

| Odyssey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| <p><u>Summary of Results for 10 year Return Period (+40%)</u></p> <p>Half Drain Time : 1317 minutes.</p> <table><thead><tr><th>Storm Event</th><th>Max Level (m)</th><th>Max Depth (m)</th><th>Max Infiltration (l/s)</th><th>Max Volume (m³)</th><th>Status</th></tr></thead><tbody><tr><td>15 min Summer</td><td>0.155</td><td>0.155</td><td>0.2</td><td>14.1</td><td>O K</td></tr><tr><td>30 min Summer</td><td>0.181</td><td>0.181</td><td>0.2</td><td>19.0</td><td>O K</td></tr><tr><td>60 min Summer</td><td>0.206</td><td>0.206</td><td>0.3</td><td>24.1</td><td>Flood Risk</td></tr><tr><td>120 min Summer</td><td>0.230</td><td>0.230</td><td>0.3</td><td>29.8</td><td>Flood Risk</td></tr><tr><td>180 min Summer</td><td>0.243</td><td>0.243</td><td>0.3</td><td>33.0</td><td>Flood Risk</td></tr><tr><td>240 min Summer</td><td>0.251</td><td>0.251</td><td>0.3</td><td>35.0</td><td>Flood Risk</td></tr><tr><td>360 min Summer</td><td>0.260</td><td>0.260</td><td>0.3</td><td>37.3</td><td>Flood Risk</td></tr><tr><td>480 min Summer</td><td>0.264</td><td>0.264</td><td>0.3</td><td>38.4</td><td>Flood Risk</td></tr><tr><td>600 min Summer</td><td>0.265</td><td>0.265</td><td>0.3</td><td>38.8</td><td>Flood Risk</td></tr><tr><td>720 min Summer</td><td>0.266</td><td>0.266</td><td>0.3</td><td>39.0</td><td>Flood Risk</td></tr><tr><td>960 min Summer</td><td>0.265</td><td>0.265</td><td>0.3</td><td>38.6</td><td>Flood Risk</td></tr><tr><td>1440 min Summer</td><td>0.262</td><td>0.262</td><td>0.3</td><td>37.9</td><td>Flood Risk</td></tr><tr><td>2160 min Summer</td><td>0.259</td><td>0.259</td><td>0.3</td><td>37.0</td><td>Flood Risk</td></tr><tr><td>2880 min Summer</td><td>0.255</td><td>0.255</td><td>0.3</td><td>36.2</td><td>Flood Risk</td></tr><tr><td>4320 min Summer</td><td>0.250</td><td>0.250</td><td>0.3</td><td>34.9</td><td>Flood Risk</td></tr><tr><td>5760 min Summer</td><td>0.246</td><td>0.246</td><td>0.3</td><td>33.9</td><td>Flood Risk</td></tr><tr><td>7200 min Summer</td><td>0.244</td><td>0.244</td><td>0.3</td><td>33.2</td><td>Flood Risk</td></tr><tr><td>8640 min Summer</td><td>0.242</td><td>0.242</td><td>0.3</td><td>32.7</td><td>Flood Risk</td></tr><tr><td>10080 min Summer</td><td>0.240</td><td>0.240</td><td>0.3</td><td>32.4</td><td>Flood Risk</td></tr><tr><td>15 min Winter</td><td>0.165</td><td>0.165</td><td>0.2</td><td>16.0</td><td>O K</td></tr></tbody></table><br><table><thead><tr><th>Storm Event</th><th>Rain (mm/hr)</th><th>Flooded Volume (m³)</th><th>Time-Peak (mins)</th></tr></thead><tbody><tr><td>15 min Summer</td><td>87.620</td><td>0.0</td><td>19</td></tr><tr><td>30 min Summer</td><td>57.683</td><td>0.0</td><td>34</td></tr><tr><td>60 min Summer</td><td>36.448</td><td>0.0</td><td>64</td></tr><tr><td>120 min Summer</td><td>22.639</td><td>0.0</td><td>124</td></tr><tr><td>180 min Summer</td><td>16.928</td><td>0.0</td><td>182</td></tr><tr><td>240 min Summer</td><td>13.676</td><td>0.0</td><td>242</td></tr><tr><td>360 min Summer</td><td>10.003</td><td>0.0</td><td>362</td></tr><tr><td>480 min Summer</td><td>7.960</td><td>0.0</td><td>482</td></tr><tr><td>600 min Summer</td><td>6.652</td><td>0.0</td><td>600</td></tr><tr><td>720 min Summer</td><td>5.738</td><td>0.0</td><td>720</td></tr><tr><td>960 min Summer</td><td>4.539</td><td>0.0</td><td>892</td></tr><tr><td>1440 min Summer</td><td>3.269</td><td>0.0</td><td>1112</td></tr><tr><td>2160 min Summer</td><td>2.374</td><td>0.0</td><td>1512</td></tr><tr><td>2880 min Summer</td><td>1.907</td><td>0.0</td><td>1928</td></tr><tr><td>4320 min Summer</td><td>1.430</td><td>0.0</td><td>2764</td></tr><tr><td>5760 min Summer</td><td>1.183</td><td>0.0</td><td>3576</td></tr><tr><td>7200 min Summer</td><td>1.034</td><td>0.0</td><td>4392</td></tr><tr><td>8640 min Summer</td><td>0.933</td><td>0.0</td><td>5184</td></tr><tr><td>10080 min Summer</td><td>0.861</td><td>0.0</td><td>5952</td></tr><tr><td>15 min Winter</td><td>87.620</td><td>0.0</td><td>19</td></tr></tbody></table> |               |                              |                        |                                                                                     |            | Storm Event | Max Level (m) | Max Depth (m) | Max Infiltration (l/s) | Max Volume (m³) | Status | 15 min Summer | 0.155 | 0.155 | 0.2 | 14.1 | O K | 30 min Summer | 0.181 | 0.181 | 0.2 | 19.0 | O K | 60 min Summer | 0.206 | 0.206 | 0.3 | 24.1 | Flood Risk | 120 min Summer | 0.230 | 0.230 | 0.3 | 29.8 | Flood Risk | 180 min Summer | 0.243 | 0.243 | 0.3 | 33.0 | Flood Risk | 240 min Summer | 0.251 | 0.251 | 0.3 | 35.0 | Flood Risk | 360 min Summer | 0.260 | 0.260 | 0.3 | 37.3 | Flood Risk | 480 min Summer | 0.264 | 0.264 | 0.3 | 38.4 | Flood Risk | 600 min Summer | 0.265 | 0.265 | 0.3 | 38.8 | Flood Risk | 720 min Summer | 0.266 | 0.266 | 0.3 | 39.0 | Flood Risk | 960 min Summer | 0.265 | 0.265 | 0.3 | 38.6 | Flood Risk | 1440 min Summer | 0.262 | 0.262 | 0.3 | 37.9 | Flood Risk | 2160 min Summer | 0.259 | 0.259 | 0.3 | 37.0 | Flood Risk | 2880 min