Legend

- Proposed Scheme (as per Draft Orders)

SUDS (e.g. Basin or Pond)*

Calculation Area

Health & Education Buildings

Sample Receptor

Do Minimum Baseline Year Vs Do Something Baseline Year (L₁₀₀,s Free-field) First Floor

<table>
<thead>
<tr>
<th>Noise Level Difference</th>
<th>Contour Map (First Floor)</th>
</tr>
</thead>
<tbody>
<tr>
<td>x ≥ 10 dB</td>
<td></td>
</tr>
<tr>
<td>5 ≤ x &lt; 10 dB</td>
<td></td>
</tr>
<tr>
<td>3 ≤ x &lt; 5 dB</td>
<td></td>
</tr>
<tr>
<td>1 ≤ x &lt; 3 dB</td>
<td></td>
</tr>
<tr>
<td>0 ≤ x &lt; 1 dB</td>
<td></td>
</tr>
<tr>
<td>x = 0 dB</td>
<td></td>
</tr>
<tr>
<td>-1 &lt; x &lt; 0 dB</td>
<td></td>
</tr>
<tr>
<td>-3 &lt; x ≤ -1 dB</td>
<td></td>
</tr>
<tr>
<td>-5 &lt; x ≤ -3 dB</td>
<td></td>
</tr>
<tr>
<td>-10 &lt; x ≤ -5 dB</td>
<td></td>
</tr>
<tr>
<td>x ≤ -10 dB</td>
<td></td>
</tr>
</tbody>
</table>

* Actual shape of pond/basin will be subject to detailed design.
Figure 8.6b
Environmental Statement
Noise Level Difference Contour Map (First Floor)
Do-Min. Baseline Year Vs Do-Something Baseline Year

Legend
- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receiver
- Do Minimum Baseline Year Vs Do-Something Baseline Year (L10,18hr, Free-field) First Floor

* Actual shape of pond/basin will be subject to detailed design

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Figure 8.6d
Environmental Statement
Noise Level Difference Contour Map (First Floor)
Do-Min. Baseline Year Vs Do-Something Baseline Year

Legend
- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receptor
- Do Minimum Baseline Year Vs Do Something Baseline Year (L10,18hr, Free-field) First Floor
  - $x \geq 10$ dB
  - $5 \leq x < 10$ dB
  - $3 \leq x < 5$ dB
  - $1 \leq x < 3$ dB
  - $0 \leq x < 1$ dB
  - $x = 0$ dB
  - $-1 < x \leq 0$ dB
  - $-3 < x \leq -1$ dB
  - $-5 < x \leq -3$ dB
  - $-10 < x \leq -5$ dB

* Actual shape of pond/basin will be subject to detailed design.
Figure 8.6e
Environmental Statement
Noise Level Difference Contour Map (First Floor)
Do-Min. Baseline Year Vs Do-Something Baseline Year

Legend
- Proposed Scheme (as per Draft Orders)*
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receptor

Do Minimum Baseline Year Vs Do Something Baseline Year (L10,18hr, Free-field) First Floor

- x ≥ 10 dB
- 5 ≤ x < 10 dB
- 3 ≤ x < 5 dB
- 1 ≤ x < 3 dB
- 0 ≤ x < 1 dB
- x = 0 dB
- -1 < x ≤ 0 dB
- -3 < x ≤ -1 dB
- -5 < x ≤ -3 dB
- -10 < x ≤ -5 dB
- x ≤ -10 dB

* Actual shape of pond/basin will be subject to detailed design.

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Figure 8.6f
Environmental Statement
Noise Level Difference Contour Map (First Floor)
Do Minimum Baseline Year Vs Do Something Baseline Year

Legend
- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receptor

Do Minimum Baseline Year Vs Do Something Baseline Year (L_{A10,18hr Free-field}) First Floor
- x ≥ 10 dB
- 5 ≤ x < 10 dB
- 3 ≤ x < 5 dB
- 1 ≤ x < 3 dB
- 0 ≤ x < 1 dB
- x = 0 dB
- -1 ≤ x < 0 dB
- -3 ≤ x < -1 dB
- -5 ≤ x < -3 dB
- -10 ≤ x < -5 dB
- x ≤ -10 dB

* Actual shape of pond/basin will be subject to detailed design.
Figure 8.6h
Environmental Statement
Noise Level Difference Contour Map (First Floor)
Do-Min. Baseline Year Vs Do-Something Baseline Year

