

## Appendix 4.12.1 Visual Impact Schedule

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## Appendix 4.12.1 – Visual Impact Schedule

The following amendments are required to the original text in Tables 12.1; 12.2; 12.3 and 12.4 of Appendix 12.1 of Volume 4a arising from correspondence received from An Bord Pleanála (ABP) dated 23rd December, 2010.

a)Page A12.1.11, (Table 12.1 Visual Impact Schedule) References 257 to 268 inclusive, 274 and 275 reads:

Ref	Approx Chainage	Notes	Construction Impact	Pre-establishment Impact	Post-establishment Impact
257	43+900	House under construction. Possible oblique views but ridge between house and road.	Moderate	Slight	Imperceptible
258	44+300	New house which is slightly elevated. Clear views but very oblique. Will be views of local road realignment.	Significant	Moderate	Slight
259	44+400	Elevated with clear views but not direct towards motorway. Will be views of local road realignment.	Significant	Moderate	Slight
260	44+500	Small bungalow. No or extremely limited views from house but views from the garden.	Moderate	Slight	Slight
261	44+500	Very small elevated property with view directed towards proposed road.	Moderate	Slight	Slight
262	44+500	Bungalow set low and surrounded by a good deal of private vegetation. Will be longer range views to the south of road on embankment and in cutting and realignment of local road and new access.	Profound	Profound	Moderate
263	44+500	Closest property in row has good tree screening to west however there may be some views through particularly in winter, and from the garden. The proposed road development is at close proximity on an embankment. Local road realignment will be raised to the rear of the house.	Profound	Significant	Moderate
264	44+400 – 44+500	Row of houses with clear views to the north will have longer range views along the length of the proposed road development which will be on embankment obliquely.	Significant	Moderate	Slight
265	44+500	Mostly screened by trees and intervening topography – appears possibly derelict.	Imperceptible	Imperceptible	Imperceptible
266	45+200 – 45+300	More northerly property may receive oblique views to road on embankment. Southerly property possibly longer range views to the southeast.	Significant	Moderate	Slight
267	45+300	Bungalow new house. Views would be oblique but there is little screening.	Moderate	Slight	Slight
268	45+200	Main orientation to the south – may be very long range views.	Slight	Slight	Imperceptible
274	45+400 – 45+600	New houses with open oblique views. Proposed road development is on embankment.	Slight	Slight	Imperceptible
275	45+600	House predominantly screened.	Imperceptible	Imperceptible	Imperceptible

This is replaced by the following text:

Ref	Approx Chainage	Notes	Construction Impact	Pre-establishment Impact	Post-establishment Impact
257	43+900	<b>New House. Oblique views with ridge between house and road. Illumination visible at proposed junction.</b>	<b>Significant</b>	<b>Significant</b>	<b>Slight</b>
258	44+300	<b>New house which is slightly elevated. Clear oblique views. Proposed junction and illumination visible.</b>	<b>Significant</b>	<b>Significant</b>	<b>Slight</b>
259	44+400	<b>Elevated with clear views but not direct towards motorway. Proposed junction and illumination visible.</b>	<b>Significant</b>	<b>Significant</b>	<b>Slight</b>
260	44+500	<b>Small bungalow. Limited views of motorway, but illumination visible in distance. Minor local road works adjacent.</b>	<b>Moderate</b>	<b>Moderate</b>	<b>Slight</b>
261	44+500	<b>Very small elevated property with view directed towards proposed road/junction. Illumination visible in distance</b>	<b>Moderate</b>	<b>Moderate</b>	<b>Slight</b>
262	44+500	<b>Bungalow set low in close proximity to proposed junction. Illumination will be prominent from property.</b>	<b>Profound</b>	<b>Profound</b>	<b>Significant</b>
263	44+500	<b>Nearest property and existing tree screening to west impacted by local access and on-ramp. The proposed road development is at close proximity on an embankment. Illumination will be prominent from property</b>	<b>Profound</b>	<b>Profound</b>	<b>Moderate</b>
264	44+400 – 44+500	<b>Row of houses with clear views north towards re-aligned local road, roundabout and oblique views towards junction. Illumination will be prominent from properties</b>	<b>Significant</b>	<b>Significant</b>	<b>Slight</b>
265	44+500	<b>Appears abandoned and has some screening. Illumination will be visible.</b>	<b>Moderate</b>	<b>Moderate</b>	<b>Slight</b>
266	45+200 – 45+300	<b>Close to road with views towards junction. Illumination will be visible</b>	<b>Significant</b>	<b>Significant</b>	<b>Slight</b>
267	45+300	<b>Bungalow new house. Views would be oblique but there is little screening. Illumination will be visible.</b>	<b>Moderate</b>	<b>Moderate</b>	<b>Slight</b>
268	45+200	<b>Main orientation to the south – may be very long range views to junction. Illumination will be visible</b>	<b>Slight</b>	<b>Moderate</b>	<b>Imperceptible</b>
274	45+400 – 45+600	<b>New houses with open oblique views. Proposed road development is on embankment. Illumination will be visible</b>	<b>Slight</b>	<b>Moderate</b>	<b>Imperceptible</b>
275	45+600	<b>House predominantly screened. Illumination will be visible</b>	<b>Slight</b>	<b>Moderate</b>	<b>Imperceptible</b>

b)Page A12.1.20 (Table 12.1 Visual Impact Schedule) References 516 to 516c inclusive reads:

Ref	Approx Chainage	Notes	Construction Impact	Pre-establishment Impact	Post-establishment Impact
516	80+850 – 80+900	Will be limited views of proposed road development construction however will be close clear views of local road realignment.	Significant	Slight	Imperceptible
516b	80+750	Caherass Nursing Home. Will be clear views of the construction of the new roundabout. After construction views will be similar to existing.	Significant	Slight	Imperceptible
516c	80+700 – 80+900	Group of properties with views of realigned local road.	Moderate	Slight	Imperceptible

This is replaced by the following text:

Ref	Approx Chainage	Notes	Construction Impact	Pre-establishment Impact	Post-establishment Impact
516	80+850 – 80+900	Will be limited views of proposed road development construction however will be close clear views of local road realignment. Illumination will be visible.	Significant	Moderate	Slight
516b	80+750	Caherass Nursing Home. Will be clear views of the construction of the new roundabout. After construction views will be similar to existing. Illumination will be prominent.	Significant	Moderate	Slight
516c	80+700 – 80+900	Group of properties with views of realigned local road. Illumination will be visible.	Moderate	Moderate	Slight

c)Page A12.1.23 (Table 12.2 Summary of Visual Impacts on Residential receptors) reads:

Summary of Impacts	Construction	Pre-establishment	Post- establishment
Profound	31	16	1
Significant	129	65	8
Moderate	157	147	45
Slight	220	253	214
Imperceptible	37	93	306
<b>Totals</b>	<b>574</b>	<b>574</b>	<b>574</b>
Of which Acquired	5	5	5
Overall Total	579	579	579

This is replaced by the following text:

Summary of Impacts	Construction	Pre-establishment	Post- establishment
<b>Profound</b>	<b>31</b>	<b>17</b>	<b>1</b>
<b>Significant</b>	<b>130</b>	<b>69</b>	<b>9</b>
<b>Moderate</b>	<b>157</b>	<b>153</b>	<b>44</b>
<b>Slight</b>	<b>221</b>	<b>244</b>	<b>219</b>
<b>Imperceptible</b>	<b>35</b>	<b>91</b>	<b>301</b>
<b>Totals</b>	<b>574</b>	<b>574</b>	<b>574</b>
<b>Of which Acquired</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Overall Total</b>	<b>579</b>	<b>579</b>	<b>579</b>

## Appendix 4.13.1 Predicted Noise Levels Post Appropriate Mitigation

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**Appendix 4.13.1 - Table 1: Difference between "Do Nothing" & "Do Something" Noise Levels - Post Mitigation**

Note 1: The receptors in italics below have been modelled at a receiver height of 1.5m, i.e. a bungalow property.  
 P = Positive / N = Negative

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
1	59.6	57.6	57.5	-2	-2.1	Negligible P	60.4	58.3	58.3	-2.1	-2.1	Negligible P	Yes
2	60.8	58.3	58.3	-2.5	-2.5	Negligible P	61.6	59.1	59.1	-2.5	-2.5	Negligible P	Yes
3	68.5	67.3	67.3	-1.2	-1.2	Negligible P	69.3	68	68	-1.3	-1.3	Negligible P	Yes
4	62.7	61.1	61.1	-1.6	-1.6	Negligible P	63.6	61.9	61.8	-1.7	-1.8	Negligible P	Yes
5	61.7	60	60	-1.7	-1.7	Negligible P	62.5	60.8	60.7	-1.7	-1.8	Negligible P	Yes
6	60.5	58.8	58.8	-1.7	-1.7	Negligible P	61.3	59.6	59.5	-1.7	-1.8	Negligible P	Yes
7	60.6	58.9	58.8	-1.7	-1.8	Negligible P	61.4	59.6	59.6	-1.8	-1.8	Negligible P	Yes
8	60.4	58.7	58.6	-1.7	-1.8	Negligible P	61.2	59.4	59.4	-1.8	-1.8	Negligible P	Yes
9	60.1	58.4	58.4	-1.7	-1.7	Negligible P	60.9	59.2	59.1	-1.7	-1.8	Negligible P	Yes
10	60.7	59.1	59.1	-1.6	-1.6	Negligible P	61.3	59.9	59.9	-1.4	-1.4	Negligible P	Yes
11	60.3	58.8	58.8	-1.5	-1.5	Negligible P	61	59.6	59.6	-1.4	-1.4	Negligible P	Yes
12	60	58.4	58.4	-1.6	-1.6	Negligible P	60.7	59.2	59.2	-1.5	-1.5	Negligible P	Yes
13	60	58.4	58.4	-1.6	-1.6	Negligible P	60.7	59.2	59.2	-1.5	-1.5	Negligible P	Yes
14	59.7	58.1	58	-1.6	-1.7	Negligible P	60.5	58.9	58.9	-1.6	-1.6	Negligible P	Yes
15	59.6	57.8	57.8	-1.8	-1.8	Negligible P	60.3	58.7	58.7	-1.6	-1.6	Negligible P	Yes
16	59.2	57.4	57.4	-1.8	-1.8	Negligible P	59.9	58.3	58.3	-1.6	-1.6	Negligible P	Yes
17	59.1	57.3	57.3	-1.8	-1.8	Negligible P	59.8	58.1	58.1	-1.7	-1.7	Negligible P	Yes
18	58.6	56.9	56.9	-1.7	-1.7	Negligible P	59.4	57.7	57.7	-1.7	-1.7	Negligible P	Yes
19	58.4	56.6	56.6	-1.8	-1.8	Negligible P	59.1	57.5	57.4	-1.6	-1.7	Negligible P	Yes
20	57.9	56.2	56.1	-1.7	-1.8	Negligible P	58.7	57	57	-1.7	-1.7	Negligible P	Yes
21	57.7	55.9	55.9	-1.8	-1.8	Negligible P	58.4	56.8	56.8	-1.6	-1.6	Negligible P	Yes
22	62.8	60.8	60.8	-2	-2	Negligible P	63.7	61.7	61.7	-2	-2	Negligible P	Yes
23	59.4	57.6	57.5	-1.8	-1.9	Negligible P	60.2	58.4	58.4	-1.8	-1.8	Negligible P	Yes
24	58.8	56.8	56.8	-2	-2	Negligible P	59.6	57.7	57.7	-1.9	-1.9	Negligible P	Yes
25	57.4	55.5	55.5	-1.9	-1.9	Negligible P	58.2	56.4	56.3	-1.8	-1.9	Negligible P	Yes
26	56.5	54.7	54.6	-1.8	-1.9	Negligible P	57.3	55.5	55.5	-1.8	-1.8	Negligible P	Yes
27	67.7	65.4	65.4	-2.3	-2.3	Negligible P	68.7	66.4	66.4	-2.3	-2.3	Negligible P	Yes
28	65.7	63	63	-2.7	-2.7	Negligible P	66.7	64	64	-2.7	-2.7	Negligible P	Yes
29	66	63.1	63.1	-2.9	-2.9	Negligible P	67	64.1	64.1	-2.9	-2.9	Negligible P	Yes
30	66.7	64.2	64.2	-2.5	-2.5	Negligible P	67.7	65.1	65.1	-2.6	-2.6	Negligible P	Yes
31	60.9	58.3	58.3	-2.6	-2.6	Negligible P	61.9	59.3	59.3	-2.6	-2.6	Negligible P	Yes
32	60.7	58.1	58.1	-2.6	-2.6	Negligible P	61.7	59.1	59.1	-2.6	-2.6	Negligible P	Yes
33	62.5	59.8	59.8	-2.7	-2.7	Negligible P	63.6	60.8	60.8	-2.8	-2.8	Negligible P	Yes
34	63.3	60.5	60.5	-2.8	-2.8	Negligible P	64.4	61.5	61.5	-2.9	-2.9	Negligible P	Yes
35	63.2	60.5	60.4	-2.7	-2.8	Negligible P	64.2	61.5	61.5	-2.7	-2.7	Negligible P	Yes
36	63.3	60.7	60.7	-2.6	-2.6	Negligible P	64.4	61.7	61.7	-2.7	-2.7	Negligible P	Yes
37	61.3	59	59	-2.3	-2.3	Negligible P	62.3	60	60	-2.3	-2.3	Negligible P	Yes
38	60.5	58.1	58.1	-2.4	-2.4	Negligible P	61.5	59.1	59.1	-2.4	-2.4	Negligible P	Yes
39	60.8	58.4	58.4	-2.4	-2.4	Negligible P	61.8	59.4	59.4	-2.4	-2.4	Negligible P	Yes
40	61.4	59	59	-2.4	-2.4	Negligible P	62.4	60	60	-2.4	-2.4	Negligible P	Yes
41	62.1	59.9	59.9	-2.2	-2.2	Negligible P	63.2	60.9	60.9	-2.3	-2.3	Negligible P	Yes
42	65.1	62.9	62.9	-2.2	-2.2	Negligible P	66.1	63.9	63.9	-2.2	-2.2	Negligible P	Yes
43	60.3	58.2	58.2	-2.1	-2.1	Negligible P	61.2	59.1	59.1	-2.1	-2.1	Negligible P	Yes

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
44	59.6	57.5	57.5	-2.1	-2.1	Negligible P	60.5	58.4	58.4	-2.1	-2.1	Negligible P	Yes
45	58.9	56.9	56.9	-2	-2	Negligible P	59.8	57.8	57.8	-2	-2	Negligible P	Yes
46	58	56	55.9	-2	-2.1	Negligible P	58.9	56.9	56.8	-2	-2.1	Negligible P	Yes
47	57.6	55.5	55.5	-2.1	-2.1	Negligible P	58.5	56.4	56.4	-2.1	-2.1	Negligible P	Yes
48	56.4	54.5	54.5	-1.9	-1.9	Negligible P	57.1	55.4	55.3	-1.7	-1.8	Negligible P	Yes
49	58.9	56.8	56.8	-2.1	-2.1	Negligible P	59.7	57.7	57.7	-2	-2	Negligible P	Yes
50	57.5	55.5	55.5	-2	-2	Negligible P	58.3	56.4	56.4	-1.9	-1.9	Negligible P	Yes
51	56.9	54.9	54.9	-2	-2	Negligible P	57.7	55.8	55.8	-1.9	-1.9	Negligible P	Yes
52	56.6	54.6	54.6	-2	-2	Negligible P	57.4	55.5	55.5	-1.9	-1.9	Negligible P	Yes
53	56.4	54.4	54.4	-2	-2	Negligible P	57.2	55.3	55.2	-1.9	-2	Negligible P	Yes
54	55.9	54	54	-1.9	-1.9	Negligible P	56.7	54.9	54.9	-1.8	-1.8	Negligible P	Yes
55	55.6	53.7	53.7	-1.9	-1.9	Negligible P	56.4	54.6	54.6	-1.8	-1.8	Negligible P	Yes
56	55.2	53.3	53.3	-1.9	-1.9	Negligible P	56	54.2	54.1	-1.8	-1.9	Negligible P	Yes
57	55.3	53.3	53.3	-2	-2	Negligible P	56.1	54.2	54.2	-1.9	-1.9	Negligible P	Yes
58	55.5	53.4	53.4	-2.1	-2.1	Negligible P	56.3	54.3	54.3	-2	-2	Negligible P	Yes
59	55	53.1	53.1	-1.9	-1.9	Negligible P	55.8	54	54	-1.8	-1.8	Negligible P	Yes
60	55.2	53.2	53.1	-2	-2.1	Negligible P	56	54.1	54	-1.9	-2	Negligible P	Yes
61	55.5	53.5	53.5	-2	-2	Negligible P	56.3	54.4	54.4	-1.9	-1.9	Negligible P	Yes
62	56.3	54.2	54.2	-2.1	-2.1	Negligible P	57.1	55.1	55.1	-2	-2	Negligible P	Yes
63	55.6	53.5	53.5	-2.1	-2.1	Negligible P	56.4	54.4	54.4	-2	-2	Negligible P	Yes
64	56.4	54.3	54.3	-2.1	-2.1	Negligible P	57.2	55.2	55.2	-2	-2	Negligible P	Yes
65	56.6	54.5	54.5	-2.1	-2.1	Negligible P	57.5	55.4	55.4	-2.1	-2.1	Negligible P	Yes
66	57.2	55	55	-2.2	-2.2	Negligible P	58.1	56	56	-2.1	-2.1	Negligible P	Yes
67	55.7	53.6	53.6	-2.1	-2.1	Negligible P	56.6	54.6	54.5	-2	-2.1	Negligible P	Yes
68	55.3	53.3	53.2	-2	-2.1	Negligible P	56.2	54.2	54.2	-2	-2	Negligible P	Yes
69	68.4	66.2	66.2	-2.2	-2.2	Negligible P	69.5	67.2	67.2	-2.3	-2.3	Negligible P	Yes
70	59.8	57.6	57.6	-2.2	-2.2	Negligible P	60.9	58.6	58.6	-2.3	-2.3	Negligible P	Yes
71	57.9	55.6	55.6	-2.3	-2.3	Negligible P	58.8	56.6	56.5	-2.2	-2.3	Negligible P	Yes
72	54.8	52.5	52.5	-2.3	-2.3	Negligible P	55.7	53.5	53.5	-2.2	-2.2	Negligible P	Yes
73	55.5	53.4	53.4	-2.1	-2.1	Negligible P	56.4	54.3	54.3	-2.1	-2.1	Negligible P	Yes
74	56.2	54.1	54.1	-2.1	-2.1	Negligible P	57.2	55.1	55	-2.1	-2.2	Negligible P	Yes
75	57	54.8	54.8	-2.2	-2.2	Negligible P	58	55.8	55.8	-2.2	-2.2	Negligible P	Yes
76	57.7	55.5	55.5	-2.2	-2.2	Negligible P	58.6	56.4	56.4	-2.2	-2.2	Negligible P	Yes
77	58.7	56.5	56.5	-2.2	-2.2	Negligible P	59.7	57.5	57.5	-2.2	-2.2	Negligible P	Yes
78	60.1	57.9	57.9	-2.2	-2.2	Negligible P	61.1	58.9	58.9	-2.2	-2.2	Negligible P	Yes
79	62.4	60.3	60.2	-2.1	-2.2	Negligible P	63.5	61.3	61.3	-2.2	-2.2	Negligible P	Yes
80	69.2	67.1	67.1	-2.1	-2.1	Negligible P	70.3	68.1	68.1	-2.2	-2.2	Negligible P	Yes
81	66.6	64.3	64.3	-2.3	-2.3	Negligible P	67.7	65.4	65.4	-2.3	-2.3	Negligible P	Yes
82	61.3	58.9	58.9	-2.4	-2.4	Negligible P	62.4	60	60	-2.4	-2.4	Negligible P	Yes
83	57.5	55.2	55.2	-2.3	-2.3	Negligible P	58.5	56.2	56.2	-2.3	-2.3	Negligible P	Yes
84	56.1	53.9	53.8	-2.2	-2.3	Negligible P	57.1	54.9	54.9	-2.2	-2.2	Negligible P	Yes
85	54.7	52.7	52.7	-2	-2	Negligible P	55.5	53.6	53.5	-1.9	-2	Negligible P	Yes
86	55.4	53.1	53.1	-2.3	-2.3	Negligible P	56.4	54.1	54.1	-2.3	-2.3	Negligible P	Yes
87	55.3	53	53	-2.3	-2.3	Negligible P	56.3	54	54	-2.3	-2.3	Negligible P	Yes
88	56	54	54	-2	-2	Negligible P	57	55	55	-2	-2	Negligible P	Yes
89	56.3	54.4	54.4	-1.9	-1.9	Negligible P	57.2	55.4	55.3	-1.8	-1.9	Negligible P	Yes
90	56.3	54.4	54.4	-1.9	-1.9	Negligible P	57.3	55.4	55.4	-1.9	-1.9	Negligible P	Yes
91	56.4	54.5	54.5	-1.9	-1.9	Negligible P	57.4	55.5	55.5	-1.9	-1.9	Negligible P	Yes
92	56.7	54.5	54.5	-2.2	-2.2	Negligible P	57.7	55.5	55.5	-2.2	-2.2	Negligible P	Yes

