

|                                                                      |                       |                                                                                     |
|----------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|
| SGi Consulting                                                       |                       | Page 1                                                                              |
| 4th Floor, Colchester House<br>40 Peter Street<br>Manchester, M2 5GP |                       |  |
| Date 20/11/2024 09:01                                                | Designed by sgicivils |                                                                                     |
| File C1467-2000 Drainage Plan                                        | Checked by            |                                                                                     |
| Micro Drainage                                                       | Network 2020.1.3      |                                                                                     |

### Summary Wizard of 1440 minute 1 year Summer I+0% for Storm

#### Simulation Criteria

Areal Reduction Factor 1.000    Additional Flow - % of Total Flow 0.000  
 Hot Start (mins) 0    MADD Factor \* 10m³/ha Storage 0.000  
 Hot Start Level (mm) 0    Inlet Coefficient 0.800  
 Manhole Headloss Coeff (Global) 0.500    Flow per Person per Day (l/per/day) 0.000  
 Foul Sewage per hectare (l/s) 0.000

Number of Input Hydrographs 0    Number of Offline Controls 0    Number of Time/Area Diagrams 0  
 Number of Online Controls 1    Number of Storage Structures 1    Number of Real Time Controls 0

#### Synthetic Rainfall Details

Rainfall Model    FSR M5-60 (mm) 18.100 Cv (Summer) 1.000  
 Region England and Wales    Ratio R 0.359 Cv (Winter) 1.000

Margin for Flood Risk Warning (mm) 300.0  
 Analysis Timestep 2.5 Second Increment (Extended)  
 DTS Status OFF  
 DVD Status ON  
 Inertia Status ON

Profile(s) Summer and Winter  
 Duration(s) (mins) 15, 30, 60, 120, 180, 240, 360, 480, 600, 720, 960, 1440  
 Return Period(s) (years) 1, 2, 5, 30, 100  
 Climate Change (%) 0, 0, 0, 0, 40

| PN    | US/MH Name | Storm Rank | Water     |           |             | Flow / Cap. | Overflow (l/s) | Half Drain Pipe |            | Status     |
|-------|------------|------------|-----------|-----------|-------------|-------------|----------------|-----------------|------------|------------|
|       |            |            | Level (m) | Depth (m) | Volume (m³) |             |                | Time (mins)     | Flow (l/s) |            |
| 1.000 | 100        | 15         | 29.301    | -0.149    | 0.000       | 0.00        |                |                 | 0.1        | OK         |
| 1.001 | 101        | 8          | 28.054    | -0.296    | 0.000       | 0.00        |                |                 | 0.6        | OK         |
| 2.000 | 600        | 13         | 29.062    | -0.148    | 0.000       | 0.00        |                |                 | 0.2        | OK         |
| 1.002 | 102        | 38         | 27.179    | -0.291    | 0.000       | 0.01        |                |                 | 1.2        | OK         |
| 1.003 | 104        | 44         | 26.643    | -0.287    | 0.000       | 0.01        |                |                 | 1.5        | OK         |
| 3.000 | 200        | 31         | 28.963    | -0.137    | 0.000       | 0.02        |                |                 | 0.3        | OK         |
| 3.001 | 201        | 33         | 28.665    | -0.285    | 0.000       | 0.01        |                |                 | 0.7        | OK         |
| 3.002 | 202        | 91         | 28.545    | -0.295    | 0.000       | 0.00        |                |                 | 1.0        | OK         |
| 4.000 | 300        | 25         | 27.815    | -0.290    | 0.000       | 0.01        |                |                 | 0.7        | OK         |
| 3.003 | 203        | 45         | 27.441    | -0.289    | 0.000       | 0.01        |                |                 | 1.9        | OK         |
| 1.004 | 105        | 42         | 26.345    | -0.155    | 0.000       | 0.02        |                |                 | 3.4        | OK         |
| 5.000 | 400        | 8          | 29.054    | -0.096    | 0.000       | 0.01        |                |                 | 0.1        | OK         |
| 5.001 | 401        | 9          | 28.824    | -0.146    | 0.000       | 0.00        |                |                 | 0.2        | OK         |
| 5.002 | 402        | 11         | 27.853    | -0.222    | 0.000       | 0.00        |                |                 | 0.3        | OK         |
| 6.000 | 500        | 47         | 27.996    | -0.144    | 0.000       | 0.01        |                |                 | 0.2        | OK         |
| 6.001 | 501        | 30         | 27.831    | -0.134    | 0.000       | 0.02        |                |                 | 0.3        | OK         |
| 6.002 | 502        | 39         | 27.541    | -0.214    | 0.000       | 0.01        |                |                 | 0.4        | OK         |
| 6.003 | 503        | 29         | 27.439    | -0.201    | 0.000       | 0.03        |                |                 | 1.0        | OK         |
| 5.003 | 403        | 33         | 27.240    | -0.290    | 0.000       | 0.01        |                |                 | 1.6        | OK         |
| 7.000 | 700        | 9          | 28.089    | -0.221    | 0.000       | 0.00        |                |                 | 0.5        | OK         |
| 7.001 | 701        | 20         | 27.039    | -0.221    | 0.000       | 0.00        |                |                 | 0.5        | OK         |
| 5.004 | 404        | 34         | 26.344    | -1.747    | 0.000       | 0.00        |                | 290             | 2.7        | OK         |
| 1.005 | 405        | 27         | 26.344    | 0.144     | 0.000       | 0.16        |                |                 | 5.7        | SURCHARGED |
| 1.006 | 107        | 21         | 26.415    | 0.390     | 0.000       | 0.08        |                |                 | 2.2        | SURCHARGED |
| 1.007 | 108        | 13         | 25.806    | -0.199    | 0.000       | 0.03        |                |                 | 2.2        | OK         |

|                                                                      |                       |                                                                                     |
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| 4th Floor, Colchester House<br>40 Peter Street<br>Manchester, M2 5GP |                       |  |
| Date 20/11/2024 09:01                                                | Designed by sgicivils |                                                                                     |
| File C1467-2000 Drainage Plan                                        | Checked by            |                                                                                     |
| Micro Drainage                                                       | Network 2020.1.3      |                                                                                     |

### Summary Wizard of 1440 minute 2 year Summer I+0% for Storm

#### Simulation Criteria

Areal Reduction Factor 1.000    Additional Flow - % of Total Flow 0.000  
 Hot Start (mins) 0    MADD Factor \* 10m³/ha Storage 0.000  
 Hot Start Level (mm) 0    Inlet Coefficient 0.800  
 Manhole Headloss Coeff (Global) 0.500    Flow per Person per Day (l/per/day) 0.000  
 Foul Sewage per hectare (l/s) 0.000

Number of Input Hydrographs 0    Number of Offline Controls 0    Number of Time/Area Diagrams 0  
 Number of Online Controls 1    Number of Storage Structures 1    Number of Real Time Controls 0