Summer | 0.255 | 0.255 | 0.3 | 36.2 | Flood Risk | 4320 min Summer | 0.250 | 0.250 | 0.3 | 34.9 | Flood Risk | 5760 min Summer | 0.246 | 0.246 | 0.3 | 33.9 | Flood Risk | 7200 min Summer | 0.244 | 0.244 | 0.3 | 33.2 | Flood Risk | 8640 min Summer | 0.242 | 0.242 | 0.3 | 32.7 | Flood Risk | 10080 min Summer | 0.240 | 0.240 | 0.3 | 32.4 | Flood Risk | 15 min Winter | 0.165 | 0.165 | 0.2 | 16.0 | O K | Storm Event | Rain (mm/hr) | Flooded Volume (m³) | Time-Peak (mins) | 15 min Summer | 87.620 | 0.0 | 19 | 30 min Summer | 57.683 | 0.0 | 34 | 60 min Summer | 36.448 | 0.0 | 64 | 120 min Summer | 22.639 | 0.0 | 124 | 180 min Summer | 16.928 | 0.0 | 182 | 240 min Summer | 13.676 | 0.0 | 242 | 360 min Summer | 10.003 | 0.0 | 362 | 480 min Summer | 7.960 | 0.0 | 482 | 600 min Summer | 6.652 | 0.0 | 600 | 720 min Summer | 5.738 | 0.0 | 720 | 960 min Summer | 4.539 | 0.0 | 892 | 1440 min Summer | 3.269 | 0.0 | 1112 | 2160 min Summer | 2.374 | 0.0 | 1512 | 2880 min Summer | 1.907 | 0.0 | 1928 | 4320 min Summer | 1.430 | 0.0 | 2764 | 5760 min Summer | 1.183 | 0.0 | 3576 | 7200 min Summer | 1.034 | 0.0 | 4392 | 8640 min Summer | 0.933 | 0.0 | 5184 | 10080 min Summer | 0.861 | 0.0 | 5952 | 15 min Winter | 87.620 | 0.0 | 19 |
| Storm Event                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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Max Volume (m³)                                                                     | Status     |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |      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         |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 15 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.155         | 0.155                        | 0.2                    | 14.1                                                                                | O K        |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 30 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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19.0                                                                                | O K        |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 60 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.206         | 0.206                        | 0.3                    | 24.1                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 120 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.230         | 0.230                        | 0.3                    | 29.8                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 180 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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33.0                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 240 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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35.0                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 360 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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37.3                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 480 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.264         | 0.264                        | 0.3                    | 38.4                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 600 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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38.8                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 720 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.266         | 0.266                        | 0.3                    | 39.0                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 960 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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38.6                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 1440 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.262         | 0.262                        | 0.3                    | 37.9                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 2160 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.259         | 0.259                        | 0.3                    | 37.0                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 2880 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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36.2                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 4320 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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34.9                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 5760 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.246         | 0.246                        | 0.3                    | 33.9                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 7200 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.244         | 0.244                        | 0.3                    | 33.2                