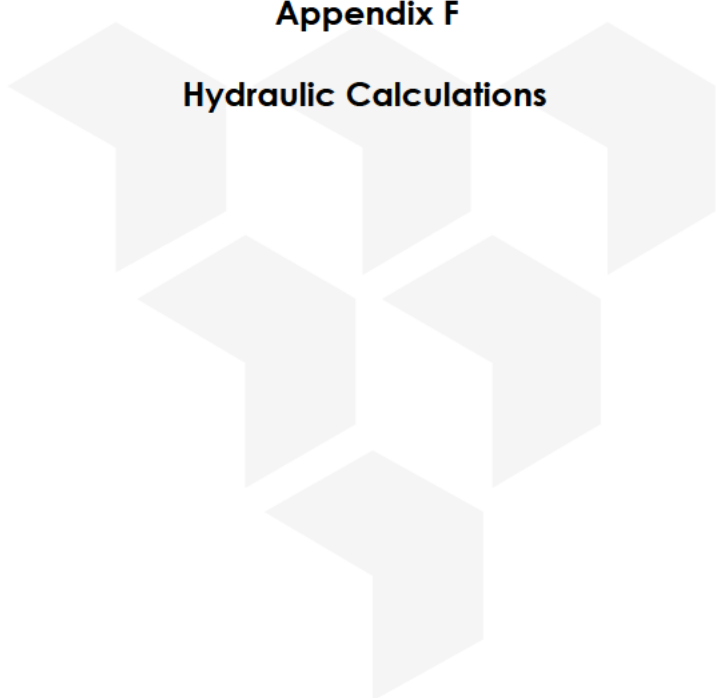




## **Appendix F**

### **Hydraulic Calculations**

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**RMA1 - Sec. Road 1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.047 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**RMA1 - Sec. Road 2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S14.13.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.8.6\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.1\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.1\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.12.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.12.0\_A5

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S22.0.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S21.0.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S20.0.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.12.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.11.0\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.6\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S18.0.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.13.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.6\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.2\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |



**IMP\_S14.8.1\_A7**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



**IMP\_S14.11.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



**IMP\_S14.11.0\_A7**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |



**IMP\_S14.11.0\_A10**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



**IMP\_S18.0.0\_A7**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S18.0.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S20.0.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S21.0.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S17.0.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S17.0.1\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S17.0.1\_A14

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S17.0.2\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.8.6\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.6\_A15

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S17.0.1\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S17.0.2\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.8.6\_A13

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.6\_A12

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S17.0.2\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S22.0.0\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.11.0\_A5

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.11.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.11.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S17.0.1\_A12

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.8.6\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.6\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.4\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.8.4\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.4\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.6\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.8.2\_A9

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.4\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S20.0.0\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S20.0.0\_A5

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S20.0.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S21.0.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.8.4\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.4\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S17.0.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |

  
**DRN**



**IMP\_S18.0.0\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S17.0.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S14.8.4\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S18.0.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.7\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S15.2.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.7.1\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.7.1\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S17.0.1\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S17.0.2\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S16.0.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S16.0.0\_A13

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.5.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.2.3\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.2.1\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.3.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.4.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.5.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.8\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S15.5.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.5.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.3\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.0.3\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.4.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.2\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.0.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S16.0.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.2.4\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S16.0.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S16.0.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.1.0\_A5

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.3.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.8.3\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.8.2\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S15.1.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.8.2\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S15.1.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.2.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.3.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.4.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.8.1\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S15.4.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.7\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.0.8\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S15.7.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.7.1\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S17.0.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.5.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.7.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.6.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |



**IMP\_S14.0.1\_A6**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S14.0.1\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S14.0.1\_A12**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.1\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.1\_A15

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.3\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.3\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.0.3\_A14

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.0.5\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.7\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.0.6\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.0.5\_A4

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.8\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.0.8\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S15.7.1\_A14

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.10.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.9\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S15.7.1\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |

  
**DRN**



**IMP\_S16.0.0\_A14**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S17.0.0\_A8**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S16.0.0\_A10**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S15.10.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.11.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S14.1.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |



IMP\_S14.2.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.2.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.2.0\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.3.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.3.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.8.2\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.8.1\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.3.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.5.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |

  
**DRN**



**IMP\_S14.6.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



**IMP\_S14.6.0\_A7**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



**IMP\_S14.6.0\_A10**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.6.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S17.0.1\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.2.2\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |



**IMP\_S17.0.2\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.3.0\_A11**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S14.8.4\_A10**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.8.4\_A13

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.4\_A17

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S15.4.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.7.1\_A12

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.7.1\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S17.0.2\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.10.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.10.1\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.10.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.4\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.0.3\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.5.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.7.1\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.2.0\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.6.0\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.0.1\_A13

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.7.1\_A15

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.1\_A10

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.1\_A7

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.5.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.3.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.7.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S15.11.0\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.3\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.0.0\_A3

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.2.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.2.0\_A8

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.6.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.043 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.8.4\_A15

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.8.0\_A18

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.8.4\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.4\_A14

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S17.0.1\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.3.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.3.0\_A12

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |



**IMP\_S15.4.0\_A6**

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S14.2.0\_A5**

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S14.1.0\_A2**

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.8.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.3\_A12

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.6.0\_A5

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.9.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.9.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.8.0\_A15

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |

  
**DRN**



**IMP\_S15.8.0\_A13**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.8.0\_A10**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.8.0\_A1\_2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.1\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S16.0.0\_A15

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.12.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S18.0.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.7\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.0.3\_A5

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S15.8.0\_A17**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.8.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.8.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.8.0\_A12

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.8.0\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.8\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S15.8.0\_A1\_1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |

  
**DRN**



**IMP\_S15.0.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.8.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S17.0.1\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |



**IMP\_S17.0.1\_A8**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S16.0.0\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S17.0.0\_A9**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S16.0.0\_A11**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.8.0\_A7**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.8.0\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S15.8.0\_A14**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.7.1\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S14.8.1\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.12.5\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A20

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A21

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.12.2\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.11.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.11.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S8.11.0\_A10**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S4.2.1\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S9.2.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.0.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.8.0\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A17

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A21

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.11.0\_A12

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.3.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.12.1\_A3

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S8.12.1\_A2**

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.12.0\_A7**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S13.0.0\_A7**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S13.0.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S13.0.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S23.4.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S23.4.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



IMP\_S8.3.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.16.0\_A15

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.14.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.12.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.13.0\_A4

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.14.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.14.0\_A4

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |



DRN



**IMP\_S8.14.0\_A7**

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.15.0\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S9.3.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S9.2.1\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S9.2.0\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S9.2.0\_A6**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.2.1\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.2.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.11.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_C12\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.037 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



IMP\_S8.10.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.10.1\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.1.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.3.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S12.0.1\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A29

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.16.0\_A26

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A32

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A14

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S7.0.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S6.0.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S8.16.0\_A7**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.16.4\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.12.7\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S8.15.0\_A11**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.15.0\_A14**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.14.0\_A9**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.13.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A13

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |



**IMP\_S12.0.3\_A12**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S12.0.3\_A8**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S9.2.1\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.2.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.2.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S12.0.1\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S12.0.2\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S12.0.3\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.0.1\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S2.4.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S2.4.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S2.4.0\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |

  
**DRN**



**IMP\_S4.2.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S4.2.0\_A7**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S4.2.0\_A11**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S4.2.0\_A15

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S4.2.1\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.1.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |



DRN



**IMP\_S9.0.3\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.3.0\_A8**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S9.0.1\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.0.4\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.5\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.5\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.6.1\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A23

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A17

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.15.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.15.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.13.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.12.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A14

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.10.2\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.11.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.10.1\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.12.5\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.12.2\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.12.3\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.12.5\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A30

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.2.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |



**IMP\_S8.3.0\_A13**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S4.2.0\_A17**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S4.2.0\_A16**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S4.2.0\_A13

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S4.2.0\_A12

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S4.2.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S4.2.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S4.2.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S10.0.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.035 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S12.0.1\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S12.0.2\_A2**

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S12.0.3\_A2**

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S12.0.3\_A6**

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.3.0\_A11**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S23.2.0\_A9**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.12.4\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.1\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.12.6\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.1.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.075 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.15.0\_A12

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.14.0\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.14.0\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.15.0\_A16

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S4.2.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S8.6.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.16.1\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.16.0\_A11**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S13.0.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S8.16.4\_A4

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.2\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.11.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S6.0.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S2.4.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S2.4.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S2.4.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.0.2\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |

  
**DRN**



**IMP\_S2.4.0\_A8**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.0.1\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S2.5.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.0.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.081 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S12.0.3\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.3.0\_A15

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S23.5.0\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



IMP\_S8.13.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S23.9.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S23.9.0\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



**IMP\_S9.0.3\_A9**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S23.5.0\_A8**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S8.0.0\_A10**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.0.0\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.0.0\_A8**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |

  
**DRN**



**IMP\_S8.2.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.2.0\_A6**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.7.2\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.5.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.7.1\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.3\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S5.0.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.043 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.3\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.3\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |

  
**DRN**



**IMP\_S9.0.4\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S9.0.4\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S9.0.5\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S9.0.5\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.6.1\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S9.0.2\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.17.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A18

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.15.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.0.3\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.3\_A13

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.11.0\_A14

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.0.5\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S8.8.0\_A15**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.8.0\_A18**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.8.0\_A22**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.9.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.9.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A12

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S23.5.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S23.9.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



IMP\_S8.16.0\_A24

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S23.2.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S23.2.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



IMP\_S4.3.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.5.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.2.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.3.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.17.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.5.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S23.2.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



IMP\_S23.2.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S23.9.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



**IMP\_S23.9.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



**IMP\_S9.0.3\_A8**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.5.0\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.3.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.5.0\_A14

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S9.0.3\_A12**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.10.2\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S13.0.0\_A8**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S12.0.3\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S10.0.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.098 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A5

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |

  
**DRN**



**IMP\_S8.10.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.5.0\_A6**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.15.0\_A15**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.16.0\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A28

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A19

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.8.0\_A23

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.11.0\_A13

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.12.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.0.5\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.4\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.3\_A14

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.0.3\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.15.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S12.0.3\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.2.0\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.2.1\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S7.0.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.7.1\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.7.2\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S23.5.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |



DRN



**IMP\_S8.5.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.5.0\_A12**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.2.0\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |



IMP\_S8.2.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.0.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S23.5.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S2.4.0\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S2.4.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S2.4.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S6.0.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.003 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S7.0.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.003 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.0.1\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |



**IMP\_S9.3.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S9.2.0\_A7**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S9.2.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.2.1\_A3

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S12.0.1\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S12.0.2\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S12.0.3\_A3

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S12.0.3\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S12.0.3\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S23.2.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



**IMP\_S23.2.0\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



**IMP\_S23.2.0\_A8**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S23.3.0\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



IMP\_S23.5.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



IMP\_S23.5.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.3.0\_A14

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.3.0\_A12

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S4.2.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S4.2.0\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S4.2.0\_A14

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S4.2.1\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S23.5.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



IMP\_S23.5.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.1                   |



IMP\_S8.5.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.5.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.5.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.3.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S8.3.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.3.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.1.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.5.0\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.5.0\_A13

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.4\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.0.3\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.3\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.1\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.0.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.0.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.0.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.8.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.8.0\_A13

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.1\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S8.16.0\_A22**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.16.0\_A19**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.16.0\_A16**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.15.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.15.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.15.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.14.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.14.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.13.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S8.12.0\_A2**

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.11.0\_A11**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.8.0\_A24**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.8.0\_A20

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.8.0\_A16

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.6.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.6.1\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.5\_A8

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S9.0.5\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.10.2\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.10.1\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.10.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.11.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.11.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.11.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S8.12.5\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.12.5\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.12.3\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S8.12.2\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.12.7\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.12.0\_A6**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |

  
**DRN**



**IMP\_S8.14.0\_A8**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.013 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.15.0\_A10**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.15.0\_A13**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.012 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S8.16.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.16.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



**IMP\_S8.16.0\_A6**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.16.4\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A12

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.003 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.16.0\_A25

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A27

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.16.0\_A31

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S13.0.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S13.0.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.5.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S14.4.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S14.3.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S14.3.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |



DRN



**IMP\_S14.2.0\_A9**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S14.2.0\_A6**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S14.2.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.1.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.6.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.6.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.6.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.1\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.2\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.8.2\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.3\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S15.3.0\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.3.0\_A3

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.2.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.1.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S14.8.1\_A6**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



**IMP\_S14.8.2\_A7**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



**IMP\_S14.11.0\_A3**

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.11.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.11.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.6\_A7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.8.6\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.6\_A14

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.6\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S17.0.2\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S17.0.1\_A13

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S17.0.1\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S17.0.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S18.0.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S18.0.0\_A6**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |

  
**DRN**



**IMP\_S20.0.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S20.0.0\_A6**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S21.0.0\_A2**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.012 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |

  
**DRN**



**IMP\_S21.0.0\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S22.0.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S14.12.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.13.0\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.4\_A16

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S17.0.2\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S17.0.1\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S17.0.1\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S16.0.0\_A6

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S16.0.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.2.2\_A2

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.3.0\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.4.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.8.4\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |



IMP\_S14.8.4\_A12

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 9.5                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S18.0.0\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S17.0.0\_A7

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S16.0.0\_A12

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S16.0.0\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.0.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.5.0\_A9

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.11.0\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.10.0\_A3

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.0\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.1\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.1\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.1\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.1\_A11

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.1\_A14

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.3\_A3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.3\_A6

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.0.3\_A10

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S15.5.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S15.5.0\_A4**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.6.0\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.7.0\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S15.7.1\_A3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.7.1\_A7**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



**IMP\_S15.7.1\_A10**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.7.1\_A13

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.3\_A13

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.0.5\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S14.0.7\_A2**

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



**IMP\_S14.0.7\_A5**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



**IMP\_S15.8.0\_A16**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.9.0\_A4

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S15.10.0\_A6

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 8.4                   |



IMP\_S14.0.8\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.8\_A5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S14.0.8\_A8

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 10                    |



IMP\_S2.4.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.017 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S2.5.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S12.0.3\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.035 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S12.0.2\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S12.0.0

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.048 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.17.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.017 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_C12\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.038 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S23.1.0**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.016 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S23.2.0\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.055 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S23.3.0\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S23.4.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S23.9.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.024 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.4.2\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.012 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S4.2.1\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.003 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S4.2.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.024 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S4.3.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.025 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S8.3.0\_A10**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.022 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S8.2.0\_A8**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.023 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S9.0.1\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.024 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.10.1\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.10.2\_A1

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.7.1\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.014 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.7.2\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.017 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S10.0.1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.043 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.0.2\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.0.1\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.068 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S9.2.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.036 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S9.1.1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.037 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.1.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.161 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S9.3.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S9.2.1\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.032 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.0.2\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.0.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S15.1.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.024 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.2.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.012 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S15.2.1\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S15.2.4\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.2.3\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S15.2.2\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.003 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S15.3.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.026 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.4.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.015 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.2.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.027 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.5.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.4.0\_A1

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.3.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.019 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.1.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.011 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.0.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.066 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S17.0.1\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.027 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S19.0.0

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.022 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S20.0.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.025 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S21.0.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.027 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S22.0.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S18.0.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.039 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S17.0.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.057 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S17.0.2\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.014 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S16.0.0\_A1

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.05 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.0.2\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.035 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S13.0.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.059 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.8.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.082 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S15.12.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S15.10.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.028 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.10.1\_A1

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S15.10.2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S15.11.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.012 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S15.9.0\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.031 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S15.7.0\_A1**

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.03 |
|-----------|------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S15.7.1\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.028 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S15.5.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.046 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_Pond 2d

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.118 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.0.4\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.0.5\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.0.6\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.0.7\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.013 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S14.0.8\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.021 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S14.0.9\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S14.0.3\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.043 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_Pond 2b

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.13.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.11.0\_A1

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.02 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**IMP\_S14.12.0\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.023 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S14.8.1\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.042 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S14.8.2\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.013 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.8.3\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.024 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.8.5

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.023 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.8.4\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.047 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S14.8.0

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.013 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.8.7

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.022 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.8.6\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.042 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S14.7.0\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.003 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S14.6.0\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.015 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S11.0.0**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.057 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.0.2\_A1

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.01 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S4.1.0

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.057 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S4.0.0

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.032 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S5.0.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.025 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S6.0.0\_A1

Type : Catchment Area

|           |      |
|-----------|------|
| Area (ha) | 0.03 |
|-----------|------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S7.0.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.019 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.0.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.102 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.1.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.013 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.2.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.051 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S8.3.0\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.038 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S23.5.0\_A11**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.015 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S9.0.4\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.028 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.0.3\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.049 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S23.5.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.014 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S9.0.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.046 |
|-----------|-------|

Dynamic Sizing

---

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S9.0.5\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.021 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.5.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.048 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.6.1\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





**IMP\_S8.6.0\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.018 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S8.7.0**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.022 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S8.8.0\_A1**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.051 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.10.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.014 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.11.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.026 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.12.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.059 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.12.7\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.002 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.12.6\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.12.1\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.022 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.12.2\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.12.3\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.003 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.12.4\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.005 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.12.5\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.008 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.14.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.022 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.15.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.033 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.16.2\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.16.4\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.007 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.16.3

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.16.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.078 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.13.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.015 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S8.9.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.009 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S8.16.1\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.019 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.0.1\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.006 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S14.0.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.094 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |





IMP\_S10.0.0\_A1

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.085 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



IMP\_S4.2.0\_A2

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.004 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 7.2                   |



IMP\_S8.4.0

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.012 |
|-----------|-------|

Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflows<br>Storm Phase: Phase                       | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |



**IMP\_C13**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.045 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



**IMP\_S15.8.0\_A1\_3**

Type : Catchment Area

|           |       |
|-----------|-------|
| Area (ha) | 0.021 |
|-----------|-------|

#### Dynamic Sizing

| Runoff Method                | Time of Concentration |
|------------------------------|-----------------------|
| Summer Volumetric Runoff     | 1.000                 |
| Winter Volumetric Runoff     | 1.000                 |
| Time of Concentration (mins) | 5                     |
| Percentage Impervious (%)    | 100                   |
| Urban Creep (%)              | 0                     |



|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name    | Junction Type | Easting (m) | Northing (m) | Cover Level (m) | Depth (m) | Invert Level (m) | Chamber Shape | Diameter (m) |
|---------|---------------|-------------|--------------|-----------------|-----------|------------------|---------------|--------------|
| S2.2.0  | Manhole       | 519492.411  | 133824.976   | 56.315          | 2.025     | 54.290           | Circular      | 2.400        |
| S2.1.1  | Manhole       | 519481.429  | 133802.264   | 56.350          | 2.360     | 53.990           | Circular      | 2.400        |
| HW 2.1  | Manhole       | 519486.842  | 133780.053   | 54.700          | 0.790     | 53.910           | Circular      | 1.200        |
| S2.1.0  | Manhole       | 519489.867  | 133784.851   | 54.830          | 0.900     | 53.930           | Circular      | 1.500        |
| S2.3.0  | Manhole       | 519571.950  | 133836.343   | 56.500          | 1.900     | 54.600           | Circular      | 1.200        |
| S2.1.3  | Manhole       | 519473.481  | 133816.711   | 56.000          | 1.335     | 54.665           | Circular      | 1.200        |
| S2.1.2  | Manhole       | 519467.413  | 133804.540   | 55.830          | 1.240     | 54.590           | Circular      | 1.200        |
| S2.4.0  | Manhole       | 519574.120  | 133840.847   | 56.490          | 1.865     | 54.625           | Circular      | 1.200        |
| S2.5.0  | Manhole       | 519541.902  | 133856.368   | 56.800          | 1.860     | 54.940           | Circular      | 1.200        |
| S5.0.0  | Manhole       | 519512.288  | 133854.017   | 56.680          | 2.100     | 54.580           | Circular      | 1.200        |
| S4.0.0  | Manhole       | 519490.104  | 133834.237   | 56.165          | 1.855     | 54.310           | Circular      | 1.200        |
| S4.1.0  | Manhole       | 519482.754  | 133842.473   | 56.590          | 1.715     | 54.875           | Circular      | 1.200        |
| S4.1.1  | Manhole       | 519510.777  | 133867.446   | 57.240          | 1.125     | 56.115           | Circular      | 1.200        |
| S4.2.0  | Manhole       | 519456.438  | 133819.021   | 55.980          | 0.985     | 54.995           | Circular      | 1.200        |
| S6.0.0  | Manhole       | 519528.952  | 133868.874   | 57.075          | 2.350     | 54.725           | Circular      | 1.200        |
| S7.0.0  | Manhole       | 519539.113  | 133880.366   | 57.350          | 2.525     | 54.825           | Circular      | 1.200        |
| S8.0.0  | Manhole       | 519548.121  | 133895.225   | 57.660          | 2.720     | 54.940           | Circular      | 1.200        |
| S9.0.0  | Manhole       | 519553.053  | 133907.149   | 57.885          | 2.880     | 55.005           | Circular      | 1.200        |
| S9.0.1  | Manhole       | 519601.700  | 133897.339   | 57.705          | 2.030     | 55.675           | Circular      | 1.200        |
| S9.0.2  | Manhole       | 519591.222  | 133865.537   | 56.915          | 0.940     | 55.975           | Circular      | 1.200        |
| S9.1.0  | Manhole       | 519546.708  | 133912.819   | 58.055          | 2.785     | 55.270           | Circular      | 1.200        |
| S9.2.0  | Manhole       | 519532.566  | 133916.965   | 58.050          | 2.665     | 55.385           | Circular      | 1.200        |
| S9.3.0  | Manhole       | 519490.552  | 133909.561   | 57.600          | 1.810     | 55.790           | Circular      | 1.200        |
| S9.4.0  | Manhole       | 519448.122  | 133908.387   | 58.060          | 1.940     | 56.120           | Circular      | 1.200        |
| S24.6.0 | Manhole       | 519444.298  | 133905.660   | 58.080          | 2.615     | 55.465           | Circular      | 1.200        |
| S24.7.0 | Manhole       | 519451.880  | 133900.303   | 57.970          | 2.365     | 55.605           | Circular      | 1.200        |
| S24.5.0 | Manhole       | 519418.685  | 133894.446   | 58.190          | 2.850     | 55.340           | Circular      | 1.200        |
| S9.5.0  | Manhole       | 519439.913  | 133913.680   | 58.290          | 2.010     | 56.280           | Circular      | 1.200        |
| S9.6.0  | Manhole       | 519439.921  | 133965.430   | 59.900          | 3.140     | 56.760           | Circular      | 1.200        |
| S9.6.1  | Manhole       | 519457.160  | 133965.390   | 59.740          | 1.425     | 58.315           | Circular      | 1.200        |
| S9.7.0  | Manhole       | 519414.604  | 133965.489   | 59.575          | 2.030     | 57.545           | Circular      | 1.200        |
| S9.7.1  | Manhole       | 519402.685  | 133963.592   | 59.645          | 1.645     | 58.000           | Circular      | 1.200        |
| S9.7.2  | Manhole       | 519387.718  | 133963.592   | 59.475          | 1.125     | 58.350           | Circular      | 1.200        |
| S9.8.0  | Manhole       | 519406.945  | 133972.671   | 59.690          | 1.880     | 57.810           | Circular      | 1.200        |
| S9.9.0  | Manhole       | 519406.945  | 134025.273   | 60.955          | 1.995     | 58.960           | Circular      | 1.200        |
| S9.10.0 | Manhole       | 519412.399  | 134033.352   | 61.165          | 2.170     | 58.995           | Circular      | 1.200        |
| S9.10.1 | Manhole       | 519406.749  | 134036.195   | 61.315          | 1.790     | 59.525           | Circular      | 1.200        |
| S9.10.2 | Manhole       | 519385.068  | 134036.210   | 61.410          | 1.125     | 60.285           | Circular      | 1.200        |
| S9.11.0 | Manhole       | 519425.882  | 134034.372   | 61.385          | 2.345     | 59.040           | Circular      | 1.200        |
| S9.12.0 | Manhole       | 519460.526  | 134030.942   | 61.725          | 2.565     | 59.160           | Circular      | 1.200        |
| S9.12.1 | Manhole       | 519460.526  | 134087.797   | 62.840          | 2.190     | 60.650           | Circular      | 1.200        |
| S9.12.2 | Manhole       | 519446.318  | 134093.466   | 63.145          | 2.080     | 61.065           | Circular      | 1.200        |
| S9.12.3 | Manhole       | 519431.584  | 134090.135   | 63.220          | 1.820     | 61.400           | Circular      | 1.200        |
| S9.12.4 | Manhole       | 519421.825  | 134085.136   | 63.100          | 1.455     | 61.645           | Circular      | 1.200        |
| S9.12.5 | Manhole       | 519403.747  | 134080.421   | 62.910          | 1.125     | 61.785           | Circular      | 1.200        |
| S9.12.6 | Manhole       | 519473.526  | 134090.199   | 62.940          | 1.530     | 61.410           | Circular      | 1.200        |
| S9.12.7 | Manhole       | 519483.005  | 134095.852   | 63.085          | 1.125     | 61.960           | Circular      | 1.200        |
| S9.13.0 | Manhole       | 519479.976  | 134030.850   | 61.660          | 2.335     | 59.325           | Circular      | 1.200        |
| S9.14.0 | Manhole       | 519501.368  | 134037.894   | 61.440          | 2.015     | 59.425           | Circular      | 1.200        |
| S9.15.0 | Manhole       | 519514.635  | 134046.053   | 61.285          | 1.790     | 59.495           | Circular      | 1.200        |
| S9.16.0 | Manhole       | 519532.943  | 134062.565   | 61.255          | 1.650     | 59.605           | Circular      | 1.200        |
| S9.16.1 | Manhole       | 519531.623  | 134117.840   | 62.570          | 1.425     | 61.145           | Circular      | 1.200        |
| S9.16.2 | Manhole       | 519518.179  | 134117.519   | 62.865          | 1.380     | 61.485           | Circular      | 1.200        |
| S9.16.3 | Manhole       | 519507.540  | 134116.574   | 63.140          | 1.385     | 61.755           | Circular      | 1.200        |
| S9.16.4 | Manhole       | 519493.602  | 134110.104   | 63.260          | 1.125     | 62.135           | Circular      | 1.200        |
| S9.17.0 | Manhole       | 519573.610  | 134063.652   | 61.890          | 1.785     | 60.105           | Circular      | 1.200        |
| S10.0.0 | Manhole       | 519565.633  | 133969.161   | 59.765          | 3.295     | 56.470           | Circular      | 1.200        |
| S10.0.1 | Manhole       | 519560.775  | 133975.464   | 59.865          | 2.895     | 56.970           | Circular      | 1.200        |