#### Synthetic Rainfall Details

Rainfall Model    FSR M5-60 (mm) 18.100 Cv (Summer) 1.000  
 Region England and Wales    Ratio R 0.359 Cv (Winter) 1.000

Margin for Flood Risk Warning (mm) 300.0  
 Analysis Timestep 2.5 Second Increment (Extended)  
 DTS Status OFF  
 DVD Status ON  
 Inertia Status ON

Profile(s) Summer and Winter  
 Duration(s) (mins) 15, 30, 60, 120, 180, 240, 360, 480, 600, 720, 960, 1440  
 Return Period(s) (years) 1, 2, 5, 30, 100  
 Climate Change (%) 0, 0, 0, 0, 40

| PN    | US/MH Name | Storm Rank | Water     | Surcharged | Flooded     | Flow / Cap. | Half Drain     | Pipe        | Status     |
|-------|------------|------------|-----------|------------|-------------|-------------|----------------|-------------|------------|
|       |            |            | Level (m) | Depth (m)  | Volume (m³) |             | Overflow (l/s) | Time (mins) |            |
| 1.000 | 100        | 13         | 29.301    | -0.149     | 0.000       | 0.00        |                | 0.1         | OK         |
| 1.001 | 101        | 9          | 28.055    | -0.295     | 0.000       | 0.00        |                | 0.7         | OK         |
| 2.000 | 600        | 11         | 29.062    | -0.148     | 0.000       | 0.00        |                | 0.2         | OK         |
| 1.002 | 102        | 29         | 27.181    | -0.289     | 0.000       | 0.01        |                | 1.4         | OK         |
| 1.003 | 104        | 42         | 26.645    | -0.285     | 0.000       | 0.01        |                | 1.7         | OK         |
| 3.000 | 200        | 29         | 28.965    | -0.135     | 0.000       | 0.02        |                | 0.4         | OK         |
| 3.001 | 201        | 26         | 28.668    | -0.282     | 0.000       | 0.01        |                | 0.8         | OK         |
| 3.002 | 202        | 55         | 28.546    | -0.294     | 0.000       | 0.00        |                | 1.1         | OK         |
| 4.000 | 300        | 27         | 27.816    | -0.289     | 0.000       | 0.01        |                | 0.8         | OK         |
| 3.003 | 203        | 34         | 27.443    | -0.287     | 0.000       | 0.01        |                | 2.2         | OK         |
| 1.004 | 105        | 27         | 26.448    | -0.052     | 0.000       | 0.03        |                | 4.0         | OK         |
| 5.000 | 400        | 66         | 29.055    | -0.095     | 0.000       | 0.01        |                | 0.1         | OK         |
| 5.001 | 401        | 10         | 28.824    | -0.146     | 0.000       | 0.01        |                | 0.2         | OK         |
| 5.002 | 402        | 13         | 27.854    | -0.221     | 0.000       | 0.00        |                | 0.4         | OK         |
| 6.000 | 500        | 27         | 27.998    | -0.142     | 0.000       | 0.01        |                | 0.2         | OK         |
| 6.001 | 501        | 20         | 27.832    | -0.133     | 0.000       | 0.03        |                | 0.4         | OK         |
| 6.002 | 502        | 31         | 27.543    | -0.212     | 0.000       | 0.01        |                | 0.5         | OK         |
| 6.003 | 503        | 25         | 27.441    | -0.199     | 0.000       | 0.03        |                | 1.2         | OK         |
| 5.003 | 403        | 30         | 27.242    | -0.288     | 0.000       | 0.01        |                | 2.0         | OK         |
| 7.000 | 700        | 8          | 28.090    | -0.220     | 0.000       | 0.00        |                | 0.6         | OK         |
| 7.001 | 701        | 73         | 27.040    | -0.220     | 0.000       | 0.00        |                | 0.6         | OK         |
| 5.004 | 404        | 23         | 26.447    | -1.644     | 0.000       | 0.00        | 357            | 3.2         | OK         |
| 1.005 | 405        | 16         | 26.447    | 0.247      | 0.000       | 0.16        |                | 5.8         | SURCHARGED |
| 1.006 | 107        | 13         | 26.525    | 0.500      | 0.000       | 0.09        |                | 2.4         | SURCHARGED |
| 1.007 | 108        | 7          | 25.806    | -0.199     | 0.000       | 0.03        |                | 2.4         | OK         |

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| Date 20/11/2024 09:01                                                | Designed by sgicivils |                                                                                     |
| File C1467-2000 Drainage Plan                                        | Checked by            |                                                                                     |
| Micro Drainage                                                       | Network 2020.1.3      |                                                                                     |

### Summary Wizard of 1440 minute 5 year Summer I+0% for Storm

#### Simulation Criteria

Areal Reduction Factor 1.000    Additional Flow - % of Total Flow 0.000  
 Hot Start (mins) 0    MADD Factor \* 10m<sup>3</sup>/ha Storage 0.000  
 Hot Start Level (mm) 0    Inlet Coefficient 0.800  
 Manhole Headloss Coeff (Global) 0.500    Flow per Person per Day (l/per/day) 0.000  
 Foul Sewage per hectare (l/s) 0.000

Number of Input Hydrographs 0    Number of Offline Controls 0    Number of Time/Area Diagrams 0  
 Number of Online Controls 1    Number of Storage Structures 1    Number of Real Time Controls 0

#### Synthetic Rainfall Details

Rainfall Model    FSR M5-60 (mm) 18.100 Cv (Summer) 1.000  
 Region England and Wales    Ratio R 0.359 Cv (Winter) 1.000

Margin for Flood Risk Warning (mm) 300.0  
 Analysis Timestep 2.5 Second Increment (Extended)  
 DTS Status OFF  
 DVD Status ON  
 Inertia Status ON

Profile(s) Summer and Winter  
 Duration(s) (mins) 15, 30, 60, 120, 180, 240, 360, 480, 600, 720, 960, 1440  
 Return Period(s) (years) 1, 2, 5, 30, 100  
 Climate Change (%) 0, 0, 0, 0, 40