Legend
- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receptor

Do Minimum Baseline Year Vs Do Something Baseline Year (L10,18hr Fre-field) First Floor
- x ≥ 10 dB
- 5 ≤ x < 10 dB
- 3 ≤ x < 5 dB
- 1 ≤ x < 3 dB
- 0 ≤ x < 1 dB
- x = 0 dB
- -1 < x ≤ 0 dB
- -3 < x ≤ -1 dB
- -5 < x ≤ -3 dB
- -10 < x ≤ -5 dB
- x ≤ -10 dB

* Actual shape of pond/basin will be subject to detailed design

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Figure 8.6i
Environmental Statement
Noise Level Difference Contour Map (First Floor)
Do-Min. Baseline Year Vs Do-Something Baseline Year

Legend
- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receptor

Do Minimum Baseline Year Vs Do Something Baseline Year (L,10,18hr, Free-field) First Floor
- x ≥ 10 dB
- 5 ≤ x < 10 dB
- 3 ≤ x < 5 dB
- 1 ≤ x < 3 dB
- 0 ≤ x < 1 dB
- x = 0 dB
- -1 ≤ x < 0 dB
- -3 ≤ x < -1 dB
- -6 ≤ x < -3 dB
- -10 ≤ x ≤ -6 dB
- x < -10 dB

* Actual shape of pond/basin will be subject to detailed design.
Environmental Statement

Noise Level Difference Contour Map (First Floor)
Do-Min. Baseline Year Vs Do-Something Baseline Year

Legend
- Proposed Scheme (as per Draft Orders)*
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receptor

- Do Minimum Baseline Year Vs Do Something Baseline Year (L10,L90, Free-
  field) First Floor

x ≥ 10 dB
5 ≤ x < 10 dB
3 ≤ x < 5 dB
1 ≤ x < 3 dB
0 ≤ x < 1 dB
x = 0 dB
-1 < x ≤ 0 dB
-3 ≤ x < -1 dB
-6 ≤ x < -3 dB
-10 ≤ x < -6 dB
x ≤ -10 dB

Actual shape of pond/basin will be subject to detailed design.
Figure 8.61
Environmental Statement
Noise Level/Difference Contour Map (First Floor)
Do-Min. Baseline Year Vs Do-Something Baseline Year (L_{10,18hr, Free-field}) First Floor

Legend
- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond) *
- Calculation Area
- Health & Education Buildings
- Sample Receptor

Do Minimum Baseline Year Vs Do Something Baseline Year (L_{10,18hr, Free-field}) First Floor

- x ≥ 10 dB
- 5 ≤ x < 10 dB
- 3 ≤ x < 5 dB
- 1 ≤ x < 3 dB
- 0 ≤ x < 1 dB
- x = 0 dB
- -1 ≤ x < 0 dB
- -3 ≤ x < -1 dB
- -6 ≤ x < -3 dB
- -10 ≤ x ≤ -6 dB
- x ≤ -10 dB

* Actual shape of pond/basin will be subject to detailed design.
Figure 8.60
Environmental Statement
Noise Level Difference Contour Map (First Floor)
Do-Minimum Baseline Year Vs Do-Something Baseline Year

Legend
- Proposed Scheme (as per Draft Orders)*
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receptor

Do Minimum Baseline Year Vs Do Something Baseline Year (L_10,18hr, Free-field) First Floor
- x ≥ 10 dB
- 5 ≤ x < 10 dB
- 3 ≤ x < 5 dB
- 1 ≤ x < 3 dB
- 0 ≤ x < 1 dB
- x = 0 dB
- -1 ≤ x < 0 dB
- -3 ≤ x < -1 dB
- -5 ≤ x < -3 dB
- -10 ≤ x ≤ -5 dB
- x ≤ -10 dB

* Actual shape of pond/basin will be subject to detailed design
Figure 8.6p
Environmental Statement
Noise Level Difference Contour Map (First Floor)
Do Minimum Baseline Year Vs Do Something Baseline Year (LQA10, Free-field) First Floor

Legend
- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)*
- Health & Education Buildings
- Sample Receptor
- Do Minimum Baseline Year Vs Do Something Baseline Year (LQA10, Free-field) First Floor

- x > 10 dB
- 5 ≤ x < 10 dB
- 3 ≤ x < 5 dB
- 1 ≤ x < 3 dB
- 0 ≤ x < 1 dB
- x = 0 dB
- -1 ≤ x < 0 dB
- -3 ≤ x < -1 dB
- -5 ≤ x < -3 dB
- -10 ≤ x ≤ -5 dB
- x ≤ -10 dB

* Actual shape of pond/basin will be subject to detailed design