|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

|              |         |            |            |        |       |        |          |       |
|--------------|---------|------------|------------|--------|-------|--------|----------|-------|
| S10.0.2      | Manhole | 519536.172 | 133980.455 | 59.285 | 1.680 | 57.605 | Circular | 1.200 |
| S10.0.3      | Manhole | 519528.159 | 133979.932 | 59.240 | 1.460 | 57.780 | Circular | 1.200 |
| S10.0.4      | Manhole | 519490.677 | 133967.608 | 59.595 | 1.420 | 58.175 | Circular | 1.200 |
| S10.0.5      | Manhole | 519474.870 | 133965.704 | 59.760 | 1.425 | 58.335 | Circular | 1.200 |
| S10.1.0      | Manhole | 519624.307 | 133957.278 | 59.185 | 2.145 | 57.040 | Circular | 1.200 |
| S10.1.1      | Manhole | 519651.923 | 133951.685 | 58.730 | 1.425 | 57.305 | Circular | 1.200 |
| S10.2.0      | Manhole | 519638.094 | 134025.235 | 60.990 | 2.475 | 58.515 | Circular | 1.200 |
| S10.2.1      | Manhole | 519669.076 | 134018.950 | 60.230 | 1.425 | 58.805 | Circular | 1.200 |
| S10.3.0      | Manhole | 519600.026 | 134032.958 | 61.445 | 1.425 | 60.020 | Circular | 1.200 |
| S11.0.0      | Manhole | 519576.668 | 134002.242 | 60.805 | 3.795 | 57.010 | Circular | 1.200 |
| S11.0.1      | Manhole | 519542.916 | 134014.643 | 60.250 | 1.425 | 58.825 | Circular | 1.200 |
| S12.0.0      | Manhole | 519589.212 | 134036.389 | 61.660 | 4.090 | 57.570 | Circular | 1.200 |
| S13.0.0      | Manhole | 519588.401 | 134083.794 | 62.265 | 3.985 | 58.280 | Circular | 1.200 |
| S13.0.1      | Manhole | 519628.645 | 134084.955 | 62.515 | 3.590 | 58.925 | Circular | 1.200 |
| S13.0.2      | Manhole | 519642.340 | 134083.239 | 62.305 | 3.285 | 59.020 | Circular | 1.200 |
| S13.0.3      | Manhole | 519687.997 | 134068.644 | 60.765 | 1.425 | 59.340 | Circular | 1.200 |
| S14.0.0 (FC) | Manhole | 519586.839 | 134097.090 | 62.395 | 3.575 | 58.820 | Circular | 1.200 |
| S15.0.0      | Manhole | 519573.948 | 134138.129 | 63.600 | 3.070 | 60.530 | Circular | 1.200 |
| S15.0.1      | Manhole | 519605.123 | 134147.187 | 63.280 | 2.490 | 60.790 | Circular | 1.200 |
| S15.0.2 (FC) | Manhole | 519652.171 | 134159.209 | 62.575 | 1.620 | 60.955 | Circular | 1.200 |
| S15.0.3      | Manhole | 519681.063 | 134173.409 | 63.120 | 1.575 | 61.545 | Circular | 1.200 |
| S15.0.4      | Manhole | 519684.707 | 134243.545 | 65.075 | 1.500 | 63.575 | Circular | 1.200 |
| S15.0.5      | Manhole | 519679.629 | 134251.448 | 65.500 | 1.500 | 64.000 | Circular | 1.200 |
| S15.0.6      | Manhole | 519669.823 | 134261.061 | 66.180 | 1.500 | 64.680 | Circular | 1.200 |
| S15.0.7      | Manhole | 519661.282 | 134275.642 | 67.030 | 1.505 | 65.525 | Circular | 1.200 |
| S15.0.8      | Manhole | 519652.617 | 134299.626 | 68.275 | 1.440 | 66.835 | Circular | 1.200 |
| S15.0.9      | Manhole | 519630.598 | 134331.902 | 70.150 | 1.425 | 68.725 | Circular | 1.200 |
| S15.1.0      | Manhole | 519566.042 | 134140.568 | 63.510 | 2.735 | 60.775 | Circular | 1.200 |
| S15.2.0      | Manhole | 519550.788 | 134136.704 | 63.670 | 2.720 | 60.950 | Circular | 1.200 |
| S15.3.0      | Manhole | 519502.160 | 134131.356 | 64.160 | 2.665 | 61.495 | Circular | 1.200 |
| S15.4.0      | Manhole | 519484.004 | 134128.014 | 64.345 | 2.645 | 61.700 | Circular | 1.200 |
| S15.5.0 (FC) | Manhole | 519468.978 | 134130.150 | 64.500 | 2.630 | 61.870 | Circular | 1.200 |
| S15.6.0      | Manhole | 519414.321 | 134131.753 | 64.630 | 1.755 | 62.875 | Circular | 1.200 |
| S15.7.0      | Manhole | 519408.014 | 134166.798 | 65.945 | 1.645 | 64.300 | Circular | 1.200 |
| S15.8.0      | Manhole | 519407.379 | 134179.370 | 66.365 | 1.575 | 64.790 | Circular | 1.200 |
| S15.8.1      | Manhole | 519425.096 | 134181.905 | 66.655 | 1.580 | 65.075 | Circular | 1.200 |
| S15.8.2      | Manhole | 519454.076 | 134181.726 | 66.915 | 1.500 | 65.415 | Circular | 1.200 |
| S15.8.3      | Manhole | 519467.600 | 134183.155 | 67.045 | 1.500 | 65.545 | Circular | 1.200 |
| S15.8.4      | Manhole | 519464.823 | 134209.453 | 68.095 | 1.500 | 66.595 | Circular | 1.200 |
| S15.8.5      | Manhole | 519461.805 | 134251.602 | 69.835 | 1.500 | 68.335 | Circular | 1.200 |
| S15.8.6      | Manhole | 519461.656 | 134274.231 | 70.790 | 1.500 | 69.290 | Circular | 1.200 |
| S15.8.7      | Manhole | 519416.138 | 134274.068 | 71.320 | 1.425 | 69.895 | Circular | 1.200 |
| S15.9.0      | Manhole | 519416.166 | 134194.178 | 67.200 | 1.400 | 65.800 | Circular | 1.200 |
| S15.10.0     | Manhole | 519415.233 | 134207.142 | 67.875 | 1.425 | 66.450 | Circular | 1.200 |
| S15.11.0     | Manhole | 519407.353 | 134212.911 | 68.365 | 1.425 | 66.940 | Circular | 1.200 |
| S15.12.0     | Manhole | 519402.520 | 134272.949 | 71.435 | 1.485 | 69.950 | Circular | 1.200 |
| S15.13.0     | Manhole | 519399.509 | 134313.733 | 73.515 | 1.425 | 72.090 | Circular | 1.200 |
| S16.0.0      | Manhole | 519556.308 | 134194.285 | 65.855 | 3.480 | 62.375 | Circular | 1.200 |
| S16.1.0      | Manhole | 519549.605 | 134199.207 | 66.285 | 3.090 | 63.195 | Circular | 1.200 |
| S16.2.0      | Manhole | 519522.787 | 134190.644 | 66.625 | 1.500 | 65.125 | Circular | 1.200 |
| S16.2.1      | Manhole | 519516.556 | 134204.837 | 67.280 | 1.690 | 65.590 | Circular | 1.200 |
| S16.2.2      | Manhole | 519515.203 | 134218.316 | 67.815 | 1.885 | 65.930 | Circular | 1.200 |
| S16.2.3      | Manhole | 519519.275 | 134223.375 | 68.030 | 1.935 | 66.095 | Circular | 1.200 |
| S16.2.4      | Manhole | 519538.668 | 134228.518 | 68.020 | 1.425 | 66.595 | Circular | 1.200 |
| S16.3.0      | Manhole | 519511.832 | 134185.637 | 66.740 | 1.415 | 65.325 | Circular | 1.200 |
| S16.4.0      | Manhole | 519483.637 | 134182.659 | 67.040 | 1.425 | 65.615 | Circular | 1.200 |
| S16.5.0      | Manhole | 519566.823 | 134197.587 | 65.720 | 3.230 | 62.490 | Circular | 1.200 |
| S16.6.0      | Manhole | 519602.824 | 134202.994 | 65.165 | 2.550 | 62.615 | Circular | 1.200 |
| S16.7.0      | Manhole | 519616.927 | 134206.595 | 64.950 | 2.285 | 62.665 | Circular | 1.200 |
| S16.7.1      | Manhole | 519644.949 | 134213.750 | 64.510 | 1.500 | 63.010 | Circular | 1.200 |