| PN    | US/MH Name | Storm Rank | Water Surcharged |           |                          | Flooded     |                | Half Drain Time (mins) | Pipe Flow (l/s) | Status     |
|-------|------------|------------|------------------|-----------|--------------------------|-------------|----------------|------------------------|-----------------|------------|
|       |            |            | Level (m)        | Depth (m) | Volume (m <sup>3</sup> ) | Flow / Cap. | Overflow (l/s) |                        |                 |            |
| 1.000 | 100        | 12         | 29.302           | -0.148    | 0.000                    | 0.00        |                |                        | 0.1             | OK         |
| 1.001 | 101        | 47         | 28.056           | -0.294    | 0.000                    | 0.00        |                |                        | 0.8             | OK         |
| 2.000 | 600        | 10         | 29.063           | -0.147    | 0.000                    | 0.00        |                |                        | 0.2             | OK         |
| 1.002 | 102        | 25         | 27.183           | -0.287    | 0.000                    | 0.01        |                |                        | 1.7             | OK         |
| 1.003 | 104        | 40         | 26.648           | -0.282    | 0.000                    | 0.01        |                |                        | 2.1             | OK         |
| 3.000 | 200        | 17         | 28.966           | -0.134    | 0.000                    | 0.03        |                |                        | 0.5             | OK         |
| 3.001 | 201        | 28         | 28.672           | -0.278    | 0.000                    | 0.02        |                |                        | 1.0             | OK         |
| 3.002 | 202        | 38         | 28.547           | -0.293    | 0.000                    | 0.01        |                |                        | 1.4             | OK         |
| 4.000 | 300        | 18         | 27.819           | -0.286    | 0.000                    | 0.01        |                |                        | 1.0             | OK         |
| 3.003 | 203        | 31         | 27.446           | -0.284    | 0.000                    | 0.01        |                |                        | 2.7             | OK         |
| 1.004 | 105        | 16         | 26.591           | 0.091     | 0.000                    | 0.04        |                |                        | 4.9             | SURCHARGED |
| 5.000 | 400        | 37         | 29.056           | -0.094    | 0.000                    | 0.01        |                |                        | 0.1             | OK         |
| 5.001 | 401        | 65         | 28.825           | -0.145    | 0.000                    | 0.01        |                |                        | 0.3             | OK         |
| 5.002 | 402        | 12         | 27.855           | -0.220    | 0.000                    | 0.00        |                |                        | 0.4             | OK         |
| 6.000 | 500        | 24         | 27.999           | -0.141    | 0.000                    | 0.01        |                |                        | 0.3             | OK         |
| 6.001 | 501        | 13         | 27.833           | -0.132    | 0.000                    | 0.03        |                |                        | 0.5             | OK         |
| 6.002 | 502        | 30         | 27.546           | -0.209    | 0.000                    | 0.02        |                |                        | 0.6             | OK         |
| 6.003 | 503        | 21         | 27.443           | -0.197    | 0.000                    | 0.04        |                |                        | 1.4             | OK         |
| 5.003 | 403        | 24         | 27.244           | -0.286    | 0.000                    | 0.01        |                |                        | 2.4             | OK         |
| 7.000 | 700        | 63         | 28.091           | -0.219    | 0.000                    | 0.01        |                |                        | 0.8             | OK         |
| 7.001 | 701        | 37         | 27.041           | -0.219    | 0.000                    | 0.01        |                |                        | 0.8             | OK         |
| 5.004 | 404        | 13         | 26.589           | -1.502    | 0.000                    | 0.00        |                | 472                    | 3.9             | OK         |
| 1.005 | 405        | 11         | 26.589           | 0.389     | 0.000                    | 0.17        |                |                        | 6.1             | SURCHARGED |
| 1.006 | 107        | 7          | 26.659           | 0.634     | 0.000                    | 0.09        |                |                        | 2.6             | SURCHARGED |
| 1.007 | 108        | 3          | 25.807           | -0.198    | 0.000                    | 0.03        |                |                        | 2.6             | OK         |

|                                                                      |                       |                                                                                     |
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| Date 20/11/2024 09:01                                                | Designed by sgicivils |                                                                                     |
| File C1467-2000 Drainage Plan                                        | Checked by            |                                                                                     |
| Micro Drainage                                                       | Network 2020.1.3      |                                                                                     |

### Summary Wizard of 1440 minute 30 year Summer I+0% for Storm

#### Simulation Criteria

Areal Reduction Factor 1.000    Additional Flow - % of Total Flow 0.000  
 Hot Start (mins) 0    MADD Factor \* 10m³/ha Storage 0.000  
 Hot Start Level (mm) 0    Inlet Coefficient 0.800  
 Manhole Headloss Coeff (Global) 0.500    Flow per Person per Day (l/per/day) 0.000  
 Foul Sewage per hectare (l/s) 0.000

Number of Input Hydrographs 0    Number of Offline Controls 0    Number of Time/Area Diagrams 0  
 Number of Online Controls 1    Number of Storage Structures 1    Number of Real Time Controls 0

#### Synthetic Rainfall Details

Rainfall Model    FSR M5-60 (mm) 18.100 Cv (Summer) 1.000  
 Region England and Wales    Ratio R 0.359 Cv (Winter) 1.000

Margin for Flood Risk Warning (mm) 300.0  
 Analysis Timestep 2.5 Second Increment (Extended)  
 DTS Status OFF  
 DVD Status ON  
 Inertia Status ON

Profile(s) Summer and Winter  
 Duration(s) (mins) 15, 30, 60, 120, 180, 240, 360, 480, 600, 720, 960, 1440  
 Return Period(s) (years) 1, 2, 5, 30, 100  
 Climate Change (%) 0, 0, 0, 0, 40

| PN    | US/MH Name | Storm Rank | Water     |           |             | Surcharged  |                | Half Drain Time (mins) | Pipe Flow (l/s) | Status     |
|-------|------------|------------|-----------|-----------|-------------|-------------|----------------|------------------------|-----------------|------------|
|       |            |            | Level (m) | Depth (m) | Volume (m³) | Flow / Cap. | Overflow (l/s) |                        |                 |            |
| 1.000 | 100        | 11         | 29.302    | -0.148    | 0.000       | 0.00        |                |                        | 0.1             | OK         |
| 1.001 | 101        | 21         | 28.058    | -0.292    | 0.000       | 0.01        |                |                        | 1.1             | OK         |
| 2.000 | 600        | 12         | 29.064    | -0.146    | 0.000       | 0.01        |                |                        | 0.4             | OK         |
| 1.002 | 102        | 20         | 27.188    | -0.282    | 0.000       | 0.01        |                |                        | 2.4             | OK         |
| 1.003 | 104        | 10         | 26.963    | 0.033     | 0.000       | 0.02        |                |                        | 3.0             | SURCHARGED |
| 3.000 | 200        | 9          | 28.968    | -0.132    | 0.000       | 0.04        |                |                        | 0.7             | OK         |
| 3.001 | 201        | 13         | 28.680    | -0.270    | 0.000       | 0.02        |                |                        | 1.4             | OK         |
| 3.002 | 202        | 14         | 28.551    | -0.289    | 0.000       | 0.01        |                |                        | 2.0             | OK         |
| 4.000 | 300        | 15         | 27.825    | -0.280    | 0.000       | 0.01        |                |                        | 1.4             | OK         |
| 3.003 | 203        | 24         | 27.453    | -0.277    | 0.000       | 0.02        |                |                        | 3.9             | OK         |
| 1.004 | 105        | 5          | 26.962    | 0.462     | 0.000       | 0.05        |                |                        | 6.8             | SURCHARGED |
| 5.000 | 400        | 26         | 29.059    | -0.091    | 0.000       | 0.02        |                |                        | 0.1             | OK         |
| 5.001 | 401        | 34         | 28.827    | -0.143    | 0.000       | 0.01        |                |                        | 0.4             | OK         |
| 5.002 | 402        | 28         | 27.857    | -0.218    | 0.000       | 0.01        |                |                        | 0.6             | OK         |
| 6.000 | 500        | 12         | 28.003    | -0.137    | 0.000       | 0.02        |                |                        | 0.4             | OK         |
| 6.001 | 501        | 6          | 27.836    | -0.129    | 0.000       | 0.05        |                |                        | 0.7             | OK         |
| 6.002 | 502        | 24         | 27.553    | -0.202    | 0.000       | 0.02        |                |                        | 0.8             | OK         |
| 6.003 | 503        | 16         | 27.448    | -0.192    | 0.000       | 0.05        |                |                        | 2.0             | OK         |
| 5.003 | 403        | 20         | 27.251    | -0.279    | 0.000       | 0.01        |                |                        | 3.4             | OK         |
| 7.000 | 700        | 23         | 28.093    | -0.217    | 0.000       | 0.01        |                |                        | 1.1             | OK         |
| 7.001 | 701        | 24         | 27.044    | -0.216    | 0.000       | 0.01        |                |                        | 1.1             | OK         |
| 5.004 | 404        | 5          | 26.961    | -1.130    | 0.000       | 0.00        |                | 652                    | 5.5             | OK         |
| 1.005 | 405        | 5          | 26.961    | 0.761     | 0.000       | 0.18        |                |                        | 6.4             | SURCHARGED |
| 1.006 | 107        | 3          | 27.045    | 1.020     | 0.000       | 0.11        |                |                        | 3.1             | SURCHARGED |
| 1.007 | 108        | 1          | 25.810    | -0.195    | 0.000       | 0.04        |                |                        | 3.1             | OK         |