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
93	56.7	54.5	54.5	-2.2	-2.2	Negligible P	57.6	55.5	55.5	-2.1	-2.1	Negligible P	Yes
94	56.6	54.1	54.1	-2.5	-2.5	Negligible P	57.6	55.1	55.1	-2.5	-2.5	Negligible P	Yes
95	56.5	54.4	54.3	-2.1	-2.2	Negligible P	57.5	55.3	55.3	-2.2	-2.2	Negligible P	Yes
96	56.4	54.2	54.1	-2.2	-2.3	Negligible P	57.4	55.1	55.1	-2.3	-2.3	Negligible P	Yes
97	56.3	53.9	53.9	-2.4	-2.4	Negligible P	57.2	54.9	54.9	-2.3	-2.3	Negligible P	Yes
98	56.1	53.8	53.8	-2.3	-2.3	Negligible P	57.1	54.8	54.7	-2.3	-2.4	Negligible P	Yes
99	56.1	53.8	53.7	-2.3	-2.4	Negligible P	57.1	54.7	54.7	-2.4	-2.4	Negligible P	Yes
100	55.9	53.7	53.6	-2.2	-2.3	Negligible P	56.9	54.6	54.6	-2.3	-2.3	Negligible P	Yes
101	55.8	53.6	53.5	-2.2	-2.3	Negligible P	56.8	54.5	54.5	-2.3	-2.3	Negligible P	Yes
102	54.8	52.7	52.6	-2.1	-2.2	Negligible P	55.8	53.6	53.6	-2.2	-2.2	Negligible P	Yes
103	54.9	52.6	52.6	-2.3	-2.3	Negligible P	55.9	53.6	53.6	-2.3	-2.3	Negligible P	Yes
104	55.2	52.9	52.9	-2.3	-2.3	Negligible P	56.2	53.9	53.9	-2.3	-2.3	Negligible P	Yes
105	55.7	53.4	53.4	-2.3	-2.3	Negligible P	56.7	54.4	54.4	-2.3	-2.3	Negligible P	Yes
106	56.3	54.1	54	-2.2	-2.3	Negligible P	57.4	55.1	55.1	-2.3	-2.3	Negligible P	Yes
107	57.5	55.2	55.2	-2.3	-2.3	Negligible P	58.5	56.2	56.2	-2.3	-2.3	Negligible P	Yes
108	58.1	55.8	55.8	-2.3	-2.3	Negligible P	59.1	56.8	56.8	-2.3	-2.3	Negligible P	Yes
109	65.6	63.4	63.4	-2.2	-2.2	Negligible P	66.7	64.4	64.4	-2.3	-2.3	Negligible P	Yes
110	68.9	66.5	66.5	-2.4	-2.4	Negligible P	69.9	67.5	67.5	-2.4	-2.4	Negligible P	Yes
111	69.4	67.2	67.2	-2.2	-2.2	Negligible P	70.5	68.2	68.2	-2.3	-2.3	Negligible P	Yes
112	69.4	67.2	67.2	-2.2	-2.2	Negligible P	70.5	68.2	68.2	-2.3	-2.3	Negligible P	Yes
113	69.6	67.3	67.3	-2.3	-2.3	Negligible P	70.7	68.4	68.4	-2.3	-2.3	Negligible P	Yes
114	69.8	67.5	67.5	-2.3	-2.3	Negligible P	70.8	68.5	68.5	-2.3	-2.3	Negligible P	Yes
115	69.7	67.3	67.3	-2.4	-2.4	Negligible P	70.7	68.4	68.4	-2.3	-2.3	Negligible P	Yes
116	69.7	67.3	67.3	-2.4	-2.4	Negligible P	70.7	68.3	68.3	-2.4	-2.4	Negligible P	Yes
117	69.4	67.1	67.1	-2.3	-2.3	Negligible P	70.5	68.1	68.1	-2.4	-2.4	Negligible P	Yes
118	69.4	67	67	-2.4	-2.4	Negligible P	70.5	68	68	-2.5	-2.5	Negligible P	Yes
119	69.4	66.9	66.9	-2.5	-2.5	Negligible P	70.4	68	68	-2.4	-2.4	Negligible P	Yes
120	69	66.5	66.5	-2.5	-2.5	Negligible P	70.1	67.5	67.5	-2.6	-2.6	Negligible P	Yes
121	69.1	66.4	66.4	-2.7	-2.7	Negligible P	70.2	67.5	67.5	-2.7	-2.7	Negligible P	Yes
122	69	66.5	66.5	-2.5	-2.5	Negligible P	70.1	67.5	67.5	-2.6	-2.6	Negligible P	Yes
123	70.2	67.5	67.5	-2.7	-2.7	Negligible P	71.3	68.5	68.5	-2.8	-2.8	Negligible P	Yes
124	71	68.6	68.6	-2.4	-2.4	Negligible P	72	69.6	69.6	-2.4	-2.4	Negligible P	Yes
125	71	68.8	68.8	-2.2	-2.2	Negligible P	72.1	69.8	69.8	-2.3	-2.3	Negligible P	Yes
126	70.5	68	68	-2.5	-2.5	Negligible P	71.6	69	69	-2.6	-2.6	Negligible P	Yes
127	69.7	67.3	67.3	-2.4	-2.4	Negligible P	70.8	68.3	68.3	-2.5	-2.5	Negligible P	Yes
128	72.6	70.2	70.2	-2.4	-2.4	Negligible P	73.6	71.3	71.3	-2.3	-2.3	Negligible P	Yes
129	70.8	68.4	68.4	-2.4	-2.4	Negligible P	71.9	69.4	69.4	-2.5	-2.5	Negligible P	Yes
130	72	69.6	69.6	-2.4	-2.4	Negligible P	73.1	70.6	70.6	-2.5	-2.5	Negligible P	Yes
131	61.4	58.8	58.8	-2.6	-2.6	Negligible P	62.4	59.8	59.8	-2.6	-2.6	Negligible P	Yes
132	60.4	57.6	57.6	-2.8	-2.8	Negligible P	61.4	58.6	58.6	-2.8	-2.8	Negligible P	Yes
133	60	57.4	57.4	-2.6	-2.6	Negligible P	61	58.4	58.4	-2.6	-2.6	Negligible P	Yes
134	60	57.4	57.4	-2.6	-2.6	Negligible P	61	58.4	58.4	-2.6	-2.6	Negligible P	Yes
135	59.9	57.4	57.4	-2.5	-2.5	Negligible P	60.9	58.4	58.4	-2.5	-2.5	Negligible P	Yes
136	59.6	57.2	57.2	-2.4	-2.4	Negligible P	60.7	58.2	58.2	-2.5	-2.5	Negligible P	Yes
137	59.2	56.8	56.8	-2.4	-2.4	Negligible P	60.2	57.8	57.8	-2.4	-2.4	Negligible P	Yes
138	60.6	58.2	58.2	-2.4	-2.4	Negligible P	61.7	59.2	59.2	-2.5	-2.5	Negligible P	Yes
139	60.3	57.9	57.9	-2.4	-2.4	Negligible P	61.3	58.9	58.9	-2.4	-2.4	Negligible P	Yes
140	59.9	57.6	57.6	-2.3	-2.3	Negligible P	60.9	58.6	58.6	-2.3	-2.3	Negligible P	Yes
141	59.5	57.1	57.1	-2.4	-2.4	Negligible P	60.6	58.1	58.1	-2.5	-2.5	Negligible P	Yes

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
142	59.2	56.8	56.8	-2.4	-2.4	Negligible P	60.2	57.8	57.8	-2.4	-2.4	Negligible P	Yes
143	58.8	56.4	56.3	-2.4	-2.5	Negligible P	59.8	57.4	57.3	-2.4	-2.5	Negligible P	Yes
144	58.7	56.3	56.3	-2.4	-2.4	Negligible P	59.7	57.3	57.3	-2.4	-2.4	Negligible P	Yes
145	58.6	56.3	56.3	-2.3	-2.3	Negligible P	59.7	57.3	57.3	-2.4	-2.4	Negligible P	Yes
146	58.6	56.2	56.1	-2.4	-2.5	Negligible P	59.6	57.2	57.1	-2.4	-2.5	Negligible P	Yes
147	58.4	56	56	-2.4	-2.4	Negligible P	59.4	57	57	-2.4	-2.4	Negligible P	Yes
148	57.4	55.1	55.1	-2.3	-2.3	Negligible P	58.5	56.1	56.1	-2.4	-2.4	Negligible P	Yes
149	57.6	55.4	55.3	-2.2	-2.3	Negligible P	58.7	56.4	56.3	-2.3	-2.4	Negligible P	Yes
150	57.5	55.2	55.2	-2.3	-2.3	Negligible P	58.5	56.2	56.2	-2.3	-2.3	Negligible P	Yes
151	57.4	55	55	-2.4	-2.4	Negligible P	58.4	56	56	-2.4	-2.4	Negligible P	Yes
152	57.1	54.8	54.8	-2.3	-2.3	Negligible P	58.1	55.8	55.8	-2.3	-2.3	Negligible P	Yes
153	56.9	54.5	54.5	-2.4	-2.4	Negligible P	57.9	55.5	55.5	-2.4	-2.4	Negligible P	Yes
154	56.6	54.3	54.2	-2.3	-2.4	Negligible P	57.6	55.2	55.2	-2.4	-2.4	Negligible P	Yes
155	56.4	54	54	-2.4	-2.4	Negligible P	57.4	55	55	-2.4	-2.4	Negligible P	Yes
156	56.7	54.3	54.3	-2.4	-2.4	Negligible P	57.7	55.3	55.3	-2.4	-2.4	Negligible P	Yes
157	57	54.7	54.7	-2.3	-2.3	Negligible P	58	55.7	55.6	-2.3	-2.4	Negligible P	Yes
158	57.1	54.7	54.7	-2.4	-2.4	Negligible P	58.1	55.7	55.7	-2.4	-2.4	Negligible P	Yes
159	57.1	55	55	-2.1	-2.1	Negligible P	58.1	56	56	-2.1	-2.1	Negligible P	Yes
160	57.3	55.1	55.1	-2.2	-2.2	Negligible P	58.4	56.1	56.1	-2.3	-2.3	Negligible P	Yes
161	56.9	54.6	54.6	-2.3	-2.3	Negligible P	57.9	55.6	55.6	-2.3	-2.3	Negligible P	Yes
162	55.4	53.4	53.4	-2	-2	Negligible P	56.3	54.3	54.3	-2	-2	Negligible P	Yes
163	55.4	53.3	53.3	-2.1	-2.1	Negligible P	56.2	54.2	54.2	-2	-2	Negligible P	Yes
164	55.3	53.2	53.1	-2.1	-2.2	Negligible P	56.1	54.1	54.1	-2	-2	Negligible P	Yes
165	55.7	53.7	53.7	-2	-2	Negligible P	56.5	54.6	54.6	-1.9	-1.9	Negligible P	Yes
166	55.1	53.1	53	-2	-2.1	Negligible P	56	54	53.9	-2	-2.1	Negligible P	Yes
167	55.1	53.1	53	-2	-2.1	Negligible P	56	54	53.9	-2	-2.1	Negligible P	Yes
168	54.5	52.5	52.4	-2	-2.1	Negligible P	55.3	53.4	53.3	-1.9	-2	Negligible P	Yes
169	57.6	55.8	55.8	-1.8	-1.8	Negligible P	58.3	56.6	56.6	-1.7	-1.7	Negligible P	Yes
170	57.5	55.7	55.7	-1.8	-1.8	Negligible P	58.2	56.6	56.5	-1.6	-1.7	Negligible P	Yes
171	57	55.2	55.1	-1.8	-1.9	Negligible P	57.7	56	56	-1.7	-1.7	Negligible P	Yes
172	56.5	54.7	54.6	-1.8	-1.9	Negligible P	57.3	55.5	55.5	-1.8	-1.8	Negligible P	Yes
173	56.5	54.6	54.6	-1.9	-1.9	Negligible P	57.2	55.5	55.4	-1.7	-1.8	Negligible P	Yes
174	56.5	54.7	54.7	-1.8	-1.8	Negligible P	57.2	55.6	55.5	-1.6	-1.7	Negligible P	Yes
175	56.4	54.6	54.5	-1.8	-1.9	Negligible P	57.1	55.4	55.4	-1.7	-1.7	Negligible P	Yes
176	56.2	54.4	54.4	-1.8	-1.8	Negligible P	57	55.3	55.2	-1.7	-1.8	Negligible P	Yes
177	56	54.2	54.1	-1.8	-1.9	Negligible P	56.7	55	55	-1.7	-1.7	Negligible P	Yes
178	55.9	54.1	54	-1.8	-1.9	Negligible P	56.6	54.9	54.9	-1.7	-1.7	Negligible P	Yes
179	55.7	53.9	53.9	-1.8	-1.8	Negligible P	56.5	54.8	54.7	-1.7	-1.8	Negligible P	Yes
180	55.5	53.6	53.6	-1.9	-1.9	Negligible P	56.2	54.5	54.4	-1.7	-1.8	Negligible P	Yes
181	55.4	53.5	53.5	-1.9	-1.9	Negligible P	56.1	54.4	54.3	-1.7	-1.8	Negligible P	Yes
182	55.5	53.6	53.6	-1.9	-1.9	Negligible P	56.2	54.5	54.4	-1.7	-1.8	Negligible P	Yes
183	57.6	54.4	54.3	-3.2	-3.3	Negligible P	58.6	55.3	55.3	-3.3	-3.3	Negligible P	Yes
184	59.9	56	56	-3.9	-3.9	Noticeable P	61	57	57	-4	-4	Noticeable P	Yes
185	70.5	68.5	68.5	-2	-2	Negligible P	71.6	69.5	69.5	-2.1	-2.1	Negligible P	Yes
186	62.9	58.5	58.5	-4.4	-4.4	-	63.9	59.5	59.5	-4.4	-4.4	-	Shed
187	61.1	56.7	56.7	-4.4	-4.4	-	62.1	57.8	57.8	-4.3	-4.3	-	Shed
188	60.6	58.4	58.4	-2.2	-2.2	Negligible P	61.7	59.4	59.4	-2.3	-2.3	Negligible P	Yes
189	60.4	58.1	58.1	-2.3	-2.3	Negligible P	61.5	59.1	59.1	-2.4	-2.4	Negligible P	Yes
190	59.3	56.1	56	-3.2	-3.3	Negligible P	60.3	57.1	57	-3.2	-3.3	Negligible P	Yes