|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

|                  |         |            |            |        |       |        |          |       |
|------------------|---------|------------|------------|--------|-------|--------|----------|-------|
| S16.8.0          | Manhole | 519611.528 | 134227.741 | 65.725 | 1.890 | 63.835 | Circular | 1.200 |
| S16.10.0         | Manhole | 519587.607 | 134303.032 | 68.885 | 1.500 | 67.385 | Circular | 1.200 |
| S16.11.0         | Manhole | 519579.826 | 134333.532 | 70.130 | 1.585 | 68.545 | Circular | 1.200 |
| S16.11.1         | Manhole | 519601.411 | 134339.038 | 70.150 | 1.380 | 68.770 | Circular | 1.200 |
| S16.11.2         | Manhole | 519616.045 | 134339.131 | 70.295 | 1.425 | 68.870 | Circular | 1.200 |
| S16.12.0         | Manhole | 519561.030 | 134328.973 | 70.410 | 1.425 | 68.985 | Circular | 1.200 |
| S16.13.0         | Manhole | 519544.754 | 134327.951 | 70.995 | 1.425 | 69.570 | Circular | 1.200 |
| S17.0.0          | Manhole | 519544.009 | 134240.993 | 68.225 | 3.015 | 65.210 | Circular | 1.200 |
| S18.0.0          | Manhole | 519534.005 | 134272.490 | 69.855 | 2.805 | 67.050 | Circular | 1.200 |
| S18.0.1          | Manhole | 519506.823 | 134272.490 | 70.270 | 2.095 | 68.175 | Circular | 1.200 |
| S18.0.2          | Manhole | 519478.156 | 134273.823 | 70.600 | 1.425 | 69.175 | Circular | 1.200 |
| S19.0.0          | Manhole | 519531.142 | 134295.383 | 70.960 | 2.550 | 68.410 | Circular | 1.200 |
| S20.0.0          | Manhole | 519532.049 | 134327.607 | 71.620 | 1.500 | 70.120 | Circular | 1.200 |
| S21.0.0          | Manhole | 519508.979 | 134330.172 | 72.775 | 2.000 | 70.775 | Circular | 1.200 |
| S22.0.0          | Manhole | 519455.567 | 134333.301 | 74.340 | 2.225 | 72.115 | Circular | 1.200 |
| S23.0.0          | Manhole | 519427.540 | 134333.370 | 74.015 | 1.425 | 72.590 | Circular | 1.200 |
| HW24.0 (Outfall) | Manhole | 519442.106 | 133779.021 | 55.030 | 1.460 | 53.570 | Circular | 1.200 |
| S24.0.0          | Manhole | 519442.121 | 133783.851 | 55.140 | 1.520 | 53.620 | Circular | 1.200 |
| S24.1.0 (FC)     | Manhole | 519439.764 | 133799.528 | 55.770 | 1.990 | 53.780 | Circular | 1.200 |
| S24.2.0          | Manhole | 519434.431 | 133812.431 | 56.090 | 2.240 | 53.850 | Circular | 1.200 |
| S24.3.0          | Manhole | 519406.691 | 133879.545 | 57.675 | 2.510 | 55.165 | Circular | 1.200 |
| S24.4.0          | Manhole | 519407.663 | 133888.412 | 57.905 | 2.625 | 55.280 | Circular | 1.200 |
| S24.8.0          | Manhole | 519454.151 | 133884.776 | 57.390 | 1.680 | 55.710 | Circular | 1.200 |
| S24.9.0          | Manhole | 519463.992 | 133869.489 | 56.960 | 1.125 | 55.835 | Circular | 1.200 |
| S16.9.0 (FC)     | Manhole | 519604.978 | 134248.357 | 66.590 | 2.070 | 64.520 | Circular | 1.200 |

| Name    | Lock |
|---------|------|
| S2.2.0  | None |
| S2.1.1  | None |
| HW 2.1  | None |
| S2.1.0  | None |
| S2.3.0  | None |
| S2.1.3  | None |
| S2.1.2  | None |
| S2.4.0  | None |
| S2.5.0  | None |
| S5.0.0  | None |
| S4.0.0  | None |
| S4.1.0  | None |
| S4.1.1  | None |
| S4.2.0  | None |
| S6.0.0  | None |
| S7.0.0  | None |
| S8.0.0  | None |
| S9.0.0  | None |
| S9.0.1  | None |
| S9.0.2  | None |
| S9.1.0  | None |
| S9.2.0  | None |
| S9.3.0  | None |
| S9.4.0  | None |
| S24.6.0 | None |
| S24.7.0 | None |
| S24.5.0 | None |
| S9.5.0  | None |
| S9.6.0  | None |
| S9.6.1  | None |
| S9.7.0  | None |
| S9.7.1  | None |
| S9.7.2  | None |
| S9.8.0  | None |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     | Revision:<br>Rev 1         |                            |                             |



|              |      |
|--------------|------|
| S9.9.0       | None |
| S9.10.0      | None |
| S9.10.1      | None |
| S9.10.2      | None |
| S9.11.0      | None |
| S9.12.0      | None |
| S9.12.1      | None |
| S9.12.2      | None |
| S9.12.3      | None |
| S9.12.4      | None |
| S9.12.5      | None |
| S9.12.6      | None |
| S9.12.7      | None |
| S9.13.0      | None |
| S9.14.0      | None |
| S9.15.0      | None |
| S9.16.0      | None |
| S9.16.1      | None |
| S9.16.2      | None |
| S9.16.3      | None |
| S9.16.4      | None |
| S9.17.0      | None |
| S10.0.0      | None |
| S10.0.1      | None |
| S10.0.2      | None |
| S10.0.3      | None |
| S10.0.4      | None |
| S10.0.5      | None |
| S10.1.0      | None |
| S10.1.1      | None |
| S10.2.0      | None |
| S10.2.1      | None |
| S10.3.0      | None |
| S11.0.0      | None |
| S11.0.1      | None |
| S12.0.0      | None |
| S13.0.0      | None |
| S13.0.1      | None |
| S13.0.2      | None |
| S13.0.3      | None |
| S14.0.0 (FC) | None |
| S15.0.0      | None |
| S15.0.1      | None |
| S15.0.2 (FC) | None |
| S15.0.3      | None |
| S15.0.4      | None |
| S15.0.5      | None |
| S15.0.6      | None |
| S15.0.7      | None |
| S15.0.8      | None |
| S15.0.9      | None |
| S15.1.0      | None |
| S15.2.0      | None |
| S15.3.0      | None |
| S15.4.0      | None |
| S15.5.0 (FC) | None |
| S15.6.0      | None |
| S15.7.0      | None |
| S15.8.0      | None |
| S15.8.1      | None |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     | Revision:<br>Rev 1         |                            |                             |



|                  |      |
|------------------|------|
| S15.8.2          | None |
| S15.8.3          | None |
| S15.8.4          | None |
| S15.8.5          | None |
| S15.8.6          | None |
| S15.8.7          | None |
| S15.9.0          | None |
| S15.10.0         | None |
| S15.11.0         | None |
| S15.12.0         | None |
| S15.13.0         | None |
| S16.0.0          | None |
| S16.1.0          | None |
| S16.2.0          | None |
| S16.2.1          | None |
| S16.2.2          | None |
| S16.2.3          | None |
| S16.2.4          | None |
| S16.3.0          | None |
| S16.4.0          | None |
| S16.5.0          | None |
| S16.6.0          | None |
| S16.7.0          | None |
| S16.7.1          | None |
| S16.8.0          | None |
| S16.10.0         | None |
| S16.11.0         | None |
| S16.11.1         | None |
| S16.11.2         | None |
| S16.12.0         | None |
| S16.13.0         | None |
| S17.0.0          | None |
| S18.0.0          | None |
| S18.0.1          | None |
| S18.0.2          | None |
| S19.0.0          | None |
| S20.0.0          | None |
| S21.0.0          | None |
| S22.0.0          | None |
| S23.0.0          | None |
| HW24.0 (Outfall) | None |
| S24.0.0          | None |
| S24.1.0 (FC)     | None |
| S24.2.0          | None |
| S24.3.0          | None |
| S24.4.0          | None |
| S24.8.0          | None |
| S24.9.0          | None |
| S16.9.0 (FC)     | None |