|                                                                      |                       |                                                                                     |
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| Date 20/11/2024 09:01                                                | Designed by sgicivils |                                                                                     |
| File C1467-2000 Drainage Plan                                        | Checked by            |                                                                                     |
| Micro Drainage                                                       | Network 2020.1.3      |                                                                                     |

### Summary Wizard of 1440 minute 100 year Summer I+40% for Storm

#### Simulation Criteria

Areal Reduction Factor 1.000    Additional Flow - % of Total Flow 0.000  
 Hot Start (mins) 0    MADD Factor \* 10m³/ha Storage 0.000  
 Hot Start Level (mm) 0    Inlet Coefficient 0.800  
 Manhole Headloss Coeff (Global) 0.500    Flow per Person per Day (l/per/day) 0.000  
 Foul Sewage per hectare (l/s) 0.000

Number of Input Hydrographs 0    Number of Offline Controls 0    Number of Time/Area Diagrams 0  
 Number of Online Controls 1    Number of Storage Structures 1    Number of Real Time Controls 0

#### Synthetic Rainfall Details

Rainfall Model    FSR M5-60 (mm) 18.100 Cv (Summer) 1.000  
 Region England and Wales    Ratio R 0.359 Cv (Winter) 1.000

Margin for Flood Risk Warning (mm) 300.0  
 Analysis Timestep 2.5 Second Increment (Extended)  
 DTS Status OFF  
 DVD Status ON  
 Inertia Status ON

Profile(s) Summer and Winter  
 Duration(s) (mins) 15, 30, 60, 120, 180, 240, 360, 480, 600, 720, 960, 1440  
 Return Period(s) (years) 1, 2, 5, 30, 100  
 Climate Change (%) 0, 0, 0, 0, 40

| PN    | US/MH Name | Storm Rank | Water Surcharged |           |             | Flow / Cap. | Overflow (l/s) | Half Drain Pipe |            | Status     |
|-------|------------|------------|------------------|-----------|-------------|-------------|----------------|-----------------|------------|------------|
|       |            |            | Level (m)        | Depth (m) | Volume (m³) |             |                | Time (mins)     | Flow (l/s) |            |
| 1.000 | 100        | 14         | 29.304           | -0.146    | 0.000       | 0.01        |                |                 | 0.2        | OK         |
| 1.001 | 101        | 14         | 28.064           | -0.286    | 0.000       | 0.01        |                |                 | 2.0        | OK         |
| 2.000 | 600        | 41         | 29.067           | -0.143    | 0.000       | 0.01        |                |                 | 0.6        | OK         |
| 1.002 | 102        | 1          | 28.035           | 0.565     | 0.000       | 0.02        |                |                 | 4.2        | SURCHARGED |
| 1.003 | 104        | 1          | 28.034           | 1.104     | 0.000       | 0.03        |                |                 | 5.2        | SURCHARGED |
| 3.000 | 200        | 4          | 28.975           | -0.125    | 0.000       | 0.06        |                |                 | 1.2        | OK         |
| 3.001 | 201        | 4          | 28.688           | -0.262    | 0.000       | 0.04        |                |                 | 2.5        | OK         |
| 3.002 | 202        | 9          | 28.559           | -0.281    | 0.000       | 0.01        |                |                 | 3.5        | OK         |
| 4.000 | 300        | 1          | 28.035           | -0.070    | 0.000       | 0.02        |                |                 | 2.5        | OK         |
| 3.003 | 203        | 1          | 28.035           | 0.305     | 0.000       | 0.03        |                |                 | 6.9        | SURCHARGED |
| 1.004 | 105        | 1          | 28.034           | 1.534     | 0.000       | 0.09        |                |                 | 11.9       | SURCHARGED |
| 5.000 | 400        | 11         | 29.062           | -0.088    | 0.000       | 0.03        |                |                 | 0.2        | OK         |
| 5.001 | 401        | 16         | 28.833           | -0.137    | 0.000       | 0.02        |                |                 | 0.7        | OK         |
| 5.002 | 402        | 8          | 28.036           | -0.039    | 0.000       | 0.01        |                |                 | 1.1        | OK         |
| 6.000 | 500        | 14         | 28.038           | -0.102    | 0.000       | 0.03        |                |                 | 0.7        | OK         |
| 6.001 | 501        | 7          | 28.038           | 0.073     | 0.000       | 0.09        |                |                 | 1.2        | SURCHARGED |
| 6.002 | 502        | 1          | 28.037           | 0.282     | 0.000       | 0.04        |                |                 | 1.5        | SURCHARGED |
| 6.003 | 503        | 1          | 28.036           | 0.396     | 0.000       | 0.09        |                |                 | 3.6        | SURCHARGED |
| 5.003 | 403        | 1          | 28.035           | 0.505     | 0.000       | 0.03        |                |                 | 6.0        | SURCHARGED |
| 7.000 | 700        | 13         | 28.100           | -0.210    | 0.000       | 0.01        |                |                 | 1.9        | OK         |
| 7.001 | 701        | 1          | 28.035           | 0.775     | 0.000       | 0.01        |                |                 | 1.9        | SURCHARGED |
| 5.004 | 404        | 1          | 28.034           | -0.057    | 0.000       | 0.00        |                | 1119            | 9.7        | OK         |
| 1.005 | 405        | 1          | 28.034           | 1.834     | 0.000       | 0.24        |                |                 | 8.6        | SURCHARGED |
| 1.006 | 107        | 1          | 28.095           | 2.070     | 0.000       | 0.15        |                |                 | 4.2        | SURCHARGED |
| 1.007 | 108        | 65         | 25.814           | -0.191    | 0.000       | 0.06        |                |                 | 4.2        | OK         |

|                                                                      |                       |                                                                                     |
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| Micro Drainage                                                       | Network 2020.1.3      |                                                                                     |