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
191	63.2	60.7	60.6	-2.5	-2.6	Negligible P	64.2	61.7	61.6	-2.5	-2.6	Negligible P	Yes
192	62.1	59.5	59.4	-2.6	-2.7	Negligible P	63.1	60.5	60.4	-2.6	-2.7	Negligible P	Yes
193	62.8	60.2	60.1	-2.6	-2.7	Negligible P	63.8	61.2	61.1	-2.6	-2.7	Negligible P	Yes
194	64.5	62.1	62	-2.4	-2.5	Negligible P	65.5	63.2	63	-2.3	-2.5	Negligible P	Yes
195	64.2	61.8	61.6	-2.4	-2.6	Negligible P	65.2	62.8	62.6	-2.4	-2.6	Negligible P	Yes
196	62.6	59.4	59.3	-3.2	-3.3	Negligible P	63.1	60.5	60.3	-2.6	-2.8	Negligible P	Yes
197	65.9	62.9	62.7	-3	-3.2	Negligible P	66.5	63.9	63.7	-2.6	-2.8	Negligible P	Yes
198	72.3	68.7	68.6	-3.6	-3.7	Noticeable P	73.2	69.7	69.6	-3.5	-3.6	Noticeable P	Yes
199	69	64.7	64.6	-4.3	-4.4	Noticeable P	70	65.7	65.6	-4.3	-4.4	Noticeable P	Yes
200	63.1	57.9	57.8	-5.2	-5.3	Noticeable P	61.8	59	58.8	-2.8	-3	Negligible P	Yes
201	64.3	59.6	59.5	-4.7	-4.8	Noticeable P	63.8	60.7	60.6	-3.1	-3.2	Negligible P	Yes
202	64.5	61.4	61.3	-3.1	-3.2	Negligible P	65	62.4	62.4	-2.6	-2.6	Negligible P	Yes
203	66.7	59	58.9	-7.7	-7.8	Clearly Noticeable P	64.6	60	59.9	-4.6	-4.7	Noticeable P	Yes
204	64.5	62.2	62.1	-2.3	-2.4	Negligible P	65	63.2	63.2	-1.8	-1.8	Negligible P	Yes
205	66.1	63.6	63.5	-2.5	-2.6	Negligible P	67	64.6	64.6	-2.4	-2.4	Negligible P	Yes
206	65.1	62.1	62	-3	-3.1	Negligible P	66.1	63.1	63	-3	-3.1	Negligible P	Yes
207	69.7	66	65.9	-3.7	-3.8	Noticeable P	70.8	67.1	67	-3.7	-3.8	Noticeable P	Yes
208	69.9	66.6	66.5	-3.3	-3.4	Negligible P	70.9	67.7	67.6	-3.2	-3.3	Negligible P	Yes
209	70.8	69.9	69.6	-0.9	-1.2	-	71.9	70.9	70.6	-1	-1.3	-	N/A
210	66	63.3	63.1	-2.7	-2.9	Negligible P	67	64.4	64.1	-2.6	-2.9	Negligible P	Yes
211	61.4	59	58.8	-2.4	-2.6	-	62.4	60.1	59.8	-2.3	-2.6	-	Shed
212	60.1	57.9	57.6	-2.2	-2.5	-	61.1	58.9	58.7	-2.2	-2.4	-	Shed
213	62.6	59.9	59.6	-2.7	-3	Negligible P	63.6	60.9	60.7	-2.7	-2.9	Negligible P	Yes
214	51.2	48.6	48.5	-2.6	-2.7	Negligible P	52.3	49.7	49.5	-2.6	-2.8	Negligible P	Yes
215	46	43.5	43.4	-2.5	-2.6	Negligible P	47.1	44.5	44.4	-2.6	-2.7	Negligible P	Yes
216	40.9	40	40	-0.9	-0.9	Negligible P	42	40	40	-2	-2	Negligible P	Yes
217	40	40	40	0	0	No Change	40	40	40	0	0	No Change	Yes
218	40	40	40	0	0	No Change	40	40	40	0	0	No Change	Yes
219	60.3	57.7	57.7	-2.6	-2.6	Negligible P	61.4	58.7	58.7	-2.7	-2.7	Negligible P	Yes
220	62.4	59.8	59.8	-2.6	-2.6	Negligible P	63.5	60.9	60.9	-2.6	-2.6	Negligible P	Yes
221	63.7	61.2	61.2	-2.5	-2.5	Negligible P	64.7	62.3	62.3	-2.4	-2.4	Negligible P	Yes
222	56.6	51.1	51.1	-5.5	-5.5	Clearly Noticeable P	58	52.3	52.3	-5.7	-5.7	Clearly Noticeable P	Yes
223	54.3	50.7	50.7	-3.6	-3.6	Noticeable P	55.5	51.9	51.9	-3.6	-3.6	Noticeable P	Yes
224	67.1	64.9	64.9	-2.2	-2.2	Negligible P	68.2	66	66	-2.2	-2.2	Negligible P	Yes
225	55.5	53	53	-2.5	-2.5	Negligible P	56.6	54.1	54.1	-2.5	-2.5	Negligible P	Yes
226	62.4	56	56	-6.4	-6.4	Clearly Noticeable P	63.6	57.3	57.3	-6.3	-6.3	Clearly Noticeable P	Yes
227	60.5	58.9	58.9	-1.6	-1.6	Negligible P	61.6	60.2	60.2	-1.4	-1.4	Negligible P	Yes
228	63.7	55.2	55.2	-8.5	-8.5	Clearly Noticeable P	65	56.4	56.4	-8.6	-8.6	Clearly Noticeable P	Yes
229	54.6	51.6	51.6	-3	-3	Negligible P	55.6	52.8	52.8	-2.8	-2.8	Negligible P	Yes
230	54	50.8	50.8	-3.2	-3.2	Negligible P	55.1	51.9	51.9	-3.2	-3.2	Negligible P	Yes
231	59.1	57.2	57.2	-1.9	-1.9	Negligible P	60.1	58.3	58.3	-1.8	-1.8	Negligible P	Yes
232	60.1	58.4	58.4	-1.7	-1.7	Negligible P	61.1	59.5	59.5	-1.6	-1.6	Negligible P	Yes
233	62.9	61.2	61.2	-1.7	-1.7	Negligible P	63.9	62.3	62.3	-1.6	-1.6	Negligible P	Yes
234	60.8	59	59	-1.8	-1.8	Negligible P	61.9	60.1	60.1	-1.8	-1.8	Negligible P	Yes
235	61.2	59.4	59.4	-1.8	-1.8	Negligible P	62.2	60.4	60.4	-1.8	-1.8	Negligible P	Yes
236	62.9	61.4	61.4	-1.5	-1.5	Negligible P	63.9	62.4	62.4	-1.5	-1.5	Negligible P	Yes
237	62.3	60.7	60.7	-1.6	-1.6	Negligible P	63.4	61.7	61.7	-1.7	-1.7	Negligible P	Yes
238	62.3	60.9	60.9	-1.4	-1.4	Negligible P	63.4	61.9	61.9	-1.5	-1.5	Negligible P	Yes
239	60.5	58.7	58.7	-1.8	-1.8	Negligible P	61.4	59.7	59.7	-1.7	-1.7	Negligible P	Yes

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
240	64.9	61.7	61.7	-3.2	-3.2	Negligible P	65.5	63	63	-2.5	-2.5	Negligible P	Yes
241	70.2	66.8	66.8	-3.4	-3.4	Negligible P	69.4	67.7	67.7	-1.7	-1.7	Negligible P	Yes
242	67.1	63.4	63.4	-3.7	-3.7	Noticeable P	65.7	64.4	64.4	-1.3	-1.3	Negligible P	Yes
243	72.3	66	66	-6.3	-6.3	Clearly Noticeable P	70.4	67	67	-3.4	-3.4	Negligible P	Yes
244	61.3	58.5	58.5	-2.8	-2.8	Negligible P	59.7	59.5	59.5	-0.2	-0.2	Negligible P	Yes
245	66.9	62.7	62.7	-4.2	-4.2	Noticeable P	65	63.7	63.7	-1.3	-1.3	Negligible P	Yes
246	60.7	58.3	58.3	-2.4	-2.4	Negligible P	59.4	59.3	59.3	-0.1	-0.1	Negligible P	Yes
247	68.3	64	64	-4.3	-4.3	Noticeable P	66.4	65	65	-1.4	-1.4	Negligible P	Yes
248	67.1	63.2	63.2	-3.9	-3.9	Noticeable P	65.2	64.2	64.2	-1	-1	Negligible P	Yes
249	69.7	64.9	64.9	-4.8	-4.8	Noticeable P	67.7	65.9	65.9	-1.8	-1.8	Negligible P	Yes
250	65.4	61.7	61.7	-3.7	-3.7	Noticeable P	63.6	62.7	62.7	-0.9	-0.9	Negligible P	Yes
251	63	59.7	59.7	-3.3	-3.3	Negligible P	61.4	60.7	60.7	-0.7	-0.7	Negligible P	Yes
252	60.9	58.2	58.2	-2.7	-2.7	Negligible P	59.7	59.2	59.2	-0.5	-0.5	Negligible P	Yes
253	61.3	58.5	58.5	-2.8	-2.8	Negligible P	60.1	59.5	59.5	-0.6	-0.6	Negligible P	Yes
254	76.1	69.1	69.1	-7	-7	Clearly Noticeable P	73.9	70.1	70.1	-3.8	-3.8	Noticeable P	Yes
255	77.2	78	78	0.8	0.8	-	75	78.9	78.9	3.9	3.9	-	Shed
256	70	63.6	63.6	-6.4	-6.4	Clearly Noticeable P	68	64.6	64.6	-3.4	-3.4	Negligible P	Yes
257	70.6	63.9	63.9	-6.7	-6.7	Clearly Noticeable P	68.5	64.9	64.9	-3.6	-3.6	Noticeable P	Yes
258	69.8	63.2	63.2	-6.6	-6.6	Clearly Noticeable P	67.8	64.2	64.2	-3.6	-3.6	Noticeable P	Yes
259	68.9	62.7	62.7	-6.2	-6.2	Clearly Noticeable P	66.9	63.7	63.7	-3.2	-3.2	Negligible P	Yes
260	63.1	58.5	58.5	-4.6	-4.6	Noticeable P	61.8	59.5	59.5	-2.3	-2.3	Negligible P	Yes
261	61.8	57.3	57.3	-4.5	-4.5	Noticeable P	60.4	58.3	58.3	-2.1	-2.1	Negligible P	Yes
262	61.8	57.3	57.3	-4.5	-4.5	Noticeable P	60.5	58.3	58.3	-2.2	-2.2	Negligible P	Yes
263	64.1	59	59	-5.1	-5.1	Noticeable P	62.6	60	60	-2.6	-2.6	Negligible P	Yes
264	61.2	56.8	56.8	-4.4	-4.4	Noticeable P	59.9	57.9	57.9	-2	-2	Negligible P	Yes
265	61.3	56.8	56.8	-4.5	-4.5	Noticeable P	60	57.8	57.8	-2.2	-2.2	Negligible P	Yes
266	60.6	56.2	56.2	-4.4	-4.4	Noticeable P	59.3	57.3	57.3	-2	-2	Negligible P	Yes
267	60	55.8	55.8	-4.2	-4.2	Noticeable P	58.8	56.8	56.8	-2	-2	Negligible P	Yes
268	58	54.5	54.5	-3.5	-3.5	Noticeable P	57	55.6	55.6	-1.4	-1.4	Negligible P	Yes
269	72.8	66.2	66.2	-6.6	-6.6	Clearly Noticeable P	70.7	67.1	67.1	-3.6	-3.6	Noticeable P	Yes
270	68.4	62.1	62.1	-6.3	-6.3	Clearly Noticeable P	66.6	63.2	63.2	-3.4	-3.4	Negligible P	Yes
271	74.5	67.3	67.3	-7.2	-7.2	Clearly Noticeable P	72.4	68.3	68.3	-4.1	-4.1	Noticeable P	Yes
272	64.5	59.3	59.3	-5.2	-5.2	Noticeable P	63.1	60.3	60.3	-2.8	-2.8	Negligible P	Yes
273	60.9	56.7	56.7	-4.2	-4.2	Noticeable P	59.8	57.7	57.7	-2.1	-2.1	Negligible P	Yes
274	59.1	55.6	55.6	-3.5	-3.5	Noticeable P	58.2	56.6	56.6	-1.6	-1.6	Negligible P	Yes
275	58.2	55	55	-3.2	-3.2	Negligible P	57.4	56	56	-1.4	-1.4	Negligible P	Yes
276	57.7	54.5	54.5	-3.2	-3.2	Negligible P	57	55.6	55.6	-1.4	-1.4	Negligible P	Yes
277	61.9	57.3	57.3	-4.6	-4.6	Noticeable P	60.8	58.4	58.4	-2.4	-2.4	Negligible P	Yes
278	69.2	62.8	62.8	-6.4	-6.4	Clearly Noticeable P	67.4	63.8	63.8	-3.6	-3.6	Noticeable P	Yes
279	69.3	63	63	-6.3	-6.3	Clearly Noticeable P	67.4	64	64	-3.4	-3.4	Negligible P	Yes
280	73	78.5	78.5	5.5	5.5	-	71.1	79.5	79.5	8.4	8.4	-	N/A
281	69.2	67.3	67.3	-1.9	-1.9	Negligible P	67.8	69.1	69.1	1.3	1.3	Negligible N	Yes
282	64.2	60.4	60.4	-3.8	-3.8	Noticeable P	63.6	61.6	61.6	-2	-2	Negligible P	Yes
283	64.4	60.7	60.7	-3.7	-3.7	Noticeable P	64.5	61.6	61.6	-2.9	-2.9	Negligible P	Yes
284	74.1	66.3	66.3	-7.8	-7.8	Clearly Noticeable P	72.2	67.3	67.3	-4.9	-4.9	Noticeable P	Yes
285	70.2	63.8	63.8	-6.4	-6.4	Clearly Noticeable P	68.7	64.8	64.8	-3.9	-3.9	Noticeable P	Yes
286	74.3	66.8	66.8	-7.5	-7.5	Clearly Noticeable P	72.8	67.8	67.8	-5	-5	Noticeable P	Yes
287	72.4	65.9	65.9	-6.5	-6.5	Clearly Noticeable P	71.9	66.9	66.9	-5	-5	Noticeable P	Yes
288	76.5	71.8	71.8	-4.7	-4.7	Noticeable P	77.4	72.7	72.7	-4.7	-4.7	Noticeable P	Yes

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
289	68.9	65.1	65.1	-3.8	-3.8	Noticeable P	69.5	66.1	66.1	-3.4	-3.4	Negligible P	Yes
290	71.6	77.7	77.7	6.1	6.1	-	72.5	78.6	78.6	6.1	6.1	-	N/A
291	76.9	77.9	77.9	1	1	-	77.8	78.8	78.8	1	1	-	N/A
292	59	56.9	56.9	-2.1	-2.1	Negligible P	59.8	57.8	57.8	-2	-2	Negligible P	Yes
293	59.4	57.1	57.1	-2.3	-2.3	Negligible P	60.2	58.1	58.1	-2.1	-2.1	Negligible P	Yes
294	58.7	56.2	56.2	-2.5	-2.5	Negligible P	59.4	57.2	57.2	-2.2	-2.2	Negligible P	Yes
295	58.4	56.4	56.4	-2	-2	-	59.3	57.3	57.3	-2	-2	-	Shed
296	65.3	62.6	62.6	-2.7	-2.7	Negligible P	66.1	63.6	63.6	-2.5	-2.5	Negligible P	Yes
297	75.5	71.6	71.6	-3.9	-3.9	Noticeable P	76.5	72.5	72.5	-4	-4	Noticeable P	Yes
298	70.7	68.4	68.4	-2.3	-2.3	Negligible P	71.7	69.4	69.4	-2.3	-2.3	Negligible P	Yes
299	64.8	62.9	62.9	-1.9	-1.9	Negligible P	65.7	63.9	63.9	-1.8	-1.8	Negligible P	Yes
300	71.3	69	69	-2.3	-2.3	Negligible P	72.3	69.9	69.9	-2.4	-2.4	Negligible P	Yes
301	67.5	65.8	65.8	-1.7	-1.7	Negligible P	68.4	66.7	66.7	-1.7	-1.7	Negligible P	Yes
302	67.1	67	67	-0.1	-0.1	-	68	67.9	67.9	-0.1	-0.1	-	N/A
303	63.3	61.6	61.6	-1.7	-1.7	Negligible P	64.2	62.5	62.5	-1.7	-1.7	Negligible P	Yes
304	62.2	60.5	60.5	-1.7	-1.7	Negligible P	63.1	61.4	61.4	-1.7	-1.7	Negligible P	Yes
305	59.9	58.3	58.3	-1.6	-1.6	Negligible P	60.8	59.2	59.2	-1.6	-1.6	Negligible P	Yes
306	58.4	56.6	56.6	-1.8	-1.8	Negligible P	59.2	57.6	57.6	-1.6	-1.6	Negligible P	Yes
307	57.9	56.9	56.9	-1	-1	Negligible P	58.8	57.8	57.8	-1	-1	Negligible P	Yes
308	58	57.2	57.2	-0.8	-0.8	Negligible P	58.9	58.1	58.1	-0.8	-0.8	Negligible P	Yes
309	57.9	56.9	56.9	-1	-1	Negligible P	58.8	57.8	57.8	-1	-1	Negligible P	Yes
310	60.7	58.7	58.7	-2	-2	-	61.6	59.6	59.6	-2	-2	-	N/A
311	76.4	78	78	1.6	1.6	-	77.3	78.9	78.9	1.6	1.6	-	N/A
312	71.4	68.8	68.8	-2.6	-2.6	Negligible P	72.3	69.7	69.7	-2.6	-2.6	Negligible P	Yes
313	65.1	62.7	62.7	-2.4	-2.4	Negligible P	66	63.6	63.6	-2.4	-2.4	Negligible P	Yes
314	59.8	56.7	56.7	-3.1	-3.1	Negligible P	60.7	57.6	57.6	-3.1	-3.1	Negligible P	Yes
315	58.6	56.4	56.4	-2.2	-2.2	Negligible P	59.2	57.3	57.3	-1.9	-1.9	Negligible P	Yes
316	65.9	62.7	62.7	-3.2	-3.2	Negligible P	66.8	63.5	63.5	-3.3	-3.3	Negligible P	Yes
317	57.6	56	56	-1.6	-1.6	Negligible P	58.5	56.8	56.7	-1.7	-1.8	Negligible P	Yes
318	70.5	66.7	66.7	-3.8	-3.8	Noticeable P	71.5	67.5	67.5	-4	-4	Noticeable P	Yes
319	69.4	66.5	66.5	-2.9	-2.9	Negligible P	70.4	67.3	67.3	-3.1	-3.1	Negligible P	Yes
320	58.9	57	57	-1.9	-1.9	Negligible P	59.8	57.8	57.8	-2	-2	Negligible P	Yes
321	71.3	69.9	69.9	-1.4	-1.4	Negligible P	72.2	70.7	70.7	-1.5	-1.5	Negligible P	Yes
322	69.6	68.2	68.2	-1.4	-1.4	Negligible P	70.5	69	69	-1.5	-1.5	Negligible P	Yes
323	68.8	67.3	67.3	-1.5	-1.5	Negligible P	69.8	68.1	68.1	-1.7	-1.7	Negligible P	Yes
324	66.2	64.1	64.1	-2.1	-2.1	Negligible P	67.1	64.9	64.9	-2.2	-2.2	Negligible P	Yes
325	64.5	62.9	62.9	-1.6	-1.6	Negligible P	65.4	63.8	63.7	-1.6	-1.7	Negligible P	Yes
326	65.8	64.2	64.2	-1.6	-1.6	Negligible P	66.7	65	65	-1.7	-1.7	Negligible P	Yes
327	62.7	60.3	60.3	-2.4	-2.4	Negligible P	63.6	61.1	61.1	-2.5	-2.5	Negligible P	Yes
328	64.7	63.2	63.1	-1.5	-1.6	Negligible P	65.6	64	64	-1.6	-1.6	Negligible P	Yes
329	57.8	55.4	55.4	-2.4	-2.4	Negligible P	58.8	56.2	56.2	-2.6	-2.6	Negligible P	Yes
330	58	56.1	56.1	-1.9	-1.9	Negligible P	59	56.9	56.9	-2.1	-2.1	Negligible P	Yes
331	59.3	57.5	57.5	-1.8	-1.8	Negligible P	60.2	58.4	58.3	-1.8	-1.9	Negligible P	Yes
332	60.4	58.1	58	-2.3	-2.4	Negligible P	61.4	58.9	58.8	-2.5	-2.6	Negligible P	Yes
333	61	58.3	58.2	-2.7	-2.8	Negligible P	61.9	59.1	59	-2.8	-2.9	Negligible P	Yes
334	61.3	58.4	58.4	-2.9	-2.9	Negligible P	62.3	59.2	59.1	-3.1	-3.2	Negligible P	Yes
335	68.5	69.9	69.9	1.4	1.4	-	69.4	70.5	70.5	1.1	1.1	-	N/A
336	61.2	57.7	57.6	-3.5	-3.6	Noticeable P	62.1	58.5	58.4	-3.6	-3.7	Noticeable P	Yes
337	62.3	58.9	58.8	-3.4	-3.5	Negligible P	63.3	59.6	59.5	-3.7	-3.8	Noticeable P	Yes

