1	44.1
190	65	34.4	89	54.1	44.1
191	65	34.4	89	54.1	44.1
192	65	34.5	89	54.0	44.0
193	65	34.8	89	53.7	43.7
194	65	34.5	89	54.0	44.0
195	65	32.7	89	55.8	45.8
196	65	33.9	89	54.6	44.6
197	65	33.8	89	54.7	44.7
198	65	33.6	89	54.9	44.9
199	65	33.5	89	55.0	45.0
200	65	33.4	89	55.1	45.1
201	65	33.4	89	55.1	45.1
202	65	32.0	89	56.5	46.5
203	65	32.0	89	56.5	46.5
204	65	32.0	89	56.5	46.5
205	65	32.2	89	56.3	46.3
206	65	32.2	89	56.3	46.3
207	65	31.7	89	56.8	46.8
208	65	32.8	89	55.7	45.7
209	65	33.6	89	54.9	44.9
210	65	32.7	89	55.8	45.8

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
211	65	32.4	89	56.1	46.1
212	65	33.7	89	54.8	44.8
213	65	32.3	89	56.2	46.2
214	65	31.2	89	57.3	47.3
215	65	30.1	89	58.4	48.4
216	65	31.7	89	56.8	46.8
217	65	32.1	89	56.4	46.4
218	65	32.8	89	55.7	45.7
219	65	33.6	89	54.9	44.9
220	65	33.1	89	55.4	45.4
221	65	31.8	89	56.7	46.7
222	65	31.0	89	57.5	47.5
223	65	30.4	89	58.1	48.1
224	65	27.3	89	61.2	51.2
225	65	27.1	89	61.4	51.4
226	65	23.8	89	64.7	54.7
227	65	19.1	89	69.4	59.4
228	65	3.4	89	85.1	75.1
229	65	5.1	89	83.4	73.4
230	65	11.7	89	76.8	66.8
231	65	2.4	89	86.1	76.1
232	65	9.7	89	78.8	68.8
233	65	12.8	89	75.7	65.7
234	65	-1.8	89	90.3	80.3
235	65	3.1	89	85.4	75.4
236	65	13.2	89	75.3	65.3
237	65	14.1	89	74.4	64.4
238	65	14.8	89	73.8	63.8
239	65	15.8	89	72.7	62.7
240	65	16.7	89	71.8	61.8
241	65	21.2	89	67.3	57.3
242	65	23.3	89	65.2	55.2
243	65	23.9	89	64.6	54.6
244	65	24.5	89	64.0	54.0
245	65	23.3	89	65.2	55.2

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
246	65	24.3	89	64.2	54.2
247	65	24.8	89	63.7	53.7
248	65	25.1	89	63.4	53.4
249	65	26.2	89	62.3	52.3
250	65	27.8	89	60.7	50.7
251	65	28.8	89	59.7	49.7
252	65	28.2	89	60.3	50.3
253	65	27.6	89	60.9	50.9
254	65	27.1	89	61.4	51.4
255	65	28.6	89	59.9	49.9
256	65	28.9	89	59.6	49.6
257	65	25.8	89	62.7	52.7
258	65	22.8	89	65.7	55.7
259	65	20.5	89	68.0	58.0
260	65	22.3	89	66.2	56.2
261	65	22.7	89	65.8	55.8
262	65	22.7	89	65.8	55.8
263	65	23.8	89	64.7	54.7
264	65	18.4	89	70.1	60.1
265	65	6.6	89	81.9	71.9
266	65	28.5	89	60.0	50.0
267	65	28.7	89	59.8	49.8
268	65	28.8	89	59.7	49.7
269	65	13.9	89	74.6	64.6
270	65	7.0	89	81.5	71.5
271	65	8.2	89	80.3	70.3
272	65	17.5	89	71.1	61.1
273	65	19.0	89	69.5	59.5
274	65	25.4	89	63.1	53.1
275	65	28.2	89	60.3	50.3
276	65	29.0	89	59.5	49.5
277	65	28.0	89	60.5	50.5
278	65	27.5	89	61.0	51.0
279	65	28.8	89	59.7	49.7
280	65	28.6	89	59.9	49.9

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
281	65	27.5	89	61.0	51.0
282	65	25.2	89	63.3	53.3
283	65	25.2	89	63.3	53.3
284	65	25.1	89	63.4	53.4
285	65	23.7	89	64.8	54.8
286	65	21.4	89	67.1	57.1
287	65	21.3	89	67.2	57.2
288	65	21.0	89	67.5	57.5
289	65	19.4	89	69.1	59.1
290	65	16.6	89	71.9	61.9
291	65	10.5	89	78.0	68.0
292	65	12.7	89	75.8	65.8
293	65	9.1	89	79.4	69.4
294	65	10.0	89	78.5	68.5
295	65	13.4	89	75.1	65.1
296	65	14.6	89	73.9	63.9
297	65	11.6	89	76.9	66.9
298	65	12.1	89	76.4	66.4
299	65	18.5	89	70.0	60.0
300	65	19.9	89	68.6	58.6
301	65	22.6	89	65.9	55.9
302	65	23.9	89	64.6	54.6
303	65	24.8	89	63.7	53.7
304	65	26.8	89	61.7	51.7
305	65	29.3	89	59.2	49.2
306	65	26.5	89	62.0	52.0
307	65	23.5	89	65.0	55.0
308	65	38.2	89	50.3	40.3
309	65	38.8	89	49.7	39.7
310	65	38.5	89	50.0	40.0
311	65	38.2	89	50.3	40.3
312	65	39.0	89	49.5	39.5
313	65	38.5	89	50.0	40.0
314	65	37.9	89	50.6	40.6
315	65	33.7	89	54.8	44.8