### Summary Wizard of 1440 minute 1 year Winter I+0% for Storm

#### Simulation Criteria

Areal Reduction Factor 1.000    Additional Flow - % of Total Flow 0.000  
 Hot Start (mins) 0    MADD Factor \* 10m³/ha Storage 0.000  
 Hot Start Level (mm) 0    Inlet Coefficient 0.800  
 Manhole Headloss Coeff (Global) 0.500    Flow per Person per Day (l/per/day) 0.000  
 Foul Sewage per hectare (l/s) 0.000

Number of Input Hydrographs 0    Number of Offline Controls 0    Number of Time/Area Diagrams 0  
 Number of Online Controls 1    Number of Storage Structures 1    Number of Real Time Controls 0

#### Synthetic Rainfall Details

Rainfall Model    FSR M5-60 (mm) 18.100 Cv (Summer) 1.000  
 Region England and Wales    Ratio R 0.359 Cv (Winter) 1.000

Margin for Flood Risk Warning (mm) 300.0  
 Analysis Timestep 2.5 Second Increment (Extended)  
 DTS Status OFF  
 DVD Status ON  
 Inertia Status ON

Profile(s) Summer and Winter  
 Duration(s) (mins) 15, 30, 60, 120, 180, 240, 360, 480, 600, 720, 960, 1440  
 Return Period(s) (years) 1, 2, 5, 30, 100  
 Climate Change (%) 0, 0, 0, 0, 40

| PN    | US/MH Name | Storm Rank | Water Surcharged Flooded |           |             | Half Drain Pipe   |             | Status     |
|-------|------------|------------|--------------------------|-----------|-------------|-------------------|-------------|------------|
|       |            |            | Level (m)                | Depth (m) | Volume (m³) | Flow / Cap. (l/s) | Time (mins) |            |
| 1.000 | 100        | 5          | 29.301                   | -0.149    | 0.000       | 0.00              | 0.0         | OK         |
| 1.001 | 101        | 3          | 28.053                   | -0.297    | 0.000       | 0.00              | 0.4         | OK         |
| 2.000 | 600        | 2          | 29.061                   | -0.149    | 0.000       | 0.00              | 0.1         | OK         |
| 1.002 | 102        | 30         | 27.176                   | -0.294    | 0.000       | 0.00              | 0.7         | OK         |
| 1.003 | 104        | 33         | 26.638                   | -0.292    | 0.000       | 0.01              | 0.9         | OK         |
| 3.000 | 200        | 11         | 28.958                   | -0.142    | 0.000       | 0.01              | 0.2         | OK         |
| 3.001 | 201        | 8          | 28.660                   | -0.290    | 0.000       | 0.01              | 0.4         | OK         |
| 3.002 | 202        | 2          | 28.543                   | -0.297    | 0.000       | 0.00              | 0.6         | OK         |
| 4.000 | 300        | 16         | 27.811                   | -0.294    | 0.000       | 0.00              | 0.4         | OK         |
| 3.003 | 203        | 21         | 27.437                   | -0.293    | 0.000       | 0.01              | 1.2         | OK         |
| 1.004 | 105        | 40         | 26.306                   | -0.194    | 0.000       | 0.02              | 2.2         | OK         |
| 5.000 | 400        | 3          | 29.053                   | -0.097    | 0.000       | 0.01              | 0.0         | OK         |
| 5.001 | 401        | 3          | 28.822                   | -0.148    | 0.000       | 0.00              | 0.1         | OK         |
| 5.002 | 402        | 4          | 27.852                   | -0.223    | 0.000       | 0.00              | 0.2         | OK         |
| 6.000 | 500        | 1          | 27.994                   | -0.146    | 0.000       | 0.01              | 0.1         | OK         |
| 6.001 | 501        | 12         | 27.826                   | -0.139    | 0.000       | 0.02              | 0.2         | OK         |
| 6.002 | 502        | 20         | 27.537                   | -0.218    | 0.000       | 0.01              | 0.3         | OK         |
| 6.003 | 503        | 18         | 27.433                   | -0.207    | 0.000       | 0.02              | 0.6         | OK         |
| 5.003 | 403        | 23         | 27.236                   | -0.294    | 0.000       | 0.00              | 1.1         | OK         |
| 7.000 | 700        | 3          | 28.088                   | -0.222    | 0.000       | 0.00              | 0.3         | OK         |
| 7.001 | 701        | 14         | 27.038                   | -0.222    | 0.000       | 0.00              | 0.3         | OK         |
| 5.004 | 404        | 39         | 26.305                   | -1.786    | 0.000       | 0.00              | 276         | OK         |
| 1.005 | 405        | 29         | 26.305                   | 0.105     | 0.000       | 0.16              | 5.6         | SURCHARGED |
| 1.006 | 107        | 23         | 26.387                   | 0.362     | 0.000       | 0.08              | 2.1         | SURCHARGED |
| 1.007 | 108        | 16         | 25.805                   | -0.200    | 0.000       | 0.03              | 2.1         | OK         |

|                                                                      |                       |                                                                                     |
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| Micro Drainage                                                       | Network 2020.1.3      |                                                                                     |

### Summary Wizard of 1440 minute 2 year Winter I+0% for Storm

#### Simulation Criteria

Areal Reduction Factor 1.000    Additional Flow - % of Total Flow 0.000  
 Hot Start (mins) 0    MADD Factor \* 10m³/ha Storage 0.000  
 Hot Start Level (mm) 0    Inlet Coefficient 0.800  
 Manhole Headloss Coeff (Global) 0.500    Flow per Person per Day (l/per/day) 0.000  
 Foul Sewage per hectare (l/s) 0.000

Number of Input Hydrographs 0    Number of Offline Controls 0    Number of Time/Area Diagrams 0  
 Number of Online Controls 1    Number of Storage Structures 1    Number of Real Time Controls 0

#### Synthetic Rainfall Details

Rainfall Model    FSR M5-60 (mm) 18.100 Cv (Summer) 1.000  
 Region England and Wales    Ratio R 0.359 Cv (Winter) 1.000

Margin for Flood Risk Warning (mm) 300.0  
 Analysis Timestep 2.5 Second Increment (Extended)  
 DTS Status OFF  
 DVD Status ON  
 Inertia Status ON