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
338	62.4	59.5	59.4	-2.9	-3	-	63.4	60.3	60.1	-3.1	-3.3	-	Shed
339	56.5	53.4	52.9	-3.1	-3.6	Negligible P	57.4	54.3	53.6	-3.1	-3.8	Negligible P	Yes
340	63.5	59.7	59.6	-3.8	-3.9	Noticeable P	64.5	60.5	60.4	-4	-4.1	Noticeable P	Yes
341	61.4	60.3	60.3	-1.1	-1.1	Negligible P	62.4	61.1	61.1	-1.3	-1.3	Negligible P	Yes
342	62.5	61.3	61.3	-1.2	-1.2	Negligible P	63.4	62.1	62.1	-1.3	-1.3	Negligible P	Yes
343	61.5	60.3	60.3	-1.2	-1.2	Negligible P	62.5	61.1	61.1	-1.4	-1.4	Negligible P	Yes
345	62.2	61	61	-1.2	-1.2	Negligible P	63.2	61.8	61.8	-1.4	-1.4	Negligible P	Yes
346	60.5	59.2	59.2	-1.3	-1.3	Negligible P	61.5	60	60	-1.5	-1.5	Negligible P	Yes
347	60.6	59.3	59.3	-1.3	-1.3	Negligible P	61.5	60.1	60.1	-1.4	-1.4	Negligible P	Yes
348	61.3	60	60	-1.3	-1.3	Negligible P	62.3	60.9	60.8	-1.4	-1.5	Negligible P	Yes
349	61.3	60	60	-1.3	-1.3	Negligible P	62.3	60.8	60.8	-1.5	-1.5	Negligible P	Yes
350	60.9	59.6	59.5	-1.3	-1.4	Negligible P	61.8	60.4	60.4	-1.4	-1.4	Negligible P	Yes
351	61.1	59.9	59.8	-1.2	-1.3	Negligible P	62.1	60.7	60.7	-1.4	-1.4	Negligible P	Yes
352	60.3	59.1	59	-1.2	-1.3	Negligible P	61.3	59.9	59.8	-1.4	-1.5	Negligible P	Yes
353	60.3	59.1	59	-1.2	-1.3	Negligible P	61.2	60	59.9	-1.2	-1.3	Negligible P	Yes
354	67.9	65.9	65.8	-2	-2.1	Negligible P	68.9	66.6	66.6	-2.3	-2.3	Negligible P	Yes
355	68.9	68.5	68.5	-0.4	-0.4	Negligible P	69.8	69.2	69.2	-0.6	-0.6	Negligible P	Yes
356	63.3	61.7	61.7	-1.6	-1.6	Negligible P	64.3	62.5	62.5	-1.8	-1.8	Negligible P	Yes
357	60.4	60.2	59.9	-0.2	-0.5	Negligible P	61.4	61	60.7	-0.4	-0.7	Negligible P	Yes
358	62.2	61.9	61.7	-0.3	-0.5	Negligible P	63.1	62.8	62.5	-0.3	-0.6	Negligible P	Yes
359	78.7	68.7	68.7	-10	-10	Clearly Noticeable P	79.6	69.6	69.5	-10	-10.1	Clearly Noticeable P	Yes
360	49.6	70.6	70.5	21	20.9	-	50.5	71.5	71.5	21	21	-	Shed
361	52.5	55.5	53.9	3	1.4	Negligible N	53.4	56.4	54.8	3	1.4	Negligible N	Yes
362	48.8	59.1	58.8	10.3	10	Clearly Noticeable N	49.7	60	59.8	10.3	10.1	Clearly Noticeable N	Yes
363	50.3	54.1	52.3	3.8	2	Noticeable N	51.2	55	53.2	3.8	2	Noticeable N	Yes
364	48.7	56.4	55.8	7.7	7.1	Clearly Noticeable N	49.6	57.3	56.8	7.7	7.2	Clearly Noticeable N	Yes
365	47.5	57	56.6	9.5	9.1	Clearly Noticeable N	48.4	57.9	57.6	9.5	9.2	Clearly Noticeable N	Yes
366	46.7	53.5	52.8	6.8	6.1	Clearly Noticeable N	47.6	54.4	53.8	6.8	6.2	Clearly Noticeable N	Yes
367	47	55.1	54.6	8.1	7.6	Clearly Noticeable N	47.9	56	55.5	8.1	7.6	Clearly Noticeable N	Yes
368	46.6	53.8	53.2	7.2	6.6	Clearly Noticeable N	47.6	54.7	54.1	7.1	6.5	Clearly Noticeable N	Yes
369	40	54	54	14	14	Substantial N	40	55	55	15	15	Substantial N	Yes
370	40	51.1	51.1	11.1	11.1	Substantial N	40	52	52	12	12	Substantial N	Yes
371	40	54.8	54.8	14.8	14.8	Substantial N	40	55.8	55.8	15.8	15.8	Very Substantial N	Yes
372	40	53	53	13	13	Substantial N	40	53.9	53.9	13.9	13.9	Substantial N	Yes
373	40	51.7	51.7	11.7	11.7	Substantial N	40	52.6	52.6	12.6	12.6	Substantial N	Yes
374	40	50.6	50.6	10.6	10.6	Substantial N	40	51.6	51.6	11.6	11.6	Substantial N	Yes
375	40	50.5	50.5	10.5	10.5	Substantial N	40	51.5	51.5	11.5	11.5	Substantial N	Yes
376	40	52.7	52.7	12.7	12.7	Substantial N	40	53.7	53.7	13.7	13.7	Substantial N	Yes
377	40	51	51	11	11	Substantial N	40	51.9	51.9	11.9	11.9	Substantial N	Yes
378	40	52	52	12	12	Substantial N	40	52.9	52.9	12.9	12.9	Substantial N	Yes
379	40	61.3	61.3	21.3	21.3	-	40	62.2	62.2	22.2	22.2	-	Old Ruins
380	40	53.3	53.3	13.3	13.3	Substantial N	40	54.2	54.2	14.2	14.2	Substantial N	Yes
381	40	53.8	53.8	13.8	13.8	Substantial N	40	54.7	54.7	14.7	14.7	Substantial N	Yes
382	40	52.6	52.6	12.6	12.6	Substantial N	40	53.6	53.5	13.6	13.5	Substantial N	Yes
383	40	54.3	54.3	14.3	14.3	Substantial N	40	55.3	55.3	15.3	15.3	Substantial N	Yes
384	40	54.2	54.2	14.2	14.2	Substantial N	40	55.1	55.1	15.1	15.1	Substantial N	Yes
385	40	58.5	58.5	18.5	18.5	Very Substantial N	40	59.4	59.4	19.4	19.4	Very Substantial N	Yes
386	40	59.3	59.3	19.3	19.3	Very Substantial N	40	60.3	60.3	20.3	20.3	Very Substantial N	Yes
387	40	59.2	59.2	19.2	19.2	-	40	60.2	60.2	20.2	20.2	-	Shed

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
388	40	59	59	19	19	-	40	60	60	20	20	-	Shed
389	40	57.6	57.6	17.6	17.6	-	40	58.6	58.6	18.6	18.6	-	Shed
390	40	58.3	58.3	18.3	18.3	Very Substantial N	40	59.3	59.3	19.3	19.3	Very Substantial N	Yes
391	40	56.1	56	16.1	16	Very Substantial N	40	57	57	17	17	Very Substantial N	Yes
392	40	55.6	55.6	15.6	15.6	Very Substantial N	40	56.5	56.5	16.5	16.5	Very Substantial N	Yes
393	40	55.7	55.7	15.7	15.7	Very Substantial N	40	56.6	56.6	16.6	16.6	Very Substantial N	Yes
394	40	57.5	57.5	17.5	17.5	Very Substantial N	40	58.5	58.5	18.5	18.5	Very Substantial N	Yes
395	40	58.1	58.1	18.1	18.1	Very Substantial N	40	59.1	59	19.1	19	Very Substantial N	Yes
396	40	57	57	17	17	Very Substantial N	40	57.9	57.9	17.9	17.9	Very Substantial N	Yes
397	40	58.3	58.2	18.3	18.2	Very Substantial N	40	59.2	59.2	19.2	19.2	Very Substantial N	Yes
398	40	57.6	57.6	17.6	17.6	-	40	58.6	58.5	18.6	18.5	-	Shed
399	40	56.7	56.7	16.7	16.7	-	40	57.7	57.6	17.7	17.6	-	Shed
400	62	65.3	63	3.3	1	Negligible N	63.1	66.2	63.9	3.1	0.8	Negligible N	Yes
401	61.5	62.5	58.6	1	-2.9	Negligible N	62.5	63.4	59.6	0.9	-2.9	Negligible N	Yes
402	63.4	63.9	58.3	0.5	-5.1	Negligible N	64.4	64.8	59.3	0.4	-5.1	Negligible N	Yes
403	65.1	65.4	57.6	0.3	-7.5	Negligible N	66.1	66.3	58.6	0.2	-7.5	Negligible N	Yes
404	63.1	63.5	56.4	0.4	-6.7	Negligible N	64.1	64.4	57.4	0.3	-6.7	Negligible N	Yes
405	61.4	58.7	57.6	-2.7	-3.8	Negligible P	62.3	59.6	58.6	-2.7	-3.7	Negligible P	Yes
406	40	55.3	55.3	15.3	15.3	Substantial N	40	56.3	56.3	16.3	16.3	Very Substantial N	Yes
407	40	59.1	59.1	19.1	19.1	Very Substantial N	40	60.1	60.1	20.1	20.1	Very Substantial N	Yes
408	40	58.6	58.6	18.6	18.6	Very Substantial N	40	59.6	59.6	19.6	19.6	Very Substantial N	Yes
409	40	57.9	57.9	17.9	17.9	Very Substantial N	40	58.8	58.8	18.8	18.8	Very Substantial N	Yes
410	40	58.4	58.4	18.4	18.4	Very Substantial N	40	59.4	59.4	19.4	19.4	Very Substantial N	Yes
411	40	56.7	56.7	16.7	16.7	Very Substantial N	40	57.7	57.7	17.7	17.7	Very Substantial N	Yes
412	40	56	56	16	16	Very Substantial N	40	57	57	17	17	Very Substantial N	Yes
413	40	55.7	55.7	15.7	15.7	Very Substantial N	40	56.7	56.7	16.7	16.7	Very Substantial N	Yes
414	40	55.5	55.5	15.5	15.5	Very Substantial N	40	56.5	56.5	16.5	16.5	Very Substantial N	Yes
415	40	56.1	56.1	16.1	16.1	Very Substantial N	40	57.1	57.1	17.1	17.1	Very Substantial N	Yes
416	40	57.3	57.3	17.3	17.3	Very Substantial N	40	58.3	58.3	18.3	18.3	Very Substantial N	Yes
417	42.3	60.3	60.2	18	17.9	Very Substantial N	43.5	61.3	61.2	17.8	17.7	Very Substantial N	Yes
418	43.9	52.5	51.9	8.6	8	Clearly Noticeable N	45.1	53.5	52.9	8.4	7.8	Clearly Noticeable N	Yes
419	40	59.6	59.6	19.6	19.6	-	40	60.6	60.6	20.6	20.6	-	N/A
420	40	57.3	57.3	17.3	17.3	Very Substantial N	40	58.3	58.3	18.3	18.3	Very Substantial N	Yes
421	40	57.3	57.3	17.3	17.3	Very Substantial N	40	58.3	58.3	18.3	18.3	Very Substantial N	Yes
422	42.3	56.9	56.8	14.6	14.5	-	43.5	57.9	57.8	14.4	14.3	-	Shed
423	42.9	54.9	54.7	12	11.8	-	44.1	56	55.7	11.9	11.6	-	Shed
424	59.3	61.2	57.2	1.9	-2.1	Negligible N	60.5	62.5	58.2	2	-2.3	Negligible N	Yes
425	62.1	63.6	58.4	1.5	-3.7	Negligible N	63.3	64.9	59.4	1.6	-3.9	Negligible N	Yes
426	60.6	62.7	59.8	2.1	-0.8	Negligible N	61.8	63.9	60.8	2.1	-1	Negligible N	Yes
427	60	61.4	56	1.4	-4	Negligible N	61.2	62.7	57	1.5	-4.2	Negligible N	Yes
428	54.9	58.2	55.3	3.3	0.4	Negligible N	56.1	59.5	56.3	3.4	0.2	Negligible N	Yes
429	40	55.7	55.7	15.7	15.7	Very Substantial N	40	56.7	56.7	16.7	16.7	Very Substantial N	Yes
430	40	58.3	58.2	18.3	18.2	Very Substantial N	40	59.3	59.2	19.3	19.2	Very Substantial N	Yes
431	40	61.9	61.9	21.9	21.9	-	40	62.9	62.9	22.9	22.9	-	Shed
432	40	54.5	54.5	14.5	14.5	Substantial N	40	55.5	55.5	15.5	15.5	Very Substantial N	Yes
433	40	56.2	56.2	16.2	16.2	Very Substantial N	40	57.2	57.2	17.2	17.2	Very Substantial N	Yes
434	40	53.5	53.4	13.5	13.4	Substantial N	40	54.5	54.4	14.5	14.4	Substantial N	Yes
435	40	47.4	47.4	7.4	7.4	Clearly Noticeable N	40	48.4	48.4	8.4	8.4	Clearly Noticeable N	Yes
436	40	48.9	48.9	8.9	8.9	-	40	49.9	49.9	9.9	9.9	-	Shed

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
437	41.7	47.7	47.5	6	5.8	Clearly Noticeable N	42.7	48.7	48.5	6	5.8	Clearly Noticeable N	Yes
438	41	51.3	51.3	10.3	10.3	-	42	52.3	52.3	10.3	10.3	-	Shed
439	43.1	50	49.9	6.9	6.8	Clearly Noticeable N	44.1	51	50.9	6.9	6.8	Clearly Noticeable N	Yes
440	46.1	49.5	49.3	3.4	3.2	Negligible N	47.1	50.5	50.3	3.4	3.2	Negligible N	Yes
441	43.8	56.6	56.5	12.8	12.7	-	44.7	57.6	57.5	12.9	12.8	-	Shed
442	44.8	57.6	57.6	12.8	12.8	Substantial N	45.8	58.6	58.6	12.8	12.8	Substantial N	Yes
443	40	62.2	62.2	22.2	22.2	-	40	63.2	63.2	23.2	23.2	-	Shed
444	60.4	58.1	58.1	-2.3	-2.3	Negligible P	62.2	59.6	59.6	-2.6	-2.6	Negligible P	Yes
445	60.4	57.9	57.9	-2.5	-2.5	Negligible P	62.1	59.4	59.4	-2.7	-2.7	Negligible P	Yes
446	56.8	56.7	56.7	-0.1	-0.1	Negligible P	58.5	58.5	58.5	0	0	No Change	Yes
447	63.7	60.3	60.3	-3.4	-3.4	Negligible P	65.4	61.9	61.9	-3.5	-3.5	Negligible P	Yes
448	62.7	62	62	-0.7	-0.7	Negligible P	64.4	63.1	63.1	-1.3	-1.3	Negligible P	Yes
449	60.6	61.2	61.2	0.6	0.6	Negligible N	62.3	62.8	62.8	0.5	0.5	Negligible N	Yes
450	45.4	55.6	55.4	10.2	10	Clearly Noticeable N	46.4	56.6	56.4	10.2	10	Clearly Noticeable N	Yes
451	48.7	61	60.9	12.3	12.2	-	49.6	62	61.9	12.4	12.3	-	N/A
452	48.9	59.1	59	10.2	10.1	Clearly Noticeable N	49.8	60.1	60	10.3	10.2	Clearly Noticeable N	Yes
453	48.9	59.2	59.2	10.3	10.3	-	49.9	60.3	60.2	10.4	10.3	-	Old Pumphouse
454	49.2	56.1	55.9	6.9	6.7	Clearly Noticeable N	50.1	57.1	56.9	7	6.8	Clearly Noticeable N	Yes
455	49.4	53.6	53.4	4.2	4	Noticeable N	50.3	54.7	54.4	4.4	4.1	Noticeable N	Yes
456	49	58.7	58.6	9.7	9.6	Clearly Noticeable N	49.9	59.7	59.6	9.8	9.7	Clearly Noticeable N	Yes
457	53.2	57.1	56.6	3.9	3.4	Noticeable N	54.1	58.2	57.6	4.1	3.5	Noticeable N	Yes
458	54.4	54.4	53.2	0	-1.2	No Change	55.4	55.7	54.2	0.3	-1.2	Negligible N	Yes
459	54.7	54.3	52.9	-0.4	-1.8	Negligible P	55.6	55.6	53.9	0	-1.7	No Change	Yes
460	55.3	53.8	52.2	-1.5	-3.1	Negligible P	56.3	55.2	53.2	-1.1	-3.1	Negligible P	Yes
461	56.2	53.2	50.5	-3	-5.7	Negligible P	57.1	54.7	51.4	-2.4	-5.7	Negligible P	Yes
462	55.6	57	56.7	1.4	1.1	-	56.5	58.1	57.6	1.6	1.1	-	Garage
463	55.5	56.3	55.8	0.8	0.3	Negligible N	56.4	57.5	56.8	1.1	0.4	Negligible N	Yes
464	57.9	55.9	55.3	-2	-2.6	Negligible P	58.7	57	56.2	-1.7	-2.5	Negligible P	Yes
465	52.6	55.7	55	3.1	2.4	Negligible N	53.5	56.8	56	3.3	2.5	Negligible N	Yes
466	54.6	56.9	56.2	2.3	1.6	Negligible N	55.5	58	57.2	2.5	1.7	Negligible N	Yes
467	53.6	56.7	56	3.1	2.4	Negligible N	54.5	57.8	57	3.3	2.5	Negligible N	Yes
468	51.5	55.3	54.7	3.8	3.2	Noticeable N	52.4	56.4	55.6	4	3.2	Noticeable N	Yes
469	63.6	59.8	56.3	-3.8	-7.3	Noticeable P	64.5	61.4	57.3	-3.1	-7.2	Negligible P	Yes
470	53.3	56.4	55.8	3.1	2.5	Negligible N	54.2	57.5	56.7	3.3	2.5	Negligible N	Yes
471	61.2	60.5	59.2	-0.7	-2	Negligible P	62.1	61.8	60.1	-0.3	-2	Negligible P	Yes
472	65.5	64	58.3	-1.5	-7.2	Negligible P	66.3	65.1	59.3	-1.2	-7	Negligible P	Yes
473	67.2	66.7	60.1	-0.5	-7.1	Negligible P	68.1	67.6	61.1	-0.5	-7	Negligible P	Yes
474	67.2	67.4	61.9	0.2	-5.3	Negligible N	68.1	68.3	62.9	0.2	-5.2	Negligible N	Yes
475	62.5	64.9	63	2.4	0.5	Negligible N	63.4	65.9	64	2.5	0.6	Negligible N	Yes
476	63.9	69.3	68.7	5.4	4.8	-	64.8	70.3	69.7	5.5	4.9	-	N/A
477	52.3	59.1	58.6	6.8	6.3	Clearly Noticeable N	53.2	60.2	59.6	7	6.4	Clearly Noticeable N	Yes
478	57	57.7	56.9	0.7	-0.1	Negligible N	57.9	59	57.9	1.1	0	Negligible N	Yes
479	56.3	57.5	56.7	1.2	0.4	Negligible N	57.2	58.7	57.7	1.5	0.5	Negligible N	Yes
480	56.7	57.1	56	0.4	-0.7	Negligible N	57.6	58.4	57	0.8	-0.6	Negligible N	Yes
481	49.6	56.3	55.8	6.7	6.2	Clearly Noticeable N	50.5	57.4	56.8	6.9	6.3	Clearly Noticeable N	Yes
482	48.6	56.3	55.8	7.7	7.2	Clearly Noticeable N	49.5	57.5	56.8	8	7.3	Clearly Noticeable N	Yes
483	50.8	58.2	57.9	7.4	7.1	Clearly Noticeable N	51.7	59.3	58.9	7.6	7.2	Clearly Noticeable N	Yes
484	51.1	58.3	58.1	7.2	7	-	52	59.4	59.1	7.4	7.1	-	Reservoir
485	43.8	58.3	58.1	14.5	14.3	Substantial N	44.7	59.3	59.1	14.6	14.4	Substantial N	Yes