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 8640 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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32.7                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 10080 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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32.4                                                                                | Flood Risk |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 15 min Winter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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16.0                                                                                | O K        |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| Storm Event                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Rain (mm/hr)  | Flooded Volume (m³)          | Time-Peak (mins)       |                                                                                     |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 15 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 30 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 60 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 120 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 180 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 16.928        | 0.0                          | 182                    |                                                                                     |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 240 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 360 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 480 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 600 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 720 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5.738         | 0.0                          | 720                    |                                                                                     |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 960 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 1440 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |       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        |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 2160 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 2880 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1.907         | 0.0                          | 1928                   |                                                                                     |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 4320 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 5760 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1.183         | 0.0                          | 3576                   |                                                                                     |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 7200 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 8640 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.933         | 0.0                          | 5184                   |                                                                                     |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 10080 min Summer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.861         | 0.0                          | 5952                   |                                                                                     |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
| 15 min Winter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 87.620        | 0.0                          | 19                     |                                                                                     |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |
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                                                                                   |            |             |               |               |                        |                 |        |               |       |       |     |      |     |               |       |       |     |      |     |               |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                 |       |       |     |      |            |                  |       |       |     |      |            |               |       |       |     |      |     |             |              |                     |                  |               |        |     |    |               |        |     |    |               |        |     |    |                |        |     |     |                |        |     |     |                |        |     |     |                |        |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                |       |     |     |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                 |       |     |      |                  |       |     |      |               |        |     |    |