Profile(s) Summer and Winter  
 Duration(s) (mins) 15, 30, 60, 120, 180, 240, 360, 480, 600, 720, 960, 1440  
 Return Period(s) (years) 1, 2, 5, 30, 100  
 Climate Change (%) 0, 0, 0, 0, 40

| PN    | US/MH Name | Storm Rank | Water     |           |             | Flow / Cap. | Overflow (l/s) | Half Drain Pipe |            | Status     |
|-------|------------|------------|-----------|-----------|-------------|-------------|----------------|-----------------|------------|------------|
|       |            |            | Level (m) | Depth (m) | Volume (m³) |             |                | Time (mins)     | Flow (l/s) |            |
| 1.000 | 100        | 4          | 29.301    | -0.149    | 0.000       | 0.00        |                |                 | 0.0        | OK         |
| 1.001 | 101        | 2          | 28.053    | -0.297    | 0.000       | 0.00        |                |                 | 0.4        | OK         |
| 2.000 | 600        | 3          | 29.061    | -0.149    | 0.000       | 0.00        |                |                 | 0.1        | OK         |
| 1.002 | 102        | 19         | 27.177    | -0.293    | 0.000       | 0.00        |                |                 | 0.9        | OK         |
| 1.003 | 104        | 29         | 26.640    | -0.290    | 0.000       | 0.01        |                |                 | 1.1        | OK         |
| 3.000 | 200        | 8          | 28.960    | -0.140    | 0.000       | 0.01        |                |                 | 0.3        | OK         |
| 3.001 | 201        | 6          | 28.662    | -0.288    | 0.000       | 0.01        |                |                 | 0.5        | OK         |
| 3.002 | 202        | 1          | 28.544    | -0.296    | 0.000       | 0.00        |                |                 | 0.7        | OK         |
| 4.000 | 300        | 9          | 27.812    | -0.293    | 0.000       | 0.01        |                |                 | 0.5        | OK         |
| 3.003 | 203        | 17         | 27.439    | -0.291    | 0.000       | 0.01        |                |                 | 1.4        | OK         |
| 1.004 | 105        | 29         | 26.410    | -0.090    | 0.000       | 0.02        |                |                 | 2.6        | OK         |
| 5.000 | 400        | 2          | 29.053    | -0.097    | 0.000       | 0.01        |                |                 | 0.0        | OK         |
| 5.001 | 401        | 2          | 28.823    | -0.147    | 0.000       | 0.00        |                |                 | 0.2        | OK         |
| 5.002 | 402        | 3          | 27.853    | -0.222    | 0.000       | 0.00        |                |                 | 0.2        | OK         |
| 6.000 | 500        | 2          | 27.995    | -0.145    | 0.000       | 0.01        |                |                 | 0.1        | OK         |
| 6.001 | 501        | 9          | 27.828    | -0.137    | 0.000       | 0.02        |                |                 | 0.3        | OK         |
| 6.002 | 502        | 17         | 27.539    | -0.216    | 0.000       | 0.01        |                |                 | 0.3        | OK         |
| 6.003 | 503        | 17         | 27.436    | -0.204    | 0.000       | 0.02        |                |                 | 0.8        | OK         |
| 5.003 | 403        | 17         | 27.238    | -0.292    | 0.000       | 0.01        |                |                 | 1.3        | OK         |
| 7.000 | 700        | 2          | 28.088    | -0.222    | 0.000       | 0.00        |                |                 | 0.4        | OK         |
| 7.001 | 701        | 13         | 27.038    | -0.222    | 0.000       | 0.00        |                |                 | 0.4        | OK         |
| 5.004 | 404        | 26         | 26.409    | -1.682    | 0.000       | 0.00        |                | 332             | 2.1        | OK         |
| 1.005 | 405        | 21         | 26.410    | 0.210     | 0.000       | 0.16        |                |                 | 5.6        | SURCHARGED |
| 1.006 | 107        | 16         | 26.496    | 0.471     | 0.000       | 0.08        |                |                 | 2.3        | SURCHARGED |
| 1.007 | 108        | 10         | 25.806    | -0.199    | 0.000       | 0.03        |                |                 | 2.3        | OK         |

|                                                                      |                       |                                                                                     |
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| Micro Drainage                                                       | Network 2020.1.3      |                                                                                     |

### Summary Wizard of 1440 minute 5 year Winter I+0% for Storm

#### Simulation Criteria

Areal Reduction Factor 1.000    Additional Flow - % of Total Flow 0.000  
 Hot Start (mins) 0    MADD Factor \* 10m³/ha Storage 0.000  
 Hot Start Level (mm) 0    Inlet Coefficient 0.800  
 Manhole Headloss Coeff (Global) 0.500 Flow per Person per Day (l/per/day) 0.000  
 Foul Sewage per hectare (l/s) 0.000

Number of Input Hydrographs 0    Number of Offline Controls 0    Number of Time/Area Diagrams 0  
 Number of Online Controls 1    Number of Storage Structures 1    Number of Real Time Controls 0

#### Synthetic Rainfall Details

Rainfall Model    FSR M5-60 (mm) 18.100 Cv (Summer) 1.000  
 Region England and Wales    Ratio R 0.359 Cv (Winter) 1.000

Margin for Flood Risk Warning (mm) 300.0  
 Analysis Timestep 2.5 Second Increment (Extended)  
 DTS Status OFF  
 DVD Status ON  
 Inertia Status ON

Profile(s) Summer and Winter  
 Duration(s) (mins) 15, 30, 60, 120, 180, 240, 360, 480, 600, 720, 960, 1440  
 Return Period(s) (years) 1, 2, 5, 30, 100  
 Climate Change (%) 0, 0, 0, 0, 40