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
486	51.3	57.9	57.5	6.6	6.2	Clearly Noticeable N	52.2	59	58.5	6.8	6.3	Clearly Noticeable N	Yes
487	51.9	56.7	56.2	4.8	4.3	Noticeable N	52.9	57.8	57.2	4.9	4.3	Noticeable N	Yes
488	51.8	56.8	56.4	5	4.6	Noticeable N	52.7	57.9	57.4	5.2	4.7	Noticeable N	Yes
489	53.6	59.6	59.3	6	5.7	Clearly Noticeable N	54.5	60.7	60.3	6.2	5.8	Clearly Noticeable N	Yes
490	52.6	57.3	56.8	4.7	4.2	Noticeable N	53.5	58.3	57.8	4.8	4.3	Noticeable N	Yes
491	52.9	57.4	57	4.5	4.1	Noticeable N	53.8	58.4	58	4.6	4.2	Noticeable N	Yes
492	53.3	57.6	57.1	4.3	3.8	Noticeable N	54.3	58.6	58.1	4.3	3.8	Noticeable N	Yes
493	53.6	58	57.6	4.4	4	Noticeable N	54.5	59.1	58.6	4.6	4.1	Noticeable N	Yes
494	53.8	58	57.6	4.2	3.8	Noticeable N	54.7	59.1	58.6	4.4	3.9	Noticeable N	Yes
495	74.7	68.8	61.3	-5.9	-13.4	Clearly Noticeable P	75.6	70.7	62.3	-4.9	-13.3	Noticeable P	Yes
496	73.4	67	59.3	-6.4	-14.1	Clearly Noticeable P	74.3	68.8	60.3	-5.5	-14	Noticeable P	Yes
497	66.9	62.3	58.3	-4.6	-8.6	Noticeable P	67.8	63.8	59.3	-4	-8.5	Noticeable P	Yes
498	71.5	66	58.5	-5.5	-13	Clearly Noticeable P	72.4	67.7	59.5	-4.7	-12.9	Noticeable P	Yes
499	71.4	66.5	61	-4.9	-10.4	Noticeable P	72.3	68.2	62	-4.1	-10.3	Noticeable P	Yes
500	72.7	67.3	60.2	-5.4	-12.5	Noticeable P	73.6	69	61.2	-4.6	-12.4	Noticeable P	Yes
501	75	69.9	58.5	-5.1	-16.5	Noticeable P	76	71.4	59.5	-4.6	-16.5	Noticeable P	Yes
502	65.4	63.4	60	-2	-5.4	Negligible P	66.4	64.5	61	-1.9	-5.4	Negligible P	Yes
503	63	62.9	61.1	-0.1	-1.9	Negligible P	63.9	64	62.1	0.1	-1.8	Negligible N	Yes
504	64.6	63.2	60.2	-1.4	-4.4	Negligible P	65.5	64.2	61.2	-1.3	-4.3	Negligible P	Yes
505	62.1	62.9	61.5	0.8	-0.6	-	63	63.9	62.5	0.9	-0.5	-	Shed
506	54.8	59.6	59.1	4.8	4.3	Noticeable N	55.8	60.6	60.1	4.8	4.3	Noticeable N	Yes
507	54.8	59	58.4	4.2	3.6	Noticeable N	55.7	60	59.4	4.3	3.7	Noticeable N	Yes
508	54.6	57.9	57.2	3.3	2.6	Negligible N	55.5	58.9	58.2	3.4	2.7	Negligible N	Yes
509	54.1	57.6	56.9	3.5	2.8	Noticeable N	55.1	58.6	57.9	3.5	2.8	Noticeable N	Yes
510	53.9	56.6	55.8	2.7	1.9	Negligible N	54.9	57.6	56.8	2.7	1.9	Negligible N	Yes
511	53.5	55.6	54.8	2.1	1.3	Negligible N	54.4	56.6	55.8	2.2	1.4	Negligible N	Yes
512	53.6	59.3	58.8	5.7	5.2	Clearly Noticeable N	54.5	60.3	59.8	5.8	5.3	Clearly Noticeable N	Yes
513	54.1	59.1	58.6	5	4.5	-	55.1	60.1	59.6	5	4.5	-	Shed
514	53.3	58.7	58.1	5.4	4.8	Noticeable N	54.2	59.7	59.1	5.5	4.9	Noticeable N	Yes
515	52.2	56.3	55.6	4.1	3.4	Noticeable N	53.2	57.3	56.6	4.1	3.4	Noticeable N	Yes
516	52.4	55.9	55.1	3.5	2.7	Noticeable N	53.4	56.9	56.1	3.5	2.7	Noticeable N	Yes
517	52	55.3	54.5	3.3	2.5	Negligible N	53	56.3	55.5	3.3	2.5	Negligible N	Yes
518	51.9	54.6	53.6	2.7	1.7	Negligible N	52.8	55.6	54.6	2.8	1.8	Negligible N	Yes
519	50.7	58.1	57.7	7.4	7	Clearly Noticeable N	51.6	59.1	58.7	7.5	7.1	Clearly Noticeable N	Yes
520	61.4	61	60.9	-0.4	-0.5	Negligible P	63.6	62.2	62.1	-1.4	-1.5	Negligible P	Yes
521	57.3	60.5	60.4	3.2	3.1	Negligible N	59.4	61.7	61.5	2.3	2.1	Negligible N	Yes
522	60.9	57.7	55.2	-3.2	-5.7	Negligible P	63	58.7	56.4	-4.3	-6.6	Noticeable P	Yes
523	62.9	59.3	55.8	-3.6	-7.1	Noticeable P	65	60.2	57.1	-4.8	-7.9	Noticeable P	Yes
524	52.1	57.7	56.4	5.6	4.3	Clearly Noticeable N	52.8	58.7	57.5	5.9	4.7	Clearly Noticeable N	Yes
525	48.2	58.7	58.5	10.5	10.3	Substantial N	49	59.8	59.6	10.8	10.6	Substantial N	Yes
527	64.2	64.9	58.6	0.7	-5.6	-	64.9	65.7	59.6	0.8	-5.3	-	N/A
528	55.6	56.8	53.8	1.2	-1.8	Negligible N	56.3	57.7	54.9	1.4	-1.4	Negligible N	Yes
529	53.6	55.3	53.1	1.7	-0.5	-	54.4	56.2	54.2	1.8	-0.2	-	Garage
530	57.4	59.2	56.4	1.8	-1	Negligible N	58.1	60	57.5	1.9	-0.6	Negligible N	Yes
531	57.4	59	56.2	1.6	-1.2	Negligible N	58.1	59.9	57.3	1.8	-0.8	Negligible N	Yes
532	63.8	64.1	53.7	0.3	-10.1	Negligible N	64.5	64.8	54.8	0.3	-9.7	Negligible N	Yes
533	62.6	62.8	53.4	0.2	-9.2	Negligible N	63.3	63.5	54.4	0.2	-8.9	Negligible N	Yes
534	59.7	60.2	52.7	0.5	-7	Negligible N	60.4	60.9	53.8	0.5	-6.6	Negligible N	Yes
535	44.2	56.5	56.3	12.3	12.1	Substantial N	45.1	57.5	57.4	12.4	12.3	Substantial N	Yes

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
536	54.8	59.7	59.1	4.9	4.3	-	55.6	60.7	60.1	5.1	4.5	-	N/A
537	64	65.7	59.4	1.7	-4.6	Negligible N	64.9	66.5	60.4	1.6	-4.5	Negligible N	Yes
538	62.9	63.7	57.4	0.8	-5.5	Negligible N	63.7	64.4	58.4	0.7	-5.3	Negligible N	Yes
539	62.8	62.5	56.9	-0.3	-5.9	Negligible P	63.6	63.3	57.9	-0.3	-5.7	Negligible P	Yes
540	64.9	64.1	55.8	-0.8	-9.1	Negligible P	65.7	64.8	56.9	-0.9	-8.8	Negligible P	Yes
541	64.2	64.3	55.6	0.1	-8.6	Negligible N	65	65	56.7	0	-8.3	No Change	Yes
542	64.5	63.7	54.8	-0.8	-9.7	Negligible P	65.3	64.4	55.9	-0.9	-9.4	Negligible P	Yes
543	62.6	61.6	51.7	-1	-10.9	Negligible P	63.4	62.3	52.8	-1.1	-10.6	Negligible P	Yes
544	45.7	78.4	78.4	32.7	32.7	-	46.5	79.5	79.5	33	33	-	N/A
545	40	74.1	74.1	34.1	34.1	-	40	75.2	75.2	35.2	35.2	-	N/A
546	40	52.7	52.6	12.7	12.6	Substantial N	40	53.7	53.7	13.7	13.7	Substantial N	Yes
547	40	54.8	54.8	14.8	14.8	Substantial N	40	55.9	55.9	15.9	15.9	Very Substantial N	Yes
548	40	75.4	75.4	35.4	35.4	-	40	76.5	76.5	36.5	36.5	-	N/A
549	40	61.9	61.9	21.9	21.9	-	40	63	63	23	23	-	N/A
550	40	56.2	56.2	16.2	16.2	Very Substantial N	40	57.3	57.3	17.3	17.3	Very Substantial N	Yes
551	40	52.6	52.6	12.6	12.6	Substantial N	40	53.6	53.6	13.6	13.6	Substantial N	Yes
552	40	54.3	54.3	14.3	14.3	Substantial N	40	55.3	55.3	15.3	15.3	Substantial N	Yes
553	40	54.2	54.2	14.2	14.2	Substantial N	40	55.2	55.2	15.2	15.2	Substantial N	Yes
554a	40	57.3	57.3	17.3	17.3	Very Substantial N	40	58.3	58.3	18.3	18.3	Very Substantial N	Yes
554b	40	59.1	59.1	19.1	19.1	Very Substantial N	40	60.2	60.2	20.2	20.2	Very Substantial N	Yes
555	40	74.2	74.2	34.2	34.2	-	40	75.3	75.3	35.3	35.3	-	N/A
556	40	58.2	58.2	18.2	18.2	Very Substantial N	40	59.2	59.2	19.2	19.2	Very Substantial N	Yes
557	40.3	58.8	58.8	18.5	18.5	Very Substantial N	41.4	59.9	59.8	18.5	18.4	Very Substantial N	Yes
558	40.2	58.2	58.1	18	17.9	Very Substantial N	41.2	59.2	59.2	18	18	Very Substantial N	Yes
559	40.7	59.6	59.6	18.9	18.9	Very Substantial N	41.8	60.7	60.6	18.9	18.8	Very Substantial N	Yes
560	41	58.8	58.8	17.8	17.8	Very Substantial N	42	59.9	59.9	17.9	17.9	Very Substantial N	Yes
561	41.3	58.4	58.4	17.1	17.1	Very Substantial N	42.3	59.5	59.4	17.2	17.1	Very Substantial N	Yes
562	40	52.7	52.6	12.7	12.6	Substantial N	40	53.8	53.7	13.8	13.7	Substantial N	Yes
563	40	52.6	52.5	12.6	12.5	Substantial N	40.4	53.7	53.6	13.3	13.2	Substantial N	Yes
564	40	50.8	50.7	10.8	10.7	Substantial N	40	51.9	51.8	11.9	11.8	Substantial N	Yes
565	40	50.8	50.7	10.8	10.7	Substantial N	40	51.8	51.7	11.8	11.7	Substantial N	Yes
566	40	50.8	50.6	10.8	10.6	Substantial N	40	51.8	51.7	11.8	11.7	Substantial N	Yes
567	40	51.3	51.1	11.3	11.1	Substantial N	40	52.3	52.2	12.3	12.2	Substantial N	Yes
568	43.5	58.9	58.9	15.4	15.4	-	44.5	60	59.9	15.5	15.4	-	Ruins
569	43	57.1	57	14.1	14	Substantial N	44	58.2	58.1	14.2	14.1	Substantial N	Yes
570	41.7	57.8	57.7	16.1	16	Very Substantial N	42.7	58.8	58.8	16.1	16.1	Very Substantial N	Yes
571	40.5	54.9	54.9	14.4	14.4	Substantial N	41.5	56	55.9	14.5	14.4	Substantial N	Yes
572	43.3	59.7	59.6	16.4	16.3	-	44.3	60.7	60.7	16.4	16.4	-	Shed
573	43.1	57.4	57.3	14.3	14.2	Substantial N	44.2	58.4	58.4	14.2	14.2	Substantial N	Yes
574	42.3	55.8	55.7	13.5	13.4	Substantial N	43.3	56.9	56.8	13.6	13.5	Substantial N	Yes
575	41.3	54.8	54.6	13.5	13.3	Substantial N	42.3	55.8	55.7	13.5	13.4	Substantial N	Yes
576	41.5	55	54.9	13.5	13.4	Substantial N	42.5	56.1	56	13.6	13.5	Substantial N	Yes
577	45.8	55	54.8	9.2	9	Clearly Noticeable N	46.9	56	55.9	9.1	9	Clearly Noticeable N	Yes
578	46.6	55	54.7	8.4	8.1	Clearly Noticeable N	47.6	56	55.8	8.4	8.2	Clearly Noticeable N	Yes
579	42.7	48.9	48.3	6.2	5.6	-	43.7	49.9	49.4	6.2	5.7	-	Shed
580	43.2	54.6	54.4	11.4	11.2	Substantial N	44.2	55.6	55.4	11.4	11.2	Substantial N	Yes
581	49.8	53.3	51.6	3.5	1.8	Noticeable N	50.8	54.3	52.6	3.5	1.8	Noticeable N	Yes
582	52.6	58.4	56.8	5.8	4.2	Clearly Noticeable N	52.9	59.4	57.8	6.5	4.9	Clearly Noticeable N	Yes
583	61.3	63.8	56.2	2.5	-5.1	Negligible N	62.1	64.8	57.2	2.7	-4.9	Negligible N	Yes
584	57.1	57.8	55.9	0.7	-1.2	Negligible N	57.9	58.8	57	0.9	-0.9	Negligible N	Yes
585	47	59.2	59.1	12.2	12.1	Substantial N	49.3	60.2	60.2	10.9	10.9	Substantial N	Yes
586	63.8	61.5	61.5	-2.3	-2.3	Negligible P	66.9	62.5	62.5	-4.4	-4.4	Noticeable P	Yes