|                                                            |               |                              |                        |                 |                                                                                     |
|------------------------------------------------------------|---------------|------------------------------|------------------------|-----------------|-------------------------------------------------------------------------------------|
| Odyssey                                                    |               |                              |                        | Page 2          |                                                                                     |
| Tuscany House                                              |               | Stakers Farm, Yapton         |                        |                 |  |
| White Hart Lane                                            |               | 19-156                       |                        |                 |                                                                                     |
| Baskingstoke RG21 4AF                                      |               | Road 3 and Plots 29-32_Rev_C |                        |                 |                                                                                     |
| Date 10/12/2020 14:18                                      |               | Designed by AK               |                        |                 |                                                                                     |
| File Road 3_including Plots                                |               | Checked by                   |                        |                 |                                                                                     |
| XP Solutions                                               |               | Source Control 2020.1        |                        |                 |                                                                                     |
| <u>Summary of Results for 10 year Return Period (+40%)</u> |               |                              |                        |                 |                                                                                     |
| Storm Event                                                | Max Level (m) | Max Depth (m)                | Max Infiltration (l/s) | Max Volume (m³) | Status                                                                              |
| 30 min Winter                                              | 0.193         | 0.193                        | 0.2                    | 21.4            | Flood Risk                                                                          |
| 60 min Winter                                              | 0.219         | 0.219                        | 0.3                    | 27.2            | Flood Risk                                                                          |
| 120 min Winter                                             | 0.245         | 0.245                        | 0.3                    | 33.6            | Flood Risk                                                                          |
| 180 min Winter                                             | 0.259         | 0.259                        | 0.3                    | 37.3            | Flood Risk                                                                          |
| 240 min Winter                                             | 0.268         | 0.268                        | 0.3                    | 39.6            | Flood Risk                                                                          |
| 360 min Winter                                             | 0.279         | 0.279                        | 0.3                    | 42.3            | Flood Risk                                                                          |
| 480 min Winter                                             | 0.284         | 0.284                        | 0.3                    | 43.7            | Flood Risk                                                                          |
| 600 min Winter                                             | 0.287         | 0.287                        | 0.3                    | 44.4            | Flood Risk                                                                          |
| 720 min Winter                                             | 0.288         | 0.288                        | 0.3                    | 44.7            | Flood Risk                                                                          |
| 960 min Winter                                             | 0.288         | 0.288                        | 0.3                    | 44.7            | Flood Risk                                                                          |
| 1440 min Winter                                            | 0.283         | 0.283                        | 0.3                    | 43.4            | Flood Risk                                                                          |
| 2160 min Winter                                            | 0.278         | 0.278                        | 0.3                    | 42.1            | Flood Risk                                                                          |
| 2880 min Winter                                            | 0.272         | 0.272                        | 0.3                    | 40.7            | Flood Risk                                                                          |
| 4320 min Winter                                            | 0.263         | 0.263                        | 0.3                    | 38.2            | Flood Risk                                                                          |
| 5760 min Winter                                            | 0.255         | 0.255                        | 0.3                    | 36.2            | Flood Risk                                                                          |
| 7200 min Winter                                            | 0.249         | 0.249                        | 0.3                    | 34.6            | Flood Risk                                                                          |
| 8640 min Winter                                            | 0.244         | 0.244                        | 0.3                    | 33.3            | Flood Risk                                                                          |
| 10080 min Winter                                           | 0.240         | 0.240                        | 0.3                    | 32.2            | Flood Risk                                                                          |
| Storm Event                                                | Rain (mm/hr)  | Flooded Volume (m³)          | Time-Peak (mins)       |                 |                                                                                     |
| 30 min Winter                                              | 57.683        | 0.0                          | 33                     |                 |                                                                                     |
| 60 min Winter                                              | 36.448        | 0.0                          | 64                     |                 |                                                                                     |
| 120 min Winter                                             | 22.639        | 0.0                          | 122                    |                 |                                                                                     |
| 180 min Winter                                             | 16.928        | 0.0                          | 180                    |                 |                                                                                     |
| 240 min Winter                                             | 13.676        | 0.0                          | 238                    |                 |                                                                                     |
| 360 min Winter                                             | 10.003        | 0.0                          | 356                    |                 |                                                                                     |
| 480 min Winter                                             | 7.960         | 0.0                          | 472                    |                 |                                                                                     |
| 600 min Winter                                             | 6.652         | 0.0                          | 586                    |                 |                                                                                     |
| 720 min Winter                                             | 5.738         | 0.0                          | 700                    |                 |                                                                                     |
| 960 min Winter                                             | 4.539         | 0.0                          | 916                    |                 |                                                                                     |
| 1440 min Winter                                            | 3.269         | 0.0                          | 1196                   |                 |                                                                                     |
| 2160 min Winter                                            | 2.374         | 0.0                          | 1624                   |                 |                                                                                     |
| 2880 min Winter                                            | 1.907         | 0.0                          | 2076                   |                 |                                                                                     |
| 4320 min Winter                                            | 1.430         | 0.0                          | 2980                   |                 |                                                                                     |
| 5760 min Winter                                            | 1.183         | 0.0                          | 3856                   |                 |                                                                                     |
| 7200 min Winter                                            | 1.034         | 0.0                          | 4688                   |                 |                                                                                     |
| 8640 min Winter                                            | 0.933         | 0.0                          | 5528                   |                 |                                                                                     |
| 10080 min Winter                                           | 0.861         | 0.0                          | 6352                   |                 |                                                                                     |
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|                                                          |                                                                |                                                                                     |
|----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Odyssey                                                  |                                                                | Page 3                                                                              |
| Tuscany House<br>White Hart Lane<br>Basingstoke RG21 4AF | Stakers Farm, Yapton<br>19-156<br>Road 3 and Plots 29-32_Rev_C |  |
| Date 10/12/2020 14:18<br>File Road 3_including Plots     | Designed by AK<br>Checked by                                   |                                                                                     |
| XP Solutions Source Control 2020.1                       |                                                                |                                                                                     |