| PN    | US/MH Name | Storm Rank | Water     |           |             | Surcharged  |                | Half Drain Time (mins) | Pipe Flow (l/s) | Status     |
|-------|------------|------------|-----------|-----------|-------------|-------------|----------------|------------------------|-----------------|------------|
|       |            |            | Level (m) | Depth (m) | Volume (m³) | Flow / Cap. | Overflow (l/s) |                        |                 |            |
| 1.000 | 100        | 3          | 29.301    | -0.149    | 0.000       | 0.00        |                |                        | 0.1             | OK         |
| 1.001 | 101        | 1          | 28.054    | -0.296    | 0.000       | 0.00        |                |                        | 0.5             | OK         |
| 2.000 | 600        | 5          | 29.062    | -0.148    | 0.000       | 0.00        |                |                        | 0.2             | OK         |
| 1.002 | 102        | 16         | 27.178    | -0.292    | 0.000       | 0.01        |                |                        | 1.1             | OK         |
| 1.003 | 104        | 26         | 26.642    | -0.288    | 0.000       | 0.01        |                |                        | 1.4             | OK         |
| 3.000 | 200        | 5          | 28.962    | -0.138    | 0.000       | 0.02        |                |                        | 0.3             | OK         |
| 3.001 | 201        | 5          | 28.664    | -0.286    | 0.000       | 0.01        |                |                        | 0.6             | OK         |
| 3.002 | 202        | 3          | 28.545    | -0.295    | 0.000       | 0.00        |                |                        | 0.9             | OK         |
| 4.000 | 300        | 6          | 27.814    | -0.291    | 0.000       | 0.01        |                |                        | 0.6             | OK         |
| 3.003 | 203        | 14         | 27.440    | -0.290    | 0.000       | 0.01        |                |                        | 1.8             | OK         |
| 1.004 | 105        | 17         | 26.556    | 0.056     | 0.000       | 0.02        |                |                        | 3.2             | SURCHARGED |
| 5.000 | 400        | 1          | 29.054    | -0.096    | 0.000       | 0.01        |                |                        | 0.1             | OK         |
| 5.001 | 401        | 4          | 28.823    | -0.147    | 0.000       | 0.00        |                |                        | 0.2             | OK         |
| 5.002 | 402        | 2          | 27.853    | -0.222    | 0.000       | 0.00        |                |                        | 0.3             | OK         |
| 6.000 | 500        | 10         | 27.996    | -0.144    | 0.000       | 0.01        |                |                        | 0.2             | OK         |
| 6.001 | 501        | 5          | 27.830    | -0.135    | 0.000       | 0.02        |                |                        | 0.3             | OK         |
| 6.002 | 502        | 14         | 27.540    | -0.215    | 0.000       | 0.01        |                |                        | 0.4             | OK         |
| 6.003 | 503        | 14         | 27.438    | -0.202    | 0.000       | 0.02        |                |                        | 0.9             | OK         |
| 5.003 | 403        | 14         | 27.239    | -0.291    | 0.000       | 0.01        |                |                        | 1.5             | OK         |
| 7.000 | 700        | 1          | 28.089    | -0.221    | 0.000       | 0.00        |                |                        | 0.5             | OK         |
| 7.001 | 701        | 16         | 27.039    | -0.221    | 0.000       | 0.00        |                |                        | 0.5             | OK         |
| 5.004 | 404        | 15         | 26.554    | -1.537    | 0.000       | 0.00        |                | 438                    | 2.6             | OK         |
| 1.005 | 405        | 15         | 26.555    | 0.355     | 0.000       | 0.17        |                |                        | 6.1             | SURCHARGED |
| 1.006 | 107        | 10         | 26.625    | 0.600     | 0.000       | 0.09        |                |                        | 2.5             | SURCHARGED |
| 1.007 | 108        | 6          | 25.807    | -0.198    | 0.000       | 0.03        |                |                        | 2.5             | OK         |

|                                                                      |                       |                                                                                     |
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| Micro Drainage                                                       |                       | Network 2020.1.3                                                                    |

### Summary Wizard of 1440 minute 30 year Winter I+0% for Storm

#### Simulation Criteria

Areal Reduction Factor 1.000    Additional Flow - % of Total Flow 0.000  
 Hot Start (mins) 0    MADD Factor \* 10m³/ha Storage 0.000  
 Hot Start Level (mm) 0    Inlet Coefficient 0.800  
 Manhole Headloss Coeff (Global) 0.500    Flow per Person per Day (l/per/day) 0.000  
 Foul Sewage per hectare (l/s) 0.000

Number of Input Hydrographs 0    Number of Offline Controls 0    Number of Time/Area Diagrams 0  
 Number of Online Controls 1    Number of Storage Structures 1    Number of Real Time Controls 0

#### Synthetic Rainfall Details

Rainfall Model    FSR M5-60 (mm) 18.100 Cv (Summer) 1.000  
 Region England and Wales    Ratio R 0.359 Cv (Winter) 1.000

Margin for Flood Risk Warning (mm) 300.0  
 Analysis Timestep 2.5 Second Increment (Extended)  
 DTS Status OFF  
 DVD Status ON  
 Inertia Status ON

Profile(s) Summer and Winter  
 Duration(s) (mins) 15, 30, 60, 120, 180, 240, 360, 480, 600, 720, 960, 1440  
 Return Period(s) (years) 1, 2, 5, 30, 100  
 Climate Change (%) 0, 0, 0, 0, 40

| PN    | US/MH Name | Storm Rank | Water     |           |             | Flow / Cap. | Overflow (l/s) | Half Drain Pipe |            | Status     |
|-------|------------|------------|-----------|-----------|-------------|-------------|----------------|-----------------|------------|------------|
|       |            |            | Level (m) | Depth (m) | Volume (m³) |             |                | Time (mins)     | Flow (l/s) |            |
| 1.000 | 100        | 2          | 29.301    | -0.149    | 0.000       | 0.00        |                |                 | 0.1        | OK         |
| 1.001 | 101        | 26         | 28.055    | -0.295    | 0.000       | 0.00        |                |                 | 0.7        | OK         |
| 2.000 | 600        | 4          | 29.062    | -0.148    | 0.000       | 0.00        |                |                 | 0.2        | OK         |
| 1.002 | 102        | 15         | 27.182    | -0.288    | 0.000       | 0.01        |                |                 | 1.5        | OK         |
| 1.003 | 104        | 11         | 26.932    | 0.002     | 0.000       | 0.01        |                |                 | 2.0        | SURCHARGED |
| 3.000 | 200        | 3          | 28.966    | -0.134    | 0.000       | 0.02        |                |                 | 0.4        | OK         |
| 3.001 | 201        | 2          | 28.670    | -0.280    | 0.000       | 0.01        |                |                 | 0.9        | OK         |
| 3.002 | 202        | 10         | 28.547    | -0.293    | 0.000       | 0.00        |                |                 | 1.3        | OK         |
| 4.000 | 300        | 5          | 27.818    | -0.287    | 0.000       | 0.01        |                |                 | 0.9        | OK         |
| 3.003 | 203        | 13         | 27.445    | -0.285    | 0.000       | 0.01        |                |                 | 2.5        | OK         |
| 1.004 | 105        | 7          | 26.931    | 0.431     | 0.000       | 0.03        |                |                 | 4.5        | SURCHARGED |
| 5.000 | 400        | 20         | 29.056    | -0.094    | 0.000       | 0.01        |                |                 | 0.1        | OK         |
| 5.001 | 401        | 1          | 28.825    | -0.145    | 0.000       | 0.01        |                |                 | 0.3        | OK         |
| 5.002 | 402        | 1          | 27.854    | -0.221    | 0.000       | 0.00        |                |                 | 0.4        | OK         |
| 6.000 | 500        | 3          | 27.999    | -0.141    | 0.000       | 0.01        |                |                 | 0.2        | OK         |
| 6.001 | 501        | 1          | 27.832    | -0.133    | 0.000       | 0.03        |                |                 | 0.4        | OK         |
| 6.002 | 502        | 11         | 27.545    | -0.210    | 0.000       | 0.01        |                |                 | 0.5        | OK         |
| 6.003 | 503        | 13         | 27.442    | -0.198    | 0.000       | 0.03        |                |                 | 1.3        | OK         |
| 5.003 | 403        | 13         | 27.243    | -0.287    | 0.000       | 0.01        |                |                 | 2.2        | OK         |
| 7.000 | 700        | 20         | 28.090    | -0.220    | 0.000       | 0.01        |                |                 | 0.7        | OK         |
| 7.001 | 701        | 25         | 27.041    | -0.219    | 0.000       | 0.01        |                |                 | 0.7        | OK         |
| 5.004 | 404        | 6          | 26.931    | -1.160    | 0.000       | 0.00        |                | 592             | 3.6        | OK         |
| 1.005 | 405        | 6          | 26.931    | 0.731     | 0.000       | 0.18        |                |                 | 6.5        | SURCHARGED |
| 1.006 | 107        | 5          | 26.998    | 0.973     | 0.000       | 0.11        |                |                 | 3.1        | SURCHARGED |
| 1.007 | 108        | 2          | 25.810    | -0.195    | 0.000       | 0.04        |                |                 | 3.1        | OK         |