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587	64.8	61.8	61.8	-3	-3	Negligible P	67.8	62.9	62.9	-4.9	-4.9	Noticeable P	Yes
588	62.8	60.9	60.8	-1.9	-2	-	65.8	61.9	61.9	-3.9	-3.9	-	Shed
589	41.4	56.4	56.4	15	15	Substantial N	43.6	57.5	57.4	13.9	13.8	Substantial N	Yes
590	44.2	54.2	54.1	10	9.9	Clearly Noticeable N	45.8	55.2	55.1	9.4	9.3	Clearly Noticeable N	Yes
591	44.2	54.8	54.7	10.6	10.5	Substantial N	45.8	55.8	55.8	10	10	Clearly Noticeable N	Yes
592	43.7	55.7	55.6	12	11.9	Substantial N	45.3	56.7	56.7	11.4	11.4	Substantial N	Yes
593	40	56.1	56.1	16.1	16.1	Very Substantial N	40.8	57.2	57.2	16.4	16.4	Very Substantial N	Yes
594	42.9	56.3	56.3	13.4	13.4	Substantial N	44.3	57.4	57.4	13.1	13.1	Substantial N	Yes
595	41.8	58.4	58.3	16.6	16.5	Very Substantial N	43	59.4	59.4	16.4	16.4	Very Substantial N	Yes
596	40.6	76.4	76.4	35.8	35.8	-	41.8	77.5	77.5	35.7	35.7	-	N/A
597	41.4	57.9	57.9	16.5	16.5	Very Substantial N	42.5	58.9	58.9	16.4	16.4	Very Substantial N	Yes
598	42.1	56.5	56.4	14.4	14.3	Substantial N	43.2	57.5	57.5	14.3	14.3	Substantial N	Yes
599	44.3	53.4	53.3	9.1	9	Clearly Noticeable N	45.3	54.4	54.3	9.1	9	Clearly Noticeable N	Yes
600	44.4	54.5	54.4	10.1	10	Clearly Noticeable N	45.5	55.5	55.4	10	9.9	Clearly Noticeable N	Yes
601	44.1	54.9	54.9	10.8	10.8	Substantial N	45.2	56	55.9	10.8	10.7	Substantial N	Yes
602	44.1	55.2	55.1	11.1	11	Substantial N	45.2	56.2	56.1	11	10.9	Substantial N	Yes
603	44.1	55.7	55.6	11.6	11.5	Substantial N	45.1	56.7	56.6	11.6	11.5	Substantial N	Yes
604	46.7	57.5	57.3	10.8	10.6	Substantial N	47.6	58.5	58.4	10.9	10.8	Substantial N	Yes
605	55.1	58	53.7	2.9	-1.4	Negligible N	55.8	58.7	54.7	2.9	-1.1	Negligible N	Yes
606	58.8	56.1	50.4	-2.7	-8.4	Negligible P	59.4	56.8	51.4	-2.6	-8	Negligible P	Yes
607	47.1	55.6	55.3	8.5	8.2	-	48.1	56.6	56.3	8.5	8.2	-	Shed
608	74.5	62.4	58.9	-12.1	-15.6	Substantial P	75.6	63.2	59.9	-12.4	-15.7	Substantial P	Yes
609	66.2	61.9	60.4	-4.3	-5.8	Noticeable P	67.3	62.9	61.4	-4.4	-5.9	Noticeable P	Yes
610	62.2	58.3	56.9	-3.9	-5.3	Noticeable P	63.3	59.1	57.8	-4.2	-5.5	Noticeable P	Yes
611	78.2	67	63.3	-11.2	-14.9	Substantial P	79.2	67.8	64.2	-11.4	-15	Substantial P	Yes
613	61	60.3	59.5	-0.7	-1.5	Negligible P	62.1	61.3	60.6	-0.8	-1.5	Negligible P	Yes
614	66.1	60.7	59.5	-5.4	-6.6	-	67.1	61.6	60.4	-5.5	-6.7	-	Shed
615	65.3	60	59	-5.3	-6.3	Noticeable P	66.3	60.9	60	-5.4	-6.3	Noticeable P	Yes
616	74.9	63	61.6	-11.9	-13.3	Substantial P	75.9	63.9	62.4	-12	-13.5	Substantial P	Yes
618	73	64.6	64.5	-8.4	-8.5	Clearly Noticeable P	74.1	65.5	65.4	-8.6	-8.7	Clearly Noticeable P	Yes
619	68.9	65.6	65.4	-3.3	-3.5	-	69.9	66.5	66.4	-3.4	-3.5	-	Shed
620	70.9	75	75	4.1	4.1	-	71.9	76.1	76	4.2	4.1	-	N/A
621	68.7	72	72	3.3	3.3	-	69.8	73.1	73.1	3.3	3.3	-	N/A
622	69.8	71	71	1.2	1.2	Negligible N	70.8	72	72	1.2	1.2	Negligible N	Yes
623	74.3	74.3	74.4	0	0.1	No Change	75.4	75.4	75.4	0	0	No Change	Yes
624	68.4	65.5	65.4	-2.9	-3	Negligible P	69.4	66.4	66.4	-3	-3	Negligible P	Yes
625	65.9	63.5	63.5	-2.4	-2.4	Negligible P	66.9	64.5	64.5	-2.4	-2.4	Negligible P	Yes
626	65.3	63	63	-2.3	-2.3	Negligible P	66.3	63.9	64	-2.4	-2.3	Negligible P	Yes
627	63.9	61.7	61.7	-2.2	-2.2	Negligible P	64.9	62.7	62.7	-2.2	-2.2	Negligible P	Yes
628	65.3	62.9	62.9	-2.4	-2.4	Negligible P	66.3	63.8	63.8	-2.5	-2.5	Negligible P	Yes
629	64.6	62.6	62.6	-2	-2	Negligible P	65.7	63.5	63.5	-2.2	-2.2	Negligible P	Yes
630	63.4	61.1	61.1	-2.3	-2.3	Negligible P	64.4	62	62	-2.4	-2.4	Negligible P	Yes
631	63.2	60.7	60.6	-2.5	-2.6	Negligible P	64.2	61.6	61.5	-2.6	-2.7	Negligible P	Yes
632	65.3	62.9	62.8	-2.4	-2.5	Negligible P	66.3	63.7	63.7	-2.6	-2.6	Negligible P	Yes
633	68.6	65.3	65.2	-3.3	-3.4	Negligible P	69.6	66.2	66.2	-3.4	-3.4	Negligible P	Yes
634	61	59	59	-2	-2	Negligible P	62	59.9	59.9	-2.1	-2.1	Negligible P	Yes
635	60	58.3	58.3	-1.7	-1.7	Negligible P	61.1	59.2	59.2	-1.9	-1.9	Negligible P	Yes
636	59.3	57.9	57.8	-1.4	-1.5	Negligible P	60.4	58.7	58.7	-1.7	-1.7	Negligible P	Yes
637	59.2	57.7	57.7	-1.5	-1.5	Negligible P	60.2	58.6	58.6	-1.6	-1.6	Negligible P	Yes

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638	58.6	57.1	57.1	-1.5	-1.5	Negligible P	59.6	58	57.9	-1.6	-1.7	Negligible P	Yes
639	58.1	56.9	56.8	-1.2	-1.3	Negligible P	59.1	57.8	57.7	-1.3	-1.4	Negligible P	Yes
640	55.1	53.6	53.6	-1.5	-1.5	Negligible P	56.1	54.5	54.5	-1.6	-1.6	Negligible P	Yes
641	59.9	58.6	58.5	-1.3	-1.4	Negligible P	61	59.4	59.4	-1.6	-1.6	Negligible P	Yes
642	58.4	57.6	57.5	-0.8	-0.9	Negligible P	59.5	58.4	58.4	-1.1	-1.1	Negligible P	Yes
643	59.6	58.6	58.5	-1	-1.1	Negligible P	60.6	59.4	59.4	-1.2	-1.2	Negligible P	Yes
644	68.4	65.4	65.5	-3	-2.9	Negligible P	69.4	66.4	66.4	-3	-3	Negligible P	Yes
645	62.3	60.8	60.7	-1.5	-1.6	Negligible P	63.3	61.6	61.6	-1.7	-1.7	Negligible P	Yes
646	60.5	59.6	59.6	-0.9	-0.9	Negligible P	61.5	60.4	60.4	-1.1	-1.1	Negligible P	Yes
647	59.9	59.2	59.1	-0.7	-0.8	Negligible P	60.9	60	59.9	-0.9	-1	Negligible P	Yes
648	59.3	58.4	58.4	-0.9	-0.9	Negligible P	60.3	59.2	59.2	-1.1	-1.1	Negligible P	Yes
649	59.1	58.7	58.6	-0.4	-0.5	Negligible P	60.2	59.5	59.4	-0.7	-0.8	Negligible P	Yes
650	59.3	59.5	59.5	0.2	0.2	Negligible N	60.3	60.3	60.2	0	-0.1	No Change	Yes
651	59.8	60.7	60.7	0.9	0.9	Negligible N	60.9	61.4	61.4	0.5	0.5	Negligible N	Yes
652	60.3	61.2	61.2	0.9	0.9	Negligible N	61.4	61.9	61.9	0.5	0.5	Negligible N	Yes
653	61.6	61.7	61.7	0.1	0.1	Negligible N	62.6	62.5	62.5	-0.1	-0.1	Negligible P	Yes
654	65.5	64.6	64.7	-0.9	-0.8	Negligible P	66.5	65.6	65.6	-0.9	-0.9	Negligible P	Yes
655	59.1	61.8	61.7	2.7	2.6	Negligible N	60.1	62.4	62.4	2.3	2.3	Negligible N	Yes
656	57.6	57.2	57.2	-0.4	-0.4	Negligible P	58.7	58	57.9	-0.7	-0.8	Negligible P	Yes
657	56	54.6	54.6	-1.4	-1.4	Negligible P	57	55.6	55.4	-1.4	-1.6	Negligible P	Yes
658	56.2	55	55	-1.2	-1.2	Negligible P	57.2	56	55.8	-1.2	-1.4	Negligible P	Yes
659	57.3	57.1	57	-0.2	-0.3	Negligible P	58.4	57.8	57.8	-0.6	-0.6	Negligible P	Yes
660	57.9	58.4	58.3	0.5	0.4	Negligible N	59	59.1	59.1	0.1	0.1	Negligible N	Yes
661	57.6	57.5	57.5	-0.1	-0.1	Negligible P	58.6	58.3	58.3	-0.3	-0.3	Negligible P	Yes
662	57.9	59.6	59.6	1.7	1.7	Negligible N	58.9	60.3	60.3	1.4	1.4	Negligible N	Yes
663	58.5	60.9	60.9	2.4	2.4	Negligible N	59.5	61.5	61.5	2	2	Negligible N	Yes
664	57.2	57	57	-0.2	-0.2	Negligible P	58.2	57.7	57.7	-0.5	-0.5	Negligible P	Yes
665	56.3	55.9	55.9	-0.4	-0.4	Negligible P	57.3	56.7	56.7	-0.6	-0.6	Negligible P	Yes
666	55.3	54.5	54.5	-0.8	-0.8	Negligible P	56.3	55.3	55.3	-1	-1	Negligible P	Yes
667	54.4	52.9	52.8	-1.5	-1.6	Negligible P	55.4	53.7	53.6	-1.7	-1.8	Negligible P	Yes
668	62.2	62.8	62.8	0.6	0.6	Negligible N	63.2	63.5	63.5	0.3	0.3	Negligible N	Yes
669	59.8	60.7	60.7	0.9	0.9	Negligible N	60.9	61.4	61.4	0.5	0.5	Negligible N	Yes
670	56.2	55.2	55.1	-1	-1.1	Negligible P	57.2	55.9	55.9	-1.3	-1.3	Negligible P	Yes
671	54.8	54.2	54.1	-0.6	-0.7	Negligible P	55.8	54.9	54.9	-0.9	-0.9	Negligible P	Yes
672	56.1	54.8	54.7	-1.3	-1.4	Negligible P	57.1	55.6	55.5	-1.5	-1.6	Negligible P	Yes
673	58.8	56.7	56.7	-2.1	-2.1	Negligible P	59.8	57.5	57.5	-2.3	-2.3	Negligible P	Yes
674	56.2	54.8	54.7	-1.4	-1.5	Negligible P	57.2	55.6	55.6	-1.6	-1.6	Negligible P	Yes
675	59.5	57.3	57.3	-2.2	-2.2	Negligible P	60.5	58.2	58.1	-2.3	-2.4	Negligible P	Yes
676	59.9	57.7	57.7	-2.2	-2.2	Negligible P	60.9	58.5	58.6	-2.4	-2.3	Negligible P	Yes
677	56.5	54.9	54.9	-1.6	-1.6	Negligible P	57.5	55.8	55.8	-1.7	-1.7	Negligible P	Yes
678	56.7	54.6	54.6	-2.1	-2.1	Negligible P	57.7	55.5	55.5	-2.2	-2.2	Negligible P	Yes
679	56.6	54.4	54.4	-2.2	-2.2	Negligible P	57.6	55.3	55.3	-2.3	-2.3	Negligible P	Yes
680	56.6	54.6	54.7	-2	-1.9	Negligible P	57.6	55.6	55.6	-2	-2	Negligible P	Yes
681	56.6	54.5	54.6	-2.1	-2	Negligible P	57.6	55.5	55.5	-2.1	-2.1	Negligible P	Yes
682	56.7	54.2	54.3	-2.5	-2.4	Negligible P	57.7	55.2	55.2	-2.5	-2.5	Negligible P	Yes
683	56.8	54	54.1	-2.8	-2.7	Negligible P	57.8	55	55	-2.8	-2.8	Negligible P	Yes
684	58.4	55.8	55.9	-2.6	-2.5	Negligible P	59.4	56.8	56.8	-2.6	-2.6	Negligible P	Yes
685	58.5	55.8	56	-2.7	-2.5	Negligible P	59.5	56.9	56.9	-2.6	-2.6	Negligible P	Yes
686	59.1	56.1	56.2	-3	-2.9	Negligible P	60.1	57.1	57.1	-3	-3	Negligible P	Yes

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
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687	59.2	56.1	56.1	-3.1	-3.1	Negligible P	60.2	57	57	-3.2	-3.2	Negligible P	Yes
688	59.2	55.8	55.8	-3.4	-3.4	Negligible P	60.2	56.8	56.8	-3.4	-3.4	Negligible P	Yes
689	59.7	56.3	56.3	-3.4	-3.4	Negligible P	60.7	57.2	57.2	-3.5	-3.5	Noticeable P	Yes
690	59.8	56.4	56.4	-3.4	-3.4	Negligible P	60.8	57.3	57.3	-3.5	-3.5	Noticeable P	Yes
691	56.6	54.3	54.3	-2.3	-2.3	Negligible P	57.6	55.2	55.2	-2.4	-2.4	Negligible P	Yes
692	57	54.5	54.5	-2.5	-2.5	Negligible P	57.9	55.4	55.4	-2.5	-2.5	Negligible P	Yes
693	67.2	64.8	64.8	-2.4	-2.4	-	68.2	65.7	65.7	-2.5	-2.5	-	Pumphouse
694	59.7	56.3	56.3	-3.4	-3.4	Negligible P	60.7	57.2	57.2	-3.5	-3.5	Noticeable P	Yes
695	58.6	55.3	55.3	-3.3	-3.3	Negligible P	59.6	56.2	56.2	-3.4	-3.4	Negligible P	Yes
696	58.8	56.5	56.5	-2.3	-2.3	-	59.8	57.5	57.5	-2.3	-2.3	-	Treatment Plant
697	59.2	56.9	56.9	-2.3	-2.3	Negligible P	60.2	57.9	57.8	-2.3	-2.4	Negligible P	Yes
698	58.7	56.3	56.1	-2.4	-2.6	-	59.7	57.2	57.1	-2.5	-2.6	-	Shed
699	58.4	55.9	55.7	-2.5	-2.7	Negligible P	59.3	56.8	56.6	-2.5	-2.7	Negligible P	Yes
700	59.9	61.9	58.4	2	-1.5	Negligible N	61.1	61.4	61.4	0.3	0.3	Negligible N	Yes
701	64	63.3	52.4	-0.7	-11.6	Negligible P	65.2	59.3	59.3	-5.9	-5.9	Noticeable P	Yes
702	61.3	59	56.6	-2.3	-4.7	Negligible P	62.4	59.8	57.5	-2.6	-4.9	Negligible P	Yes
703	60.2	56.8	54.3	-3.4	-5.9	-	61.2	57.7	55.3	-3.5	-5.9	-	Shed
704	59.1	59.5	52.7	0.4	-6.4	Negligible N	60.2	60.2	53.6	0	-6.6	No Change	Yes
705	62	63.6	53.4	1.6	-8.6	Negligible N	63.2	64.3	54.4	1.1	-8.8	Negligible N	Yes
706	58.2	59.2	51.6	1	-6.6	Negligible N	59.4	59.8	52.6	0.4	-6.8	Negligible N	Yes
707	64.4	66.9	52.3	2.5	-12.1	Negligible N	65.6	67.5	53.3	1.9	-12.3	Negligible N	Yes
708	66.5	69	52.1	2.5	-14.4	Negligible N	67.8	69.6	53.1	1.8	-14.7	Negligible N	Yes
709	61.2	63	51.2	1.8	-10	Negligible N	62.4	63.7	52.2	1.3	-10.2	Negligible N	Yes
710	63.1	65.2	51	2.1	-12.1	Negligible N	64.3	65.8	52	1.5	-12.3	Negligible N	Yes
711	60.3	60.9	51.4	0.6	-8.9	Negligible N	61.5	61.6	52.4	0.1	-9.1	Negligible N	Yes
712	58.9	56.2	53.2	-2.7	-5.7	Negligible P	59.9	57	54.2	-2.9	-5.7	Negligible P	Yes
713	58.9	56	53.5	-2.9	-5.4	Negligible P	59.9	56.9	54.5	-3	-5.4	Negligible P	Yes
714	59.9	55.9	54.3	-4	-5.6	Noticeable P	60.9	56.8	55.3	-4.1	-5.6	Noticeable P	Yes
715	60.4	56.4	55.3	-4	-5.1	Noticeable P	61.4	57.3	56.3	-4.1	-5.1	Noticeable P	Yes
716	58.1	56.4	55.8	-1.7	-2.3	Negligible P	59.1	57.4	56.9	-1.7	-2.2	Negligible P	Yes
717	64.5	59.2	59.1	-5.3	-5.4	-	65.5	60.2	60.1	-5.3	-5.4	-	Shed
718	66.6	59.1	59	-7.5	-7.6	Clearly Noticeable P	67.5	60.1	60.1	-7.4	-7.4	Clearly Noticeable P	Yes
719	60.4	58	57.6	-2.4	-2.8	Negligible P	61.4	59	58.6	-2.4	-2.8	Negligible P	Yes
720	61	58.4	58.2	-2.6	-2.8	Negligible P	62	59.4	59.2	-2.6	-2.8	Negligible P	Yes
721	61	58.3	58.1	-2.7	-2.9	Negligible P	62	59.3	59.1	-2.7	-2.9	Negligible P	Yes
723	58.1	55.6	55.4	-2.5	-2.7	Negligible P	59.1	56.6	56.4	-2.5	-2.7	Negligible P	Yes
724	62.6	58.9	58.8	-3.7	-3.8	Noticeable P	63.6	59.9	59.8	-3.7	-3.8	Noticeable P	Yes
725	70.7	62.8	58.8	-7.9	-11.9	Clearly Noticeable P	71.7	63.5	59.8	-8.2	-11.9	Clearly Noticeable P	Yes
726	50.6	59.1	59	8.5	8.4	Clearly Noticeable N	51.6	60	59.9	8.4	8.3	Clearly Noticeable N	Yes
727	49.9	57	56.9	7.1	7	Clearly Noticeable N	50.8	58	57.8	7.2	7	Clearly Noticeable N	Yes
728	49.3	54.9	54.8	5.6	5.5	Clearly Noticeable N	50.3	55.8	55.7	5.5	5.4	Noticeable N	Yes
729	49.1	54.1	54	5	4.9	Noticeable N	50	55	54.9	5	4.9	Noticeable N	Yes
730	49.2	53.5	53.4	4.3	4.2	Noticeable N	50.1	54.5	54.3	4.4	4.2	Noticeable N	Yes
731	49	53.2	53	4.2	4	Noticeable N	49.9	54.1	53.9	4.2	4	Noticeable N	Yes
732	47.7	51.9	51.7	4.2	4	Noticeable N	48.6	52.8	52.6	4.2	4	Noticeable N	Yes
733	47.4	51.7	51.5	4.3	4.1	Noticeable N	48.3	52.6	52.4	4.3	4.1	Noticeable N	Yes
734	48.4	56.8	56.8	8.4	8.4	Clearly Noticeable N	49.3	57.8	57.7	8.5	8.4	Clearly Noticeable N	Yes
736	47.6	53.5	53.4	5.9	5.8	Clearly Noticeable N	48.5	54.5	54.3	6	5.8	Clearly Noticeable N	Yes
737	48.1	54.2	54.1	6.1	6	Clearly Noticeable N	49	55.2	55	6.2	6	Clearly Noticeable N	Yes