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
316	65	33.4	89	55.1	45.1
317	65	31.9	89	56.6	46.6
318	65	31.5	89	57.0	47.0
319	65	31.2	89	57.3	47.3
320	65	30.9	89	57.6	47.6
321	65	30.5	89	58.0	48.0
322	65	30.1	89	58.4	48.4
323	65	31.2	89	57.3	47.3
324	65	31.0	89	57.5	47.5
325	65	30.6	89	57.9	47.9
326	65	30.3	89	58.2	48.2
327	65	29.9	89	58.6	48.6
328	65	29.7	89	58.8	48.8
329	65	30.3	89	58.2	48.2
330	65	30.0	89	58.5	48.5
331	65	29.6	89	58.9	48.9
332	65	29.3	89	59.2	49.2
333	65	28.7	89	59.8	49.8
334	65	28.3	89	60.2	50.2
335	65	27.7	89	60.8	50.8
336	65	27.6	89	60.9	50.9
337	65	24.6	89	63.9	53.9
338	65	23.9	89	64.6	54.6
339	65	23.3	89	65.2	55.2
340	65	22.7	89	65.8	55.8
341	65	25.9	89	62.6	52.6
342	65	26.3	89	62.2	52.2
343	65	25.9	89	62.6	52.6
344	65	22.3	89	66.2	56.2
345	65	23.0	89	65.5	55.5
346	65	26.5	89	62.0	52.0
347	65	22.5	89	66.0	56.0
348	65	23.9	89	64.6	54.6
349	65	24.4	89	64.1	54.1
350	65	25.5	89	63.0	53.0

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
351	65	25.4	89	63.1	53.1
352	65	22.5	89	66.0	56.0
353	65	21.8	89	66.7	56.7
354	65	19.7	89	68.8	58.8
355	65	14.6	89	73.9	63.9
356	65	13.5	89	75.0	65.0
357	65	5.6	89	82.9	72.9
358	65	26.7	89	61.8	51.8
359	65	26.7	89	61.8	51.8
360	65	26.5	89	62.0	52.0
361	65	28.2	89	60.3	50.3
362	65	28.0	89	60.5	50.5
363	65	29.2	89	59.3	49.3
364	65	28.9	89	59.6	49.6
365	65	27.8	89	60.8	50.8
366	65	27.4	89	61.1	51.1
367	65	28.5	89	60.0	50.0
368	65	28.6	89	59.9	49.9
369	65	28.7	89	59.8	49.8
370	65	28.2	89	60.3	50.3
371	65	27.5	89	61.0	51.0
372	65	27.3	89	61.2	51.2
373	65	27.1	89	61.4	51.4
374	65	27.3	89	61.2	51.2
375	65	27.1	89	61.5	51.5
376	65	26.8	89	61.7	51.7
377	65	26.5	89	62.0	52.0
378	65	25.5	89	63.0	53.0
379	65	26.4	89	62.1	52.1
380	65	25.8	89	62.7	52.7
381	65	26.2	89	62.3	52.3
382	65	31.1	89	57.4	47.4
383	65	31.2	89	57.3	47.3
384	65	31.3	89	57.2	47.2
385	65	32.0	89	56.5	46.5

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
386	65	32.1	89	56.4	46.4
387	65	32.2	89	56.3	46.3
388	65	32.3	89	56.2	46.2
389	65	32.4	89	56.1	46.1
390	65	32.5	89	56.0	46.0
391	65	32.0	89	56.5	46.5
392	65	31.9	89	56.6	46.6
393	65	31.8	89	56.7	46.7
394	65	31.6	89	56.9	46.9
395	65	31.5	89	57.0	47.0
396	65	31.4	89	57.1	47.1
397	65	31.4	89	57.1	47.1
398	65	33.6	89	54.9	44.9
399	65	33.0	89	55.5	45.5
400	65	32.6	89	55.9	45.9
401	65	32.6	89	55.9	45.9
402	65	33.0	89	55.5	45.5
403	65	33.5	89	55.0	45.0
404	65	8.8	89	79.7	69.7
405	65	11.4	89	77.1	67.1
406	65	14.5	89	74.0	64.0
407	65	16.0	89	72.5	62.5
408	65	18.1	89	70.4	60.4
409	65	19.2	89	69.3	59.3
410	65	20.7	89	67.8	57.8
411	65	21.5	89	67.0	57.0
412	65	22.8	89	65.7	55.7
413	65	22.0	89	66.5	56.5
414	65	23.4	89	65.1	55.1
415	65	23.0	89	65.5	55.5
416	65	23.9	89	64.6	54.6
417	65	24.2	89	64.3	54.3
418	65	26.1	89	62.4	52.4
419	65	24.1	89	64.4	54.4
420	65	25.8	89	62.7	52.7