|                                                                      |                       |                                                                                     |
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| Micro Drainage                                                       |                       | Network 2020.1.3                                                                    |

### Summary Wizard of 1440 minute 100 year Winter I+40% for Storm

#### Simulation Criteria

Areal Reduction Factor 1.000    Additional Flow - % of Total Flow 0.000  
 Hot Start (mins) 0    MADD Factor \* 10m³/ha Storage 0.000  
 Hot Start Level (mm) 0    Inlet Coefficient 0.800  
 Manhole Headloss Coeff (Global) 0.500    Flow per Person per Day (l/per/day) 0.000  
 Foul Sewage per hectare (l/s) 0.000

Number of Input Hydrographs 0    Number of Offline Controls 0    Number of Time/Area Diagrams 0  
 Number of Online Controls 1    Number of Storage Structures 1    Number of Real Time Controls 0

#### Synthetic Rainfall Details

Rainfall Model    FSR M5-60 (mm) 18.100 Cv (Summer) 1.000  
 Region England and Wales    Ratio R 0.359 Cv (Winter) 1.000

Margin for Flood Risk Warning (mm) 300.0  
 Analysis Timestep 2.5 Second Increment (Extended)  
 DTS Status OFF  
 DVD Status ON  
 Inertia Status ON

Profile(s) Summer and Winter  
 Duration(s) (mins) 15, 30, 60, 120, 180, 240, 360, 480, 600, 720, 960, 1440  
 Return Period(s) (years) 1, 2, 5, 30, 100  
 Climate Change (%) 0, 0, 0, 0, 40

|       |       |       | Water  | Surcharged | Flooded |        |          |  | Half Drain | Pipe  |            |
|-------|-------|-------|--------|------------|---------|--------|----------|--|------------|-------|------------|
|       | US/MH | Storm | Level  | Depth      | Volume  | Flow / | Overflow |  | Time       | Flow  |            |
| PN    | Name  | Rank  | (m)    | (m)        | (m³)    | Cap.   | (l/s)    |  | (mins)     | (l/s) | Status     |
| 1.000 | 100   | 1     | 29.302 | -0.148     | 0.000   | 0.00   |          |  |            | 0.1   | OK         |
| 1.001 | 101   | 7     | 28.059 | -0.291     | 0.000   | 0.01   |          |  |            | 1.3   | OK         |
| 2.000 | 600   | 1     | 29.064 | -0.146     | 0.000   | 0.01   |          |  |            | 0.4   | OK         |
| 1.002 | 102   | 2     | 28.005 | 0.535      | 0.000   | 0.01   |          |  |            | 2.7   | SURCHARGED |
| 1.003 | 104   | 2     | 28.004 | 1.074      | 0.000   | 0.02   |          |  |            | 3.4   | SURCHARGED |
| 3.000 | 200   | 1     | 28.970 | -0.130     | 0.000   | 0.04   |          |  |            | 0.8   | OK         |
| 3.001 | 201   | 1     | 28.682 | -0.268     | 0.000   | 0.03   |          |  |            | 1.6   | OK         |
| 3.002 | 202   | 5     | 28.552 | -0.288     | 0.000   | 0.01   |          |  |            | 2.3   | OK         |
| 4.000 | 300   | 4     | 28.005 | -0.100     | 0.000   | 0.02   |          |  |            | 1.6   | OK         |
| 3.003 | 203   | 2     | 28.005 | 0.275      | 0.000   | 0.02   |          |  |            | 4.4   | SURCHARGED |
| 1.004 | 105   | 2     | 28.004 | 1.504      | 0.000   | 0.06   |          |  |            | 7.7   | SURCHARGED |
| 5.000 | 400   | 6     | 29.060 | -0.090     | 0.000   | 0.02   |          |  |            | 0.1   | OK         |
| 5.001 | 401   | 8     | 28.828 | -0.142     | 0.000   | 0.01   |          |  |            | 0.5   | OK         |
| 5.002 | 402   | 10    | 28.006 | -0.069     | 0.000   | 0.01   |          |  |            | 0.7   | OK         |
| 6.000 | 500   | 40    | 28.008 | -0.132     | 0.000   | 0.02   |          |  |            | 0.4   | OK         |
| 6.001 | 501   | 17    | 28.008 | 0.043      | 0.000   | 0.06   |          |  |            | 0.8   | SURCHARGED |
| 6.002 | 502   | 2     | 28.007 | 0.252      | 0.000   | 0.02   |          |  |            | 0.9   | SURCHARGED |
| 6.003 | 503   | 2     | 28.007 | 0.367      | 0.000   | 0.06   |          |  |            | 2.3   | SURCHARGED |
| 5.003 | 403   | 2     | 28.005 | 0.475      | 0.000   | 0.02   |          |  |            | 3.9   | SURCHARGED |
| 7.000 | 700   | 7     | 28.095 | -0.215     | 0.000   | 0.01   |          |  |            | 1.2   | OK         |
| 7.001 | 701   | 2     | 28.005 | 0.745      | 0.000   | 0.01   |          |  |            | 1.2   | SURCHARGED |
| 5.004 | 404   | 2     | 28.004 | -0.087     | 0.000   | 0.00   |          |  | 1063       | 6.3   | OK         |
| 1.005 | 405   | 2     | 28.004 | 1.804      | 0.000   | 0.22   |          |  |            | 7.7   | SURCHARGED |
| 1.006 | 107   | 2     | 28.066 | 2.041      | 0.000   | 0.15   |          |  |            | 4.2   | SURCHARGED |
| 1.007 | 108   | 120   | 25.814 | -0.191     | 0.000   | 0.06   |          |  |            | 4.2   | OK         |