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738	47.9	53.5	53.3	5.6	5.4	Clearly Noticeable N	48.9	54.4	54.3	5.5	5.4	Noticeable N	Yes
739	47.8	53.2	53	5.4	5.2	Noticeable N	48.7	54.1	54	5.4	5.3	Noticeable N	Yes
740	47.5	51.6	51.4	4.1	3.9	Noticeable N	48.4	52.5	52.3	4.1	3.9	Noticeable N	Yes
741	48.2	55.1	55	6.9	6.8	Clearly Noticeable N	49.1	56	55.9	6.9	6.8	Clearly Noticeable N	Yes
742	48.7	57.5	57.5	8.8	8.8	-	49.6	58.5	58.4	8.9	8.8	-	Shed
743	50.3	77.2	77.2	26.9	26.9	-	51.2	78.2	78.2	27	27	-	N/A
744	49.6	58.7	58.7	9.1	9.1	Clearly Noticeable N	50.5	59.7	59.7	9.2	9.2	Clearly Noticeable N	Yes
745	49.7	58.1	58	8.4	8.3	Clearly Noticeable N	50.7	59	58.9	8.3	8.2	Clearly Noticeable N	Yes
746	49.6	57.4	57.2	7.8	7.6	Clearly Noticeable N	50.6	58.3	58.2	7.7	7.6	Clearly Noticeable N	Yes
747	51.9	54.7	54.4	2.8	2.5	Negligible N	52.9	55.6	55.3	2.7	2.4	Negligible N	Yes
748	51.9	55.1	54.8	3.2	2.9	Negligible N	52.8	56	55.7	3.2	2.9	Negligible N	Yes
749	52.5	54.2	53.8	1.7	1.3	Negligible N	53.4	55.1	54.7	1.7	1.3	Negligible N	Yes
750	51.2	58	57.9	6.8	6.7	Clearly Noticeable N	52.1	59	58.9	6.9	6.8	Clearly Noticeable N	Yes
751	51.6	56.1	56	4.5	4.4	Noticeable N	52.5	57	56.9	4.5	4.4	Noticeable N	Yes
752	50	56.9	56.8	6.9	6.8	Clearly Noticeable N	50.8	57.8	57.8	7	7	Clearly Noticeable N	Yes
753	53.9	52.7	52.2	-1.2	-1.7	Negligible P	54.9	53.6	53.1	-1.3	-1.8	Negligible P	Yes
754	54	52.8	52.4	-1.2	-1.6	Negligible P	54.9	53.8	53.3	-1.1	-1.6	Negligible P	Yes
755	54.2	53.1	52.6	-1.1	-1.6	Negligible P	55.1	54	53.6	-1.1	-1.5	Negligible P	Yes
756	53.5	51.7	51.1	-1.8	-2.4	Negligible P	54.4	52.6	52	-1.8	-2.4	Negligible P	Yes
757	62.4	62.1	48.2	-0.3	-14.2	Negligible P	63.6	63.1	49.2	-0.5	-14.4	Negligible P	Yes
758	62.7	62	48.7	-0.7	-14	Negligible P	63.6	63	49.6	-0.6	-14	Negligible P	Yes
759	63.2	62.4	49	-0.8	-14.2	Negligible P	64.1	63.4	49.9	-0.7	-14.2	Negligible P	Yes
760	54.1	55.7	49.9	1.6	-4.2	Negligible N	55.3	56.7	50.8	1.4	-4.5	Negligible N	Yes
761	66.4	67.7	55.6	1.3	-10.8	Negligible N	67.5	68.7	56.6	1.2	-10.9	Negligible N	Yes
762	59.1	61.1	55	2	-4.1	Negligible N	60.1	62.1	55.9	2	-4.2	Negligible N	Yes
763	55.1	58.1	55.5	3	0.4	Negligible N	56.1	59.1	56.4	3	0.3	Negligible N	Yes
764	51.1	52.9	48.2	1.8	-2.9	Negligible N	51.9	53.8	49.1	1.9	-2.8	Negligible N	Yes
765	49.4	51.8	48.2	2.4	-1.2	Negligible N	50.3	52.8	49.1	2.5	-1.2	Negligible N	Yes
766	60.9	61.5	46.2	0.6	-14.7	Negligible N	61.8	62.4	47.1	0.6	-14.7	Negligible N	Yes
767	47.5	51.3	49	3.8	1.5	Noticeable N	48.2	52.3	50	4.1	1.8	Noticeable N	Yes
768	67.2	66.6	56.4	-0.6	-10.8	Negligible P	68.2	67.4	57.3	-0.8	-10.9	Negligible P	Yes
769	69.9	69.3	55.8	-0.6	-14.1	Negligible P	70.9	70.2	56.7	-0.7	-14.2	Negligible P	Yes
770	63.3	62.3	56.2	-1	-7.1	Negligible P	64.3	63.2	57.1	-1.1	-7.2	Negligible P	Yes
771	67.6	67.5	54.8	-0.1	-12.8	Negligible P	68.6	68.4	55.7	-0.2	-12.9	Negligible P	Yes
772	63.1	63.8	54.4	0.7	-8.7	Negligible N	64.1	64.7	55.3	0.6	-8.8	Negligible N	Yes
773	54.4	56.7	54.9	2.3	0.5	Negligible N	55.4	57.6	55.8	2.2	0.4	Negligible N	Yes
774	54.4	56.6	54.5	2.2	0.1	Negligible N	55.4	57.5	55.4	2.1	0	Negligible N	Yes
775	59.3	59.2	54.4	-0.1	-4.9	Negligible P	60.3	60.1	55.3	-0.2	-5	Negligible P	Yes
776	55	55.8	53	0.8	-2	Negligible N	56	56.7	53.9	0.7	-2.1	Negligible N	Yes
777	50.4	51.4	50.2	1	-0.2	Negligible N	51.4	52.3	51.1	0.9	-0.3	Negligible N	Yes
778	40.9	56.1	56	15.2	15.1	Substantial N	41.8	56.9	56.8	15.1	15	Substantial N	Yes
779	51.3	53.8	51.5	2.5	0.2	Negligible N	52.3	54.7	52.4	2.4	0.1	Negligible N	Yes
780	40.9	56.4	56.3	15.5	15.4	Very Substantial N	41.9	57.2	57.1	15.3	15.2	Substantial N	Yes
781	40.8	56.1	56	15.3	15.2	Substantial N	41.8	56.9	56.8	15.1	15	Substantial N	Yes
782	41.6	54.9	54.7	13.3	13.1	Substantial N	42.6	55.6	55.4	13	12.8	Substantial N	Yes
783	42.3	52.5	52.2	10.2	9.9	Clearly Noticeable N	43.3	53.3	52.9	10	9.6	Clearly Noticeable N	Yes
784	42.3	53.2	52.9	10.9	10.6	Substantial N	43.3	53.9	53.6	10.6	10.3	Substantial N	Yes
785	42.3	55.4	55.2	13.1	12.9	Substantial N	43.3	56.1	55.9	12.8	12.6	Substantial N	Yes
786	41.9	53.5	53.3	11.6	11.4	Substantial N	42.9	54.3	54	11.4	11.1	Substantial N	Yes

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
787	41.8	52.1	51.8	10.3	10	Clearly Noticeable N	42.8	52.9	52.6	10.1	9.8	Clearly Noticeable N	Yes
788	41.7	51.5	51.1	9.8	9.4	Clearly Noticeable N	42.8	52.3	51.9	9.5	9.1	Clearly Noticeable N	Yes
789	42.1	51.7	51.3	9.6	9.2	Clearly Noticeable N	43.1	52.4	52	9.3	8.9	Clearly Noticeable N	Yes
790	42	51.4	51	9.4	9	Clearly Noticeable N	43	52.2	51.8	9.2	8.8	Clearly Noticeable N	Yes
791	41.8	51.1	50.7	9.3	8.9	Clearly Noticeable N	42.8	51.9	51.5	9.1	8.7	Clearly Noticeable N	Yes
792	41.8	51	50.6	9.2	8.8	Clearly Noticeable N	42.8	51.8	51.4	9	8.6	Clearly Noticeable N	Yes
793	41.3	50.9	50.6	9.6	9.3	Clearly Noticeable N	42.3	51.7	51.4	9.4	9.1	Clearly Noticeable N	Yes
794	41.3	50.6	50.3	9.3	9	Clearly Noticeable N	42.3	51.4	51.1	9.1	8.8	Clearly Noticeable N	Yes
795	41.8	50.9	50.5	9.1	8.7	Clearly Noticeable N	42.8	51.7	51.2	8.9	8.4	Clearly Noticeable N	Yes
796	41.8	50.8	50.4	9	8.6	Clearly Noticeable N	42.8	51.6	51.1	8.8	8.3	Clearly Noticeable N	Yes
797	41.8	50.8	50.4	9	8.6	Clearly Noticeable N	42.9	51.6	51.1	8.7	8.2	Clearly Noticeable N	Yes
798	48	45.8	40	-2.2	-8	Negligible P	49	46.7	40	-2.3	-9	Negligible P	Yes
799	47.9	45.7	40	-2.2	-7.9	Negligible P	48.9	46.7	40	-2.2	-8.9	Negligible P	Yes
800	47.8	45.6	40	-2.2	-7.8	Negligible P	48.8	46.5	40	-2.3	-8.8	Negligible P	Yes
801	47.6	45.5	40	-2.1	-7.6	Negligible P	48.6	46.4	40	-2.2	-8.6	Negligible P	Yes
802	47.5	45.5	40	-2	-7.5	Negligible P	48.5	46.4	40	-2.1	-8.5	Negligible P	Yes
803	47.4	45.4	40	-2	-7.4	Negligible P	48.4	46.3	40	-2.1	-8.4	Negligible P	Yes
804	47.4	45.3	40	-2.1	-7.4	Negligible P	48.4	46.2	40	-2.2	-8.4	Negligible P	Yes
805	48.3	46	40	-2.3	-8.3	Negligible P	49.2	47	40	-2.2	-9.2	Negligible P	Yes
806	48.4	46.1	40	-2.3	-8.4	Negligible P	49.4	47	40	-2.4	-9.4	Negligible P	Yes
807	49.1	46.6	40	-2.5	-9.1	Negligible P	50.1	47.5	40	-2.6	-10.1	Negligible P	Yes
808	49.2	46.7	40	-2.5	-9.2	Negligible P	50.2	47.7	40	-2.5	-10.2	Negligible P	Yes
809	49.3	46.8	40	-2.5	-9.3	Negligible P	50.3	47.8	40	-2.5	-10.3	Negligible P	Yes
810	49.3	46.8	40	-2.5	-9.3	Negligible P	50.3	47.7	40	-2.6	-10.3	Negligible P	Yes
811	48.8	46.5	40	-2.3	-8.8	Negligible P	49.8	47.4	40	-2.4	-9.8	Negligible P	Yes
812	49.3	46.9	40	-2.4	-9.3	Negligible P	50.3	47.9	40	-2.4	-10.3	Negligible P	Yes
813	50	47.4	40	-2.6	-10	Negligible P	51	48.4	40	-2.6	-11	Negligible P	Yes
814	48.7	46.4	40	-2.3	-8.7	Negligible P	49.7	47.3	40	-2.4	-9.7	Negligible P	Yes
815	49.1	46.7	40	-2.4	-9.1	Negligible P	50.1	47.7	40	-2.4	-10.1	Negligible P	Yes
816	49.1	46.7	40	-2.4	-9.1	Negligible P	50.1	47.6	40	-2.5	-10.1	Negligible P	Yes
817	47.5	45.2	40	-2.3	-7.5	Negligible P	48.5	46.1	40	-2.4	-8.5	Negligible P	Yes
818	48	44.9	40	-3.1	-8	Negligible P	49	45.9	40	-3.1	-9	Negligible P	Yes
819	58.9	54	40	-4.9	-18.9	Noticeable P	59.9	55	40	-4.9	-19.9	Noticeable P	Yes
820	65.6	62.5	40	-3.1	-25.6	Negligible P	66.6	63.5	40	-3.1	-26.6	Negligible P	Yes
821	76.8	73.3	40	-3.5	-36.8	Noticeable P	77.9	74.3	40	-3.6	-37.9	Noticeable P	Yes
822	64.8	60.2	40	-4.6	-24.8	Noticeable P	65.8	61.2	40	-4.6	-25.8	Noticeable P	Yes
823	65.8	61.2	40	-4.6	-25.8	Noticeable P	66.8	62.2	40	-4.6	-26.8	Noticeable P	Yes
824	56.5	50.5	50.5	-6	-6	Clearly Noticeable P	57.1	51.5	51.5	-5.6	-5.6	Clearly Noticeable P	Yes
825	55.2	50.2	50.2	-5	-5	Noticeable P	55.9	51.2	51.2	-4.7	-4.7	Noticeable P	Yes
826	54.8	50.3	50.3	-4.5	-4.5	Noticeable P	55.4	51.3	51.3	-4.1	-4.1	Noticeable P	Yes
827	54.4	50.5	50.5	-3.9	-3.9	Noticeable P	55	51.5	51.5	-3.5	-3.5	Negligible P	Yes
828	54.6	50.8	50.8	-3.8	-3.8	Noticeable P	55.2	51.8	51.8	-3.4	-3.4	Negligible P	Yes
829	65	49.9	49.9	-15.1	-15.1	Substantial P	65.7	51	51	-14.7	-14.7	Substantial P	Yes
830	62.6	50.1	50.1	-12.5	-12.5	Substantial P	63.3	51.1	51.1	-12.2	-12.2	Substantial P	Yes
831	58.1	55	55	-3.1	-3.1	Negligible P	57	56.2	56.2	-0.8	-0.8	Negligible P	Yes
832	57.9	54.8	54.8	-3.1	-3.1	Negligible P	57	56	56	-1	-1	Negligible P	Yes
833	51.5	51.5	51.5	0	0	No Change	52.1	52.1	52.1	0	0	No Change	Yes
834	53.4	53.4	53.4	0	0	No Change	53.9	53.9	53.9	0	0	No Change	Yes
835	50.4	50.4	50.4	0	0	No Change	51	51	51	0	0	No Change	Yes

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	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
836	47.5	47.5	47.5	0	0	No Change	48.2	48.2	48.2	0	0	No Change	Yes
837	47.6	47.6	47.6	0	0	No Change	48.3	48.3	48.3	0	0	No Change	Yes
838	46.3	46.3	46.3	0	0	No Change	47.1	47.1	47.1	0	0	No Change	Yes
839	46.9	46.9	46.9	0	0	No Change	47.6	47.6	47.6	0	0	No Change	Yes
840	44.3	44.3	44.3	0	0	No Change	45.2	45.2	45.2	0	0	No Change	Yes
841	44.2	44.2	44.2	0	0	No Change	45.1	45.1	45.1	0	0	No Change	Yes
842	44.4	44.4	44.4	0	0	No Change	45.2	45.2	45.2	0	0	No Change	Yes
843	45.2	45.2	45.2	0	0	No Change	46.1	46.1	46.1	0	0	No Change	Yes
844	46.4	46.4	46.4	0	0	No Change	47.2	47.2	47.2	0	0	No Change	Yes
845	46.2	46.2	46.2	0	0	No Change	47	47	47	0	0	No Change	Yes
846	46	46	46	0	0	No Change	46.9	46.9	46.9	0	0	No Change	Yes
847	46	46	46	0	0	No Change	46.8	46.8	46.8	0	0	No Change	Yes
848	45.3	45.3	45.3	0	0	No Change	46.1	46.1	46.1	0	0	No Change	Yes
849	63	61.7	61.3	-1.3	-1.7	Negligible P	63.9	62.6	62.2	-1.3	-1.7	Negligible P	Yes
850	62.9	61.8	61.4	-1.1	-1.5	Negligible P	63.8	62.7	62.3	-1.1	-1.5	Negligible P	Yes
851	60.2	59.8	59.2	-0.4	-1	Negligible P	61.1	60.7	60.1	-0.4	-1	Negligible P	Yes
852	61.9	61	60.5	-0.9	-1.4	Negligible P	62.8	61.9	61.4	-0.9	-1.4	Negligible P	Yes
853	62.3	61.4	60.9	-0.9	-1.4	Negligible P	63.2	62.3	61.8	-0.9	-1.4	Negligible P	Yes
854	62.3	61.3	60.7	-1	-1.6	Negligible P	63.2	62.2	61.6	-1	-1.6	Negligible P	Yes
856	65.6	64.2	63.8	-1.4	-1.8	Negligible P	66.5	65.1	64.7	-1.4	-1.8	Negligible P	Yes
857	60	61.2	40	1.2	-20	Negligible N	60.9	62.1	40	1.2	-20.9	Negligible N	Yes
858	54.2	53.3	41.1	-0.9	-13.1	Negligible P	55.2	54.2	41.9	-1	-13.3	Negligible P	Yes
859	44.5	51.4	50.7	6.9	6.2	Clearly Noticeable N	45.5	52.3	51.5	6.8	6	Clearly Noticeable N	Yes
860	45	47.4	45.7	2.4	0.7	Negligible N	46	48.3	46.6	2.3	0.6	Negligible N	Yes
861	50	46.4	40	-3.6	-10	Noticeable P	51	47.3	40	-3.7	-11	Noticeable P	Yes
862	40.4	46.6	46	6.2	5.6	Clearly Noticeable N	41.4	47.6	46.9	6.2	5.5	Clearly Noticeable N	Yes
863	74.9	69.4	40	-5.5	-34.9	Clearly Noticeable P	75.8	70.1	40	-5.7	-35.8	Clearly Noticeable P	Yes
864	50.2	48.1	47	-2.1	-3.2	Negligible P	51.2	49.2	48	-2	-3.2	Negligible P	Yes
865	51.1	55.5	55.5	4.4	4.4	Noticeable N	52.4	57	57	4.6	4.6	Noticeable N	Yes
866	47.1	51.4	51.2	4.3	4.1	Noticeable N	48.2	52.4	52.4	4.2	4.2	Noticeable N	Yes
867	46.3	49.3	49	3	2.7	Negligible N	47.2	50.3	50	3.1	2.8	Negligible N	Yes
868	50.4	55.2	55	4.8	4.6	Noticeable N	51.4	56.3	56	4.9	4.6	Noticeable N	Yes
869	67.8	67.5	51.8	-0.3	-16	Negligible P	68.5	68.1	52.8	-0.4	-15.7	Negligible P	Yes
870	66.4	64.6	50.4	-1.8	-16	Negligible P	67.2	65.3	51.5	-1.9	-15.7	Negligible P	Yes
871	60.3	59.7	52.2	-0.6	-8.1	Negligible P	61.1	60.4	53.2	-0.7	-7.9	Negligible P	Yes
872	62.7	61.4	51.4	-1.3	-11.3	Negligible P	63.5	62.1	52.5	-1.4	-11	Negligible P	Yes
873	46.4	46.5	42.2	0.1	-4.2	Negligible N	47.4	47.4	43.3	0	-4.1	No Change	Yes
874	46.9	46.4	40	-0.5	-6.9	Negligible P	47.9	47.3	40.7	-0.6	-7.2	Negligible P	Yes
875	40	58.2	58.2	18.2	18.2	Very Substantial N	40	59.2	59.2	19.2	19.2	Very Substantial N	Yes
876	40	53.9	53.9	13.9	13.9	Substantial N	40	55	55	15	15	Substantial N	Yes
877	60.8	57.8	57.6	-3	-3.2	Negligible P	61.8	58.8	58.6	-3	-3.2	Negligible P	Yes
878	42.7	57.7	57.6	15	14.9	Substantial N	43.7	58.7	58.7	15	15	Substantial N	Yes
879	42.3	58.6	58.5	16.3	16.2	Very Substantial N	43.3	59.6	59.6	16.3	16.3	Very Substantial N	Yes
880	42.5	57.4	57.4	14.9	14.9	Substantial N	43.5	58.5	58.4	15	14.9	Substantial N	Yes
881	47.9	48.3	44.8	0.4	-3.1	Negligible N	48.9	49.1	45.4	0.2	-3.5	Negligible N	Yes
882	48.4	48.4	44.5	0	-3.9	No Change	49.4	49.2	45.1	-0.2	-4.3	Negligible P	Yes
883	48.3	48.8	45.5	0.5	-2.8	Negligible N	49.3	49.6	46.1	0.3	-3.2	Negligible N	Yes
884	49.1	48.3	43.2	-0.8	-5.9	Negligible P	50.1	49.2	43.8	-0.9	-6.3	Negligible P	Yes
885	47.7	49.8	47.7	2.1	0	Negligible N	48.7	50.5	48.3	1.8	-0.4	Negligible N	Yes