Rainfall Details

|                       |                                 |
|-----------------------|---------------------------------|
| Rainfall Model        | FEH                             |
| Return Period (years) | 10                              |
| FEH Rainfall Version  | 2013                            |
| Site Location         | GB 497682 103581 SU 97682 03581 |
| Data Type             | Point                           |
| Summer Storms         | Yes                             |
| Winter Storms         | Yes                             |
| Cv (Summer)           | 0.750                           |
| Cv (Winter)           | 0.840                           |
| Shortest Storm (mins) | 15                              |
| Longest Storm (mins)  | 10080                           |
| Climate Change %      | +40                             |

Time Area Diagram

Total Area (ha) 0.096

|       | Time (mins) | Area    |
|-------|-------------|---------|
| From: | To:         | (ha)    |
|       | 0           | 4 0.096 |

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|                                                           |                                                                |                                                                                     |
|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Odyssey                                                   |                                                                | Page 4                                                                              |
| Tuscany House<br>White Hart Lane<br>Baskingstoke RG21 4AF | Stakers Farm, Yapton<br>19-156<br>Road 3 and Plots 29-32_Rev_C |  |
| Date 10/12/2020 14:18<br>File Road 3_including Plots      | Designed by AK<br>Checked by                                   |                                                                                     |
| XP Solutions Source Control 2020.1                        |                                                                |                                                                                     |

Model Details

Storage is Online Cover Level (m) 0.490

Complex Structure

Porous Car Park

|                                      |         |                         |       |
|--------------------------------------|---------|-------------------------|-------|
| Infiltration Coefficient Base (m/hr) | 0.00648 | Width (m)               | 4.8   |
| Membrane Percolation (mm/hr)         | 1000    | Length (m)              | 62.8  |
| Max Percolation (l/s)                | 83.7    | Slope (1:X)             | 234.0 |
| Safety Factor                        | 2.0     | Depression Storage (mm) | 0     |
| Porosity                             | 0.95    | Evaporation (mm/day)    | 0     |
| Invert Level (m)                     | 0.000   | Cap Volume Depth (m)    | 0.235 |

Porous Car Park

|                                      |         |                         |       |
|--------------------------------------|---------|-------------------------|-------|
| Infiltration Coefficient Base (m/hr) | 0.00648 | Width (m)               | 2.0   |
| Membrane Percolation (mm/hr)         | 1000    | Length (m)              | 26.4  |
| Max Percolation (l/s)                | 14.7    | Slope (1:X)             | 234.0 |
| Safety Factor                        | 2.0     | Depression Storage (mm) | 0     |
| Porosity                             | 0.30    | Evaporation (mm/day)    | 0     |
| Invert Level (m)                     | 0.000   | Cap Volume Depth (m)    | 0.100 |

Porous Car Park

|                                      |         |                         |       |
|--------------------------------------|---------|-------------------------|-------|
| Infiltration Coefficient Base (m/hr) | 0.00000 | Width (m)               | 4.8   |
| Membrane Percolation (mm/hr)         | 1000    | Length (m)              | 62.8  |
| Max Percolation (l/s)                | 83.7    | Slope (1:X)             | 234.0 |
| Safety Factor                        | 2.0     | Depression Storage (mm) | 5     |
| Porosity                             | 0.30    | Evaporation (mm/day)    | 3     |
| Invert Level (m)                     | 0.235   | Membrane Depth (m)      | 0     |

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