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
421	65	26.7	89	61.8	51.8
422	65	25.7	89	62.8	52.8
423	65	25.6	89	62.9	52.9
424	65	25.5	89	63.0	53.0
425	65	27.0	89	61.5	51.5
426	65	25.9	89	62.6	52.6
427	65	27.8	89	60.7	50.7
428	65	25.0	89	63.5	53.5
429	65	27.7	89	60.8	50.8
430	65	25.4	89	63.1	53.1
431	65	27.6	89	60.9	50.9
432	65	25.7	89	62.8	52.8
433	65	27.5	89	61.0	51.0
434	65	26.2	89	62.3	52.3
435	65	27.4	89	61.1	51.1
436	65	26.4	89	62.1	52.1
437	65	27.3	89	61.2	51.2
438	65	24.7	89	63.8	53.8
439	65	24.0	89	64.5	54.5
440	65	22.9	89	65.6	55.6
441	65	23.0	89	65.5	55.5
442	65	20.3	89	68.2	58.2
443	65	20.4	89	68.1	58.1
444	65	20.6	89	67.9	57.9
445	65	20.7	89	67.8	57.8
446	65	19.3	89	69.2	59.2
447	65	18.0	89	70.5	60.5
448	65	15.8	89	72.7	62.7
449	65	24.0	89	64.5	54.5
450	65	15.6	89	72.9	62.9
451	65	15.3	89	73.2	63.2
452	65	15.0	89	73.5	63.5
453	65	14.8	89	73.7	63.7
454	65	17.0	89	71.5	61.5
455	65	18.4	89	70.1	60.1

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
456	65	21.3	89	67.2	57.2
457	65	22.5	89	66.0	56.0
458	65	23.7	89	64.9	54.9
459	65	23.3	89	65.2	55.2
460	65	20.4	89	68.1	58.1
461	65	25.8	89	62.7	52.7
462	65	27.3	89	61.2	51.2
463	65	27.4	89	61.1	51.1
464	65	28.4	89	60.1	50.1
465	65	29.5	89	59.0	49.0
466	65	30.3	89	58.2	48.2
467	65	30.9	89	57.6	47.6
468	65	31.6	89	56.9	46.9
469	65	32.5	89	56.0	46.0
470	65	32.5	89	56.0	46.0
471	65	33.3	89	55.2	45.2
472	65	33.6	89	54.9	44.9
473	65	35.2	89	53.3	43.3
474	65	36.1	89	52.4	42.4
475	65	35.9	89	52.6	42.6
476	65	35.8	89	52.7	42.7
477	65	35.9	89	52.6	42.6
478	65	36.0	89	52.5	42.5
479	65	36.1	89	52.4	42.4
480	65	36.2	89	52.3	42.3
481	65	36.3	89	52.2	42.2
482	65	36.5	89	52.0	42.0
483	65	36.4	89	52.1	42.1
484	65	36.3	89	52.2	42.2
485	65	36.3	89	52.2	42.2
486	65	36.2	89	52.3	42.3
487	65	36.1	89	52.4	42.4
488	65	36.0	89	52.5	42.5
489	65	34.3	89	54.2	44.2
490	65	35.1	89	53.4	43.4

Noise Sensitive Receptor	Construction Noise Limits dB	Distance Attenuation (m)	100% Utilisation	100 % utilisation (Predicted)	100 % utilisation (Attenuated)
491	65	35.0	89	53.5	43.5
492	65	34.8	89	53.7	43.7
493	65	34.7	89	53.8	43.8
494	65	34.9	89	53.6	43.6
495	65	35.1	89	53.4	43.4
496	65	35.3	89	53.2	43.2
497	65	35.5	89	53.0	43.0
498	65	34.5	89	54.0	44.0
499	65	34.7	89	53.8	43.8
500	65	34.9	89	53.6	43.6
501	65	35.1	89	53.4	43.4
502	65	35.3	89	53.2	43.2
503	65	35.8	89	52.7	42.7
504	65	35.8	89	52.7	42.7
505	65	35.7	89	52.8	42.8
506	65	35.6	89	52.9	42.9
507	65	35.6	89	52.9	42.9
508	65	35.4	89	53.1	43.1
509	65	35.3	89	53.2	43.2
510	65	35.0	89	53.5	43.5
511	65	34.1	89	54.4	44.4
512	65	34.0	89	54.6	44.6
513	65	34.7	89	53.8	43.8
514	65	34.6	89	53.9	43.9
515	65	34.4	89	54.1	44.1
516	65	34.3	89	54.2	44.2
517	65	34.1	89	54.4	44.4
518	65	34.0	89	54.5	44.5
519	65	33.8	89	54.7	44.7
520	65	32.5	89	56.0	46.0