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886	63.8	62.5	62.3	-1.3	-1.5	Negligible P	64.6	63.4	63.2	-1.2	-1.4	Negligible P	Yes
887	56.3	54.4	54	-1.9	-2.3	Negligible P	57.1	55.3	54.9	-1.8	-2.2	Negligible P	Yes
888	56.7	54.2	53.7	-2.5	-3	Negligible P	57.6	55.1	54.6	-2.5	-3	Negligible P	Yes
889	57.4	54	53.2	-3.4	-4.2	Noticeable P	58.3	54.8	54.1	-3.5	-4.2	Noticeable P	Yes
890	54.9	54.1	53.8	-0.8	-1.1	Negligible P	55.8	55.1	54.8	-0.7	-1	Negligible P	Yes
891	57.2	53.3	52.5	-3.9	-4.7	Noticeable P	58.2	54.2	53.4	-4	-4.8	Noticeable P	Yes
892	54.4	53.4	53	-1	-1.4	Negligible P	55.3	54.4	54	-0.9	-1.3	Negligible P	Yes
893	61.2	55.6	55.6	-5.6	-5.6	Clearly Noticeable P	62	56.5	56.5	-5.5	-5.5	Noticeable P	Yes
894	61.7	56.3	56.3	-5.4	-5.4	Noticeable P	62.5	57.3	57.2	-5.2	-5.3	Noticeable P	Yes
895	61.9	56.7	56.7	-5.2	-5.2	Noticeable P	62.8	57.7	57.7	-5.1	-5.1	Noticeable P	Yes
896	63	58.3	58.3	-4.7	-4.7	Noticeable P	63.8	59.2	59.2	-4.6	-4.6	Noticeable P	Yes
897	62.6	58.1	58.1	-4.5	-4.5	Noticeable P	63.4	59	59	-4.4	-4.4	Noticeable P	Yes
898	62.6	58	58	-4.6	-4.6	Noticeable P	63.4	59	59	-4.4	-4.4	Noticeable P	Yes
899	62.6	58.1	58	-4.5	-4.6	Noticeable P	63.5	59	59	-4.5	-4.5	Noticeable P	Yes
900	61.8	57.1	57.1	-4.7	-4.7	Noticeable P	62.7	58.1	58.1	-4.6	-4.6	Noticeable P	Yes
901	65.2	60.2	60.2	-5	-5	Noticeable P	66.1	61	61	-5.1	-5.1	Noticeable P	Yes
902	61.4	58.9	58	-2.5	-3.4	Negligible P	62.4	60.2	59	-2.2	-3.4	Negligible P	Yes
903	53.7	58.4	58	4.7	4.3	Noticeable N	54.6	59.4	59	4.8	4.4	Noticeable N	Yes
904	61.7	61	60.9	-0.7	-0.8	Negligible P	62.4	61.8	61.7	-0.6	-0.7	Negligible P	Yes
905	59.2	57.3	57.3	-1.9	-1.9	Negligible P	59.9	58.2	58.2	-1.7	-1.7	Negligible P	Yes
906	55.7	56.5	56.3	0.8	0.6	Negligible N	56.5	57.4	57.2	0.9	0.7	Noticeable N	Yes
907	46.9	58.9	58.7	12	11.8	Substantial N	47.7	59.9	59.7	12.2	12	Substantial N	Yes
908	49.4	56.1	55.9	6.7	6.5	Clearly Noticeable N	50.3	57.1	56.9	6.8	6.6	Clearly Noticeable N	Yes
909	74.1	69.2	54.4	-4.9	-19.7	Noticeable P	75	69.9	55.8	-5.1	-19.2	Noticeable P	Yes
910	72	67.8	52.5	-4.2	-19.5	Noticeable P	72.9	68.5	53.9	-4.4	-19	Noticeable P	Yes
911	70	65.8	51.7	-4.2	-18.3	Noticeable P	70.9	66.5	53.1	-4.4	-17.8	Noticeable P	Yes
912	71	66.9	51.1	-4.1	-19.9	Noticeable P	72	67.6	52.5	-4.4	-19.5	Noticeable P	Yes
913	60.8	58.4	58.4	-2.4	-2.4	Negligible P	61.8	59.4	59.4	-2.4	-2.4	Negligible P	Yes
914	60.4	58.3	58.1	-2.1	-2.3	Negligible P	61.4	59.2	59.2	-2.2	-2.2	Negligible P	Yes
915	54.7	52.9	51	-1.8	-3.7	Negligible P	55.7	52.7	52.7	-3	-3	Negligible P	Yes
916	52.6	49.2	47	-3.4	-5.6	Negligible P	51.3	48.4	48.4	-2.9	-2.9	Negligible P	Yes
917	66.5	49.7	49.7	-16.8	-16.8	Very Substantial P	67.3	50.7	50.7	-16.6	-16.6	Very Substantial P	Yes
918	60.3	49.9	49.9	-10.4	-10.4	Clearly Noticeable P	61	50.9	50.9	-10.1	-10.1	Clearly Noticeable P	Yes
919	61.5	50	50	-11.5	-11.5	Substantial P	62.2	51.1	51.1	-11.1	-11.1	Substantial P	Yes
920	61.5	50.1	50.1	-11.4	-11.4	Substantial P	62.2	51.1	51.1	-11.1	-11.1	Substantial P	Yes
921	60.5	49.7	49.7	-10.8	-10.8	Substantial P	61.2	50.7	50.7	-10.5	-10.5	Clearly Noticeable P	Yes
922	63.4	49.3	49.3	-14.1	-14.1	Substantial P	64.2	50.3	50.3	-13.9	-13.9	Substantial P	Yes
923	64.9	49.1	49.1	-15.8	-15.8	Very Substantial P	65.7	50.1	50.1	-15.6	-15.6	Very Substantial P	Yes
924	64	48.9	48.9	-15.1	-15.1	Substantial P	64.7	49.9	49.9	-14.8	-14.8	Substantial P	Yes
925	62.1	48.6	48.6	-13.5	-13.5	Substantial P	62.8	49.6	49.6	-13.2	-13.2	Substantial P	Yes
926	59.3	48.8	48.8	-10.5	-10.5	Substantial P	60	49.8	49.8	-10.2	-10.2	Clearly Noticeable P	Yes
927	60	48.7	48.7	-11.3	-11.3	Substantial P	60.6	49.7	49.7	-10.9	-10.9	Substantial P	Yes
928	60.1	48.6	48.6	-11.5	-11.5	Substantial P	60.8	49.7	49.7	-11.1	-11.1	Substantial P	Yes
929	60.7	48.5	48.5	-12.2	-12.2	Substantial P	61.3	49.6	49.6	-11.7	-11.7	Substantial P	Yes
930	63	48.4	48.4	-14.6	-14.6	Substantial P	63.7	49.4	49.4	-14.3	-14.3	Substantial P	Yes
931	59.3	49.5	49.5	-9.8	-9.8	Clearly Noticeable P	59.9	50.6	50.6	-9.3	-9.3	Clearly Noticeable P	Yes
932	58.1	48.7	48.7	-9.4	-9.4	Clearly Noticeable P	58.7	49.8	49.8	-8.9	-8.9	Clearly Noticeable P	Yes
933	57.6	49	49	-8.6	-8.6	Clearly Noticeable P	58.2	50	50	-8.2	-8.2	Clearly Noticeable P	Yes
934	57.3	49	49	-8.3	-8.3	Clearly Noticeable P	57.9	50.1	50.1	-7.8	-7.8	Clearly Noticeable P	Yes
935	55.9	49.4	49.4	-6.5	-6.5	Clearly Noticeable P	56.5	50.4	50.4	-6.1	-6.1	Clearly Noticeable P	Yes

Receptor Number	Year of Opening 2015						Design Year 2030						NRA Design Goal Achieved / Negligible Negative Impact
	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	Do Nothing - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels (Lden dBA)	Do Something - Modelled Noise Levels - Scheme Only (Lden dBA)	Difference between Do Nothing & Do Something (dBA)	Difference between Do Nothing & Do Something Scheme Only (dBA)	Subjective Response	
936	65.8	66.7	53.4	0.9	-12.4	Negligible N	66.6	67.6	54.4	1	-12.2	Negligible N	Yes
937	57.7	58.9	53.5	1.2	-4.2	Negligible N	58.5	59.8	54.6	1.3	-3.9	Negligible N	Yes
938	64.2	64.8	52.3	0.6	-11.9	Negligible N	65	65.7	53.3	0.7	-11.7	Negligible N	Yes
939	69.3	68.6	49.1	-0.7	-20.2	Negligible P	70.1	69.6	50.2	-0.5	-19.9	Negligible P	Yes
940	65.3	65.9	43.7	0.6	-21.6	Negligible N	66.2	66.8	44.7	0.6	-21.5	Negligible N	Yes
941	67.4	66.9	46.8	-0.5	-20.6	Negligible P	68.3	67.8	47.9	-0.5	-20.4	Negligible P	Yes
942	68.1	68.2	43	0.1	-25.1	Negligible N	68.9	69.2	44	0.3	-24.9	Negligible N	Yes
943	63.2	63.8	42.6	0.6	-20.6	Negligible N	64	64.7	43.6	0.7	-20.4	Negligible N	Yes
944	66.2	66.8	42.5	0.6	-23.7	Negligible N	67.1	67.8	43.5	0.7	-23.6	Negligible N	Yes
945	67.2	67.4	41.9	0.2	-25.3	Negligible N	68	68.3	43	0.3	-25	Negligible N	Yes
946	65.8	66	42	0.2	-23.8	Negligible N	66.7	67	43.1	0.3	-23.6	Negligible N	Yes
947	70.4	61.6	40	-8.8	-30.4	Clearly Noticeable P	71.4	62.4	40.7	-9	-30.7	Clearly Noticeable P	Yes
948	65.8	66.4	51.6	0.6	-14.2	Negligible N	66.6	67.4	52.7	0.8	-13.9	Negligible N	Yes

## Appendix 4.16.1 Final Schedule of Architectural Heritage for the Proposed Road Development

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## APPENDIX 4.16.1 - FINAL SCHEDULE OF ARCHITECTURAL HERITAGE FOR THE PROPOSED ROAD

### DEVELOPMENT

The following amendments are necessary to Appendix 16.1 of Volume 4b arising from correspondence received from An Bord Pleanála (ABP) dated 23rd December, 2010:

- a) The following table is added to Page A.16.1.2 under the heading 'Sites and Structures Subject to Significant Negative Impacts':

**TABLE 16.1.1.4 Structure 6 of 6**

Ref. No.	CSS 2593
Map/ Photograph Ref. No.	Fig 15.011; Site 34
Location Coordinates	Easting 155735; Northing 109150
Townland	Lackfrancis
County	Cork
Site Type	Covered Well
Site Name	None
Description	Raised rectangular cut-stone platform surrounded by a cut-stone parapet with convex coping stones
Approximate Date	1900
Statutory Protection	None
Importance	Local
Key Constraint	No
Distance from Centre Line	52 m from centre line of Doneraile Road (R-522-218)
Type of Impact	Direct
Quality of Impact	Negative
Nature of Impact	Demolition
Extent of Impact	Structure will be removed
Magnitude of Impact	Very high
Significance of Impact	Significant
Mitigation Measures	Level 2 survey of the well cover and parapet will be conducted prior to the construction phase. The stones of the cover and parapet will be numbered and the structure dismantled prior to the construction phase. The stones will be stored for re-use. The well cover and parapet will be re-erected adjacent to the realigned Doneraile Road (R-522-218) as close to the original location as is practicable, using the retained stones and a suitable lime pointing mix.
Magnitude with Mitigation	Low
Significance with Mitigation	Imperceptible negative

- b) The following table is removed from Page A.16.1.10 under the heading 'Sites and Structures Subject to Imperceptible Negative Impacts':

**TABLE 16.1.4.16 Structure 16 of 25**

Ref. No.	CSS 2593
Map/ Photograph Ref. No.	Fig 15.011; Site 34
Location Coordinates	Easting 155735; Northing 109150
Townland	Lackfrancis
County	Cork
Site Type	Covered Well
Site Name	None
Description	Raised rectangular cut-stone platform surrounded by a cut-stone parapet with convex coping stones
Approximate Date	1900
Statutory Protection	None
Importance	Local
Key Constraint	No
Distance from Centre Line	52 m from centre line of Doneraile Road
Type of Impact	Potential Direct
Quality of Impact	Negative
Nature of Impact	Potential construction disturbance
Extent of Impact	Potential structural damage to well cover and parapet wall during construction
Magnitude of Impact	Low
Significance of Impact	Imperceptible
Mitigation Measures	Precautionary measures will be put in place to ensure the structure is not damaged by construction related works
Magnitude with Mitigation	Neutral
Significance with Mitigation	No impact

## Appendix 4.16.2 Sites, Features and Structures of Architectural Heritage Merit within the Study Area

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**APPENDIX 4.16.2 - SITES, FEATURES AND STRUCTURES OF ARCHITECTURAL HERITAGE MERIT WITHIN THE STUDY AREA**

The following amendments are necessary to Appendix 16.2 of Volume 4b arising from correspondence received from An Bord Pleanála (ABP) dated 23rd December, 2010:

- a) A photograph of Site 34 (CSS 2593 – Covered Well) is added to Table 16.2.1 (Sites, Features and Structures Subject to Significant Negative Impacts), Page A.16.2.2.
- b) The photograph of Site 34 (CSS 2593 – Covered Well) is removed from Table 16.2.4 (Sites, Features and Structures Subject to Imperceptible Negative Impacts), Page A.16.2.10.



**Site 34: CSS 2593 – Covered Well, Lackfrancis, Co. Cork**

## Appendix 4.17.1 Summary of Individual Farm Assessments

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### Appendix 4.17.1 - Summary Table of Individual Farm Assessments

The following amendments are required to the text of Appendix 17.1 of Volume 4b for Motorway Order Numbers 416, 417, 418, 419, 420, 422 and 597 arising from correspondence received from An Bord Pleanála (ABP) dated 23rd December, 2010.

1. The text for MO 416 in Appendix 17.1, Volume 4b is as follows;

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 - 17.51 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
416	21,22	24.3	Beef	1.1	4.3	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight

This is replaced by the following text;

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 – 17.021, 17.023 – 17.041 and 17.043 – 17.050 in Volume 3b, 3.17.022 and 3.17.042 in Volume 5 Section 3 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
416	21,22	24.3	Beef	1.29	5.3	No	0	Medium	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate

2. The text for MO 417 in Appendix 17.1, Volume 4b is as follows;

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 - 17.51 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
417	21,22	23.5	Mixed grazing and tillage	3.4	14.5	Yes	53	Medium	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Separated/affected land to be accessed via accommodation road	High	Significant

This replaced by the following text:

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 – 17.021, 17.023 – 17.041 and 17.043 – 17.050 in Volume 3b, 3.17.022 and 3.17.042 in Volume 5 Section 3 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
417	21,22	23.5	Mixed grazing and tillage	3.6	15.33	Yes	53	Medium	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Separated/affected land to be accessed via accommodation road	High	Significant

3. The text for MO 418 in Appendix 17.1, Volume 4b is as follows;

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 - 17.51 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
418	22	26.7	Beef (beef & tillage)	1.0	3.9	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight

This replaced by the following text;

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 – 17.021, 17.023 – 17.041 and 17.043 – 17.050 in Volume 3b, 3.17.022 and 3.17.042 in Volume 5 Section 3 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
418	22	26.7	Beef (beef & tillage)	1.6	6.0	No	0	Medium	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate

4. The text for MO 419 in Appendix 17.1, Volume 4b is as follows;

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 - 17.51 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
419	22	79.4	Tillage	3.1	4.0	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight

This replaced by the following text

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 – 17.021, 17.023 – 17.041 and 17.043 – 17.050 in Volume 3b, 3.17.022 and 3.17.042 in Volume 5 Section 3 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
419	22	79.4	Tillage	5.1	6.4	No	0	Medium	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate

5. The text for MO 420 in Appendix 17.1, Volume 4b is as follows;

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 - 17.51 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
420	21,22	47.1	Dairy (dairy outfarm)	2.9	6.2	Yes	1	Medium	Medium impact from land loss & severance	Moderate	Notes 4 & 5 & Maintain access to separated/affected land	Medium	Moderate

This replaced by the following text

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 – 17.021, 17.023 – 17.041 and 17.043 – 17.050 in Volume 3b, 3.17.022 and 3.17.042 in Volume 5 Section 3 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
420	21,22	47.1	Dairy (dairy outfarm)	5.9	12.4	No	0	Medium	High impact from land loss	Significant	Notes 4 & 5 & Maintain access to separated dwelling	High	Significant

6. The text for MO 422 in Appendix 17.1, Volume 4b is as follows;

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 - 17.51 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
422	22,23	30.7	Dairy	1.1	3.6	No	0	High	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight

This replaced by the following text

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 – 17.021, 17.023 – 17.041 and 17.043 – 17.050 in Volume 3b, 3.17.022 and 3.17.042 in Volume 5 Section 3 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
422	22,23	30.7	Dairy	1.24	4.0	No	0	High	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight

7. The text for MO 597 in Appendix 17.1, Volume 4b is as follows;

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 - 17.51 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
597	42	18.9	Dairy	1.9	10.3	Yes	24	High	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Provide access to separated land via gates on slip roads and existing public road.	High	Significant

This replaced by the following text

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 – 17.021, 17.023 – 17.041 and 17.043 – 17.050 in Volume 3b, 3.17.022 and 3.17.042 in Volume 5 Section 3 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
597	42	18.9	Dairy	1.9	10.3	Yes	24	High	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Provide access to separated land via underpass.	Medium	Moderate