#### Inlets

| Junction | Inlet Name | Incoming Item(s)   | Bypass Destination | Capacity Type  |
|----------|------------|--------------------|--------------------|----------------|
| S2.2.0   | Inlet      | S4.000             | (None)             | No Restriction |
| S2.1.1   | Inlet      | 2.002              | (None)             | No Restriction |
|          | Inlet (1)  | 2.100              | (None)             | No Restriction |
| HW 2.1   | Inlet      | 2.000              | (None)             | No Restriction |
| S2.1.0   | Inlet      | 2.001              | (None)             | No Restriction |
| S2.3.0   | Inlet      | S2.300             | (None)             | No Restriction |
| S2.1.3   | Inlet      | RMA1 - Sec. Road 2 | (None)             | No Restriction |
|          | Inlet      | 2.101              | (None)             | No Restriction |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     | Revision:<br>Rev 1         |                            |                             |



| Junction | Inlet Name | Incoming Item(s)                                                                                                                                                                                                                                                                                                          | Bypass Destination | Capacity Type  |
|----------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S2.1.2   | Inlet (1)  | RMA1 - Sec. Road 1                                                                                                                                                                                                                                                                                                        | (None)             | No Restriction |
| S2.4.0   | Inlet      | S2.400<br>IMP_S2.4.0_A2<br>IMP_S2.4.0_A1<br>IMP_S2.4.0_A3<br>IMP_S2.4.0_A5<br>IMP_S2.4.0_A6<br>IMP_S2.4.0_A7<br>IMP_S2.4.0_A8<br>IMP_S2.4.0_A9<br>IMP_S2.4.0_A10<br>IMP_S2.4.0_A11<br>IMP_S2.4.0_A4                                                                                                                       | (None)             | No Restriction |
| S2.5.0   | Inlet      | IMP_S2.5.0_A1<br>IMP_S2.5.0_A2                                                                                                                                                                                                                                                                                            | (None)             | No Restriction |
| S5.0.0   | Inlet      | IMP_S4.0.0<br>S6.000                                                                                                                                                                                                                                                                                                      | (None)             | No Restriction |
| S4.0.0   | Inlet      | IMP_S4.1.0<br>S4.100<br>S5.000                                                                                                                                                                                                                                                                                            | (None)             | No Restriction |
| S4.1.0   | Inlet      | IMP_S4.2.0_A1<br>S4.101<br>S4.200<br>IMP_S4.2.0_A2<br>IMP_S4.2.0_A3<br>IMP_S4.2.0_A4<br>IMP_S4.2.0_A5<br>IMP_S4.2.0_A6<br>IMP_S4.2.0_A7<br>IMP_S4.2.0_A9<br>IMP_S4.2.0_A8<br>IMP_S4.2.0_A10<br>IMP_S4.2.0_A12<br>IMP_S4.2.0_A13<br>IMP_S4.2.0_A14<br>IMP_S4.2.0_A15<br>IMP_S4.2.0_A16<br>IMP_S4.2.0_A17<br>IMP_S4.2.0_A11 | (None)             | No Restriction |
| S4.1.1   | Inlet      | IMP_S4.2.1_A1<br>IMP_S4.2.1_A2<br>IMP_S4.2.1_A3<br>IMP_S4.2.1_A4                                                                                                                                                                                                                                                          | (None)             | No Restriction |
| S4.2.0   | Inlet      | IMP_S4.3.0_A1<br>IMP_S4.3.0_A2                                                                                                                                                                                                                                                                                            | (None)             | No Restriction |
| S6.0.0   | Inlet      | IMP_S5.0.0_A1<br>S7.000<br>IMP_S5.0.0_A2                                                                                                                                                                                                                                                                                  | (None)             | No Restriction |
| S7.0.0   | Inlet      | IMP_S6.0.0_A1<br>S8.000<br>IMP_S6.0.0_A2<br>IMP_S6.0.0_A4<br>IMP_S6.0.0_A3                                                                                                                                                                                                                                                | (None)             | No Restriction |
| S8.0.0   | Inlet      | IMP_S7.0.0_A1<br>S9.000<br>IMP_S7.0.0_A2<br>IMP_S7.0.0_A3<br>IMP_S7.0.0_A4                                                                                                                                                                                                                                                | (None)             | No Restriction |

|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Junction | Inlet Name | Incoming Item(s)                                                                                                                                                                                                                                                            | Bypass Destination | Capacity Type  |
|----------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S9.0.0   | Inlet      | IMP_S8.0.0_A1<br>S9.001<br>S9.100<br>S10.000<br>IMP_S8.0.0_A2<br>IMP_S8.0.0_A3<br>IMP_S8.0.0_A4<br>IMP_S8.0.0_A5<br>IMP_S8.0.0_A6<br>IMP_S8.0.0_A7<br>IMP_S8.0.0_A9<br>IMP_S8.0.0_A10<br>IMP_S8.0.0_A8                                                                      | (None)             | No Restriction |
| S9.0.1   | Inlet      | IMP_S8.0.1_A1<br>S9.002<br>IMP_S8.0.1_A2<br>IMP_S8.0.1_A3<br>IMP_S8.0.1_A4                                                                                                                                                                                                  | (None)             | No Restriction |
| S9.0.2   | Inlet      | IMP_S8.0.2_A1<br>IMP_S8.0.2_A2                                                                                                                                                                                                                                              | (None)             | No Restriction |
| S9.1.0   | Inlet      | IMP_S8.1.0_A1<br>S9.200<br>IMP_S8.1.0_A2<br>IMP_S8.1.0_A3<br>IMP_S8.1.0_A4                                                                                                                                                                                                  | (None)             | No Restriction |
| S9.2.0   | Inlet      | IMP_S8.2.0_A1<br>S9.300<br>IMP_S8.2.0_A2<br>IMP_S8.2.0_A3<br>IMP_S8.2.0_A4<br>IMP_S8.2.0_A5<br>IMP_S8.2.0_A6<br>IMP_S8.2.0_A7<br>IMP_S8.2.0_A8                                                                                                                              | (None)             | No Restriction |
| S9.3.0   | Inlet      | IMP_S8.3.0_A1<br>S9.400<br>IMP_S8.3.0_A2<br>IMP_S8.3.0_A3<br>IMP_S8.3.0_A4<br>IMP_S8.3.0_A5<br>IMP_S8.3.0_A6<br>IMP_S8.3.0_A7<br>IMP_S8.3.0_A8<br>IMP_S8.3.0_A9<br>IMP_S8.3.0_A10<br>IMP_S8.3.0_A11<br>IMP_S8.3.0_A12<br>IMP_S8.3.0_A13<br>IMP_S8.3.0_A14<br>IMP_S8.3.0_A15 | (None)             | No Restriction |
| S9.4.0   | Inlet      | S9.500                                                                                                                                                                                                                                                                      | (None)             | No Restriction |
|          | Inlet (1)  | IMP_S8.4.0                                                                                                                                                                                                                                                                  | (None)             | No Restriction |
| S24.6.0  | Inlet      | S24.700                                                                                                                                                                                                                                                                     | (None)             | No Restriction |
| S24.7.0  | Inlet      | S24.800                                                                                                                                                                                                                                                                     | (None)             | No Restriction |

|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Junction | Inlet Name | Incoming Item(s)                                                                                                                                                                                                                                          | Bypass Destination | Capacity Type  |
|----------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S24.5.0  | Inlet      | IMP_S23.5.0_A1<br>IMP_S23.5.0_A11<br>S24.600<br>IMP_S23.5.0_A10<br>IMP_S23.5.0_A6<br>IMP_S23.5.0_A7<br>IMP_S23.5.0_A8<br>IMP_S23.5.0_A9<br>IMP_S23.5.0_A2<br>IMP_S23.5.0_A3<br>IMP_S23.5.0_A4<br>IMP_S23.5.0_A5                                           | (None)             | No Restriction |
| S9.5.0   | Inlet      | IMP_S8.5.0_A1<br>S9.600<br>IMP_S8.5.0_A2<br>IMP_S8.5.0_A3<br>IMP_S8.5.0_A4<br>IMP_S8.5.0_A5<br>IMP_S8.5.0_A6<br>IMP_S8.5.0_A7<br>IMP_S8.5.0_A8<br>IMP_S8.5.0_A9<br>IMP_S8.5.0_A10<br>IMP_S8.5.0_A11<br>IMP_S8.5.0_A12<br>IMP_S8.5.0_A13<br>IMP_S8.5.0_A14 | (None)             | No Restriction |
| S9.6.0   | Inlet      | IMP_S8.6.0_A1<br>S9.601<br>S9.700<br>IMP_S8.6.0_A2<br>IMP_S8.6.0_A3                                                                                                                                                                                       | (None)             | No Restriction |
| S9.6.1   | Inlet      | IMP_S8.6.1_A1<br>IMP_S8.6.1_A2<br>IMP_S8.6.1_A3<br>IMP_S8.6.1_A4                                                                                                                                                                                          | (None)             | No Restriction |
| S9.7.0   | Inlet      | IMP_S8.7.0<br>S9.701<br>S9.800                                                                                                                                                                                                                            | (None)             | No Restriction |
| S9.7.1   | Inlet      | IMP_S8.7.1_A1<br>S9.702<br>IMP_S8.7.1_A2<br>IMP_S8.7.1_A3                                                                                                                                                                                                 | (None)             | No Restriction |
| S9.7.2   | Inlet      | IMP_S8.7.2_A1<br>IMP_S8.7.2_A2<br>IMP_S8.7.2_A3                                                                                                                                                                                                           | (None)             | No Restriction |



|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Junction | Inlet Name | Incoming Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                              | Bypass Destination | Capacity Type  |
|----------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S9.8.0   | Inlet      | IMP_S8.8.0_A1<br>S9.900<br>IMP_S8.8.0_A2<br>IMP_S8.8.0_A3<br>IMP_S8.8.0_A4<br>IMP_S8.8.0_A5<br>IMP_S8.8.0_A6<br>IMP_S8.8.0_A7<br>IMP_S8.8.0_A8<br>IMP_S8.8.0_A9<br>IMP_S8.8.0_A10<br>IMP_S8.8.0_A11<br>IMP_S8.8.0_A12<br>IMP_S8.8.0_A13<br>IMP_S8.8.0_A14<br>IMP_S8.8.0_A15<br>IMP_S8.8.0_A16<br>IMP_S8.8.0_A17<br>IMP_S8.8.0_A18<br>IMP_S8.8.0_A19<br>IMP_S8.8.0_A20<br>IMP_S8.8.0_A21<br>IMP_S8.8.0_A22<br>IMP_S8.8.0_A23<br>IMP_S8.8.0_A24 | (None)             | No Restriction |
| S9.9.0   | Inlet      | IMP_S8.9.0_A1<br>S9.1000<br>IMP_S8.9.0_A2<br>IMP_S8.9.0_A3                                                                                                                                                                                                                                                                                                                                                                                    | (None)             | No Restriction |
| S9.10.0  | Inlet      | IMP_S8.10.0_A1<br>S9.1001<br>S9.1100<br>IMP_S8.10.0_A2<br>IMP_S8.10.0_A3<br>IMP_S8.10.0_A4                                                                                                                                                                                                                                                                                                                                                    | (None)             | No Restriction |
| S9.10.1  | Inlet      | IMP_S8.10.1_A1<br>S9.1002<br>IMP_S8.10.1_A2<br>IMP_S8.10.1_A3<br>IMP_S8.10.1_A4                                                                                                                                                                                                                                                                                                                                                               | (None)             | No Restriction |
| S9.10.2  | Inlet      | IMP_S8.10.2_A1<br>IMP_S8.10.2_A2<br>IMP_S8.10.2_A3<br>IMP_S8.10.2_A4                                                                                                                                                                                                                                                                                                                                                                          | (None)             | No Restriction |
| S9.11.0  | Inlet      | IMP_S8.11.0_A1<br>S9.1200<br>IMP_S8.11.0_A2<br>IMP_S8.11.0_A3<br>IMP_S8.11.0_A4<br>IMP_S8.11.0_A5<br>IMP_S8.11.0_A6<br>IMP_S8.11.0_A7<br>IMP_S8.11.0_A8<br>IMP_S8.11.0_A9<br>IMP_S8.11.0_A10<br>IMP_S8.11.0_A11<br>IMP_S8.11.0_A13<br>IMP_S8.11.0_A14<br>IMP_S8.11.0_A12                                                                                                                                                                      | (None)             | No Restriction |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |

| Junction | Inlet Name | Incoming Item(s)                                                                                                                                                                                                | Bypass Destination | Capacity Type  |
|----------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S9.12.0  | Inlet      | IMP_S8.12.0_A1<br>S9.1201<br>S9.1300<br>IMP_S8.12.0_A2<br>IMP_S8.12.0_A3<br>IMP_S8.12.0_A4<br>IMP_S8.12.0_A5<br>IMP_S8.12.0_A6<br>IMP_S8.12.0_A7                                                                | (None)             | No Restriction |
| S9.12.1  | Inlet      | IMP_S8.12.1_A1<br>S9.1202<br>S9.1206<br>IMP_S8.12.1_A2<br>IMP_S8.12.1_A3                                                                                                                                        | (None)             | No Restriction |
| S9.12.2  | Inlet      | IMP_S8.12.2_A1<br>S9.1203<br>IMP_S8.12.2_A2<br>IMP_S8.12.2_A3                                                                                                                                                   | (None)             | No Restriction |
| S9.12.3  | Inlet      | IMP_S8.12.3_A1<br>S9.1204<br>IMP_S8.12.3_A2<br>IMP_S8.12.3_A3<br>IMP_S8.12.2_A4                                                                                                                                 | (None)             | No Restriction |
| S9.12.4  | Inlet      | IMP_S8.12.4_A1<br>S9.1205<br>IMP_S8.12.4_A2                                                                                                                                                                     | (None)             | No Restriction |
| S9.12.5  | Inlet      | IMP_S8.12.5_A1<br>IMP_S8.12.5_A4<br>IMP_S8.12.5_A6<br>IMP_S8.12.5_A5<br>IMP_S8.12.5_A2<br>IMP_S8.12.5_A3                                                                                                        | (None)             | No Restriction |
| S9.12.6  | Inlet      | IMP_S8.12.6_A1<br>S9.1207<br>IMP_S8.12.6_A2                                                                                                                                                                     | (None)             | No Restriction |
| S9.12.7  | Inlet      | IMP_S8.12.7_A1<br>IMP_S8.12.7_A2<br>IMP_S8.12.7_A3                                                                                                                                                              | (None)             | No Restriction |
| S9.13.0  | Inlet      | IMP_S8.13.0_A1<br>S9.1400<br>IMP_S8.13.0_A2<br>IMP_S8.13.0_A3<br>IMP_S8.13.0_A4<br>IMP_S8.13.0_A5<br>IMP_S8.13.0_A6                                                                                             | (None)             | No Restriction |
| S9.14.0  | Inlet      | IMP_S8.14.0_A1<br>S9.1500<br>IMP_S8.14.0_A2<br>IMP_S8.14.0_A4<br>IMP_S8.14.0_A5<br>IMP_S8.14.0_A6<br>IMP_S8.14.0_A7<br>IMP_S8.14.0_A3<br>IMP_S8.14.0_A8<br>IMP_S8.14.0_A9<br>IMP_S8.14.0_A10<br>IMP_S8.14.0_A11 | (None)             | No Restriction |

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|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     |                            | Revision:<br>Rev 1         |                             |



| Junction | Inlet Name | Incoming Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Bypass Destination | Capacity Type  |
|----------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S9.15.0  | Inlet      | IMP_S8.15.0_A1<br>S9.1600<br>IMP_S8.15.0_A2<br>IMP_S8.15.0_A3<br>IMP_S8.15.0_A4<br>IMP_S8.15.0_A5<br>IMP_S8.15.0_A6<br>IMP_S8.15.0_A7<br>IMP_S8.15.0_A8<br>IMP_S8.15.0_A9<br>IMP_S8.15.0_A10<br>IMP_S8.15.0_A11<br>IMP_S8.15.0_A12<br>IMP_S8.15.0_A13<br>IMP_S8.15.0_A14<br>IMP_S8.15.0_A15<br>IMP_S8.15.0_A16                                                                                                                                                                                                                                                                                                                            | (None)             | No Restriction |
| S9.16.0  | Inlet      | IMP_S8.16.0_A1<br>S9.1601<br>S9.1700<br>IMP_S8.16.0_A2<br>IMP_S8.16.0_A3<br>IMP_S8.16.0_A4<br>IMP_S8.16.0_A5<br>IMP_S8.16.0_A6<br>IMP_S8.16.0_A7<br>IMP_S8.16.0_A8<br>IMP_S8.16.0_A9<br>IMP_S8.16.0_A10<br>IMP_S8.16.0_A11<br>IMP_S8.16.0_A12<br>IMP_S8.16.0_A13<br>IMP_S8.16.0_A14<br>IMP_S8.16.0_A15<br>IMP_S8.16.0_A16<br>IMP_S8.16.0_A17<br>IMP_S8.16.0_A18<br>IMP_S8.16.0_A19<br>IMP_S8.16.0_A20<br>IMP_S8.16.0_A21<br>IMP_S8.16.0_A22<br>IMP_S8.16.0_A23<br>IMP_S8.16.0_A24<br>IMP_S8.16.0_A25<br>IMP_S8.16.0_A26<br>IMP_S8.16.0_A27<br>IMP_S8.16.0_A28<br>IMP_S8.16.0_A29<br>IMP_S8.16.0_A30<br>IMP_S8.16.0_A31<br>IMP_S8.16.0_A32 | (None)             | No Restriction |
| S9.16.1  | Inlet      | IMP_S8.16.1_A1<br>S9.1602<br>IMP_S8.16.1_A2<br>IMP_S8.16.1_A3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (None)             | No Restriction |
| S9.16.2  | Inlet      | IMP_S8.16.2_A1<br>S9.1603<br>IMP_S8.16.2_A2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (None)             | No Restriction |

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|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |

| Junction | Inlet Name | Incoming Item(s)                                                                                                                                                                                                                         | Bypass Destination | Capacity Type  |
|----------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S9.16.3  | Inlet      | IMP_S8.16.3<br>S9.1604                                                                                                                                                                                                                   | (None)             | No Restriction |
| S9.16.4  | Inlet      | IMP_S8.16.4_A1<br>IMP_S8.16.4_A2<br>IMP_S8.16.4_A3<br>IMP_S8.16.4_A4                                                                                                                                                                     | (None)             | No Restriction |
| S9.17.0  | Inlet      | IMP_S8.17.0_A1<br>IMP_S8.17.0_A2<br>IMP_S8.17.0_A3                                                                                                                                                                                       | (None)             | No Restriction |
| S10.0.0  | Inlet      | IMP_S9.0.0_A1<br>S10.001<br>S10.100<br>S11.000<br>IMP_S9.0.0_A2<br>IMP_S9.0.0_A3<br>IMP_S9.0.0_A4<br>IMP_S9.0.0_A5<br>IMP_S9.0.0_A6                                                                                                      | (None)             | No Restriction |
| S10.0.1  | Inlet      | IMP_S9.0.1_A1<br>S10.002<br>IMP_S9.0.1_A2<br>IMP_S9.0.1_A3<br>IMP_S9.0.1_A4                                                                                                                                                              | (None)             | No Restriction |
| S10.0.2  | Inlet      | IMP_S9.0.2_A1<br>S10.003<br>IMP_S9.0.2_A2<br>IMP_S9.0.2_A3                                                                                                                                                                               | (None)             | No Restriction |
| S10.0.3  | Inlet      | IMP_S9.0.3_A1<br>S10.004<br>IMP_S9.0.3_A2<br>IMP_S9.0.3_A3<br>IMP_S9.0.3_A4<br>IMP_S9.0.3_A5<br>IMP_S9.0.3_A6<br>IMP_S9.0.3_A7<br>IMP_S9.0.3_A8<br>IMP_S9.0.3_A9<br>IMP_S9.0.3_A10<br>IMP_S9.0.3_A11<br>IMP_S9.0.3_A12<br>IMP_S9.0.3_A13 | (None)             | No Restriction |
|          | Inlet (1)  | IMP_S9.0.3_A14                                                                                                                                                                                                                           | (None)             | No Restriction |
| S10.0.4  | Inlet      | IMP_S9.0.4_A1<br>S10.005<br>IMP_S9.0.4_A2<br>IMP_S9.0.4_A3<br>IMP_S9.0.4_A4<br>IMP_S9.0.4_A5<br>IMP_S9.0.4_A6                                                                                                                            | (None)             | No Restriction |
| S10.0.5  | Inlet      | IMP_S9.0.5_A1<br>IMP_S9.0.5_A2<br>IMP_S9.0.5_A3<br>IMP_S9.0.5_A4<br>IMP_S9.0.5_A5<br>IMP_S9.0.5_A6<br>IMP_S9.0.5_A7<br>IMP_S9.0.5_A8<br>IMP_S9.0.5_A9                                                                                    | (None)             | No Restriction |

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|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Junction | Inlet Name | Incoming Item(s)                                                                                                                                                                              | Bypass Destination | Capacity Type  |
|----------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S10.1.0  | Inlet      | IMP_S9.1.0_A1<br>S10.101<br>S10.200<br>IMP_S9.1.0_A2                                                                                                                                          | (None)             | No Restriction |
| S10.1.1  | Inlet      | IMP_S9.1.1                                                                                                                                                                                    | (None)             | No Restriction |
| S10.2.0  | Inlet      | IMP_S9.2.0_A1<br>S10.201<br>S10.300<br>IMP_S9.2.0_A2<br>IMP_S9.2.0_A3<br>IMP_S9.2.0_A4<br>IMP_S9.2.0_A5<br>IMP_S9.2.0_A6<br>IMP_S9.2.0_A7<br>IMP_S9.2.0_A8<br>IMP_S9.2.0_A9<br>IMP_S9.2.0_A10 | (None)             | No Restriction |
| S10.2.1  | Inlet      | IMP_S9.2.1_A1<br>IMP_S9.2.1_A2<br>IMP_S9.2.1_A3<br>IMP_S9.2.1_A4<br>IMP_S9.2.1_A5<br>IMP_S9.2.1_A6                                                                                            | (None)             | No Restriction |
| S10.3.0  | Inlet      | IMP_S9.3.0_A1<br>IMP_S9.3.0_A2<br>IMP_S9.3.0_A3<br>IMP_S9.3.0_A4                                                                                                                              | (None)             | No Restriction |
| S11.0.0  | Inlet      | IMP_S10.0.0_A1<br>S11.001<br>S12.000<br>IMP_S10.0.0_A3<br>IMP_S10.0.0_A2                                                                                                                      | (None)             | No Restriction |
| S11.0.1  | Inlet      | IMP_S10.0.1                                                                                                                                                                                   | (None)             | No Restriction |
| S12.0.0  | Inlet      | IMP_S11.0.0<br>S13.000                                                                                                                                                                        | (None)             | No Restriction |
| S13.0.0  | Inlet      | IMP_S12.0.0<br>S13.001<br>S14.000                                                                                                                                                             | (None)             | No Restriction |
| S13.0.1  | Inlet      | S13.002<br>IMP_S12.0.1_A1<br>IMP_S12.0.1_A2<br>IMP_S12.0.1_A3<br>IMP_S12.0.1_A4                                                                                                               | (None)             | No Restriction |
| S13.0.2  | Inlet      | IMP_S12.0.2_A1<br>S13.003<br>IMP_S12.0.2_A2<br>IMP_S12.0.2_A3<br>IMP_S12.0.2_A4                                                                                                               | (None)             | No Restriction |

|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Junction     | Inlet Name | Incoming Item(s)                                                                                                                                                                                                                                                                            | Bypass Destination | Capacity Type  |
|--------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S13.0.3      | Inlet      | IMP_S12.0.3_A1<br>IMP_S12.0.3_A2<br>IMP_S12.0.3_A3<br>IMP_S12.0.3_A4<br>IMP_S12.0.3_A5<br>IMP_S12.0.3_A6<br>IMP_S12.0.3_A7<br>IMP_S12.0.3_A8<br>IMP_S12.0.3_A9<br>IMP_S12.0.3_A10<br>IMP_S12.0.3_A11<br>IMP_S12.0.3_A12                                                                     | (None)             | No Restriction |
| S14.0.0 (FC) | Inlet      | S15.000<br>IMP_S13.0.0_A1<br>IMP_S13.0.0_A2<br>IMP_S13.0.0_A3<br>IMP_S13.0.0_A4<br>IMP_S13.0.0_A5<br>IMP_S13.0.0_A6<br>IMP_S13.0.0_A7<br>IMP_S13.0.0_A8<br>S14.001                                                                                                                          | (None)             | No Restriction |
| S15.0.0      | Inlet      | IMP_S14.0.0_A1<br>S15.001<br>S15.100<br>S16.000<br>IMP_S14.0.0_A2<br>IMP_S14.0.0_A4<br>IMP_S14.0.0_A5<br>IMP_S14.0.0_A6<br>IMP_S14.0.0_A7<br>IMP_S14.0.0_A8<br>IMP_S14.0.0_A3                                                                                                               | (None)             | No Restriction |
| S15.0.1      | Inlet      | IMP_S14.0.1_A1<br>S15.002<br>IMP_S14.0.1_A2<br>IMP_S14.0.1_A3<br>IMP_S14.0.1_A4<br>IMP_S14.0.1_A5<br>IMP_S14.0.1_A6<br>IMP_S14.0.1_A7<br>IMP_S14.0.1_A8<br>IMP_S14.0.1_A9<br>IMP_S14.0.1_A10<br>IMP_S14.0.1_A12<br>IMP_S14.0.1_A11<br>IMP_S14.0.1_A13<br>IMP_S14.0.1_A14<br>IMP_S14.0.1_A15 | (None)             | No Restriction |
| S15.0.2 (FC) | Inlet      | IMP_S14.0.2_A1<br>S15.012<br>IMP_S14.0.2_A2                                                                                                                                                                                                                                                 | (None)             | No Restriction |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |

| Junction | Inlet Name | Incoming Item(s)                                                                                                                                                                                                                                                         | Bypass Destination | Capacity Type  |
|----------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S15.0.3  | Inlet      | IMP_S14.0.3_A1<br>S15.004<br>IMP_S14.0.3_A2<br>IMP_S14.0.3_A3<br>IMP_S14.0.3_A4<br>IMP_S14.0.3_A5<br>IMP_S14.0.3_A6<br>IMP_S14.0.3_A7<br>IMP_S14.0.3_A8<br>IMP_S14.0.3_A9<br>IMP_S14.0.3_A10<br>IMP_S14.0.3_A11<br>IMP_S14.0.3_A12<br>IMP_S14.0.3_A13<br>IMP_S14.0.3_A14 | (None)             | No Restriction |
| S15.0.4  | Inlet      | IMP_S14.0.4_A1<br>S15.005<br>IMP_S14.0.4_A2                                                                                                                                                                                                                              | (None)             | No Restriction |
| S15.0.5  | Inlet      | IMP_S14.0.5_A1<br>S15.006<br>IMP_S14.0.5_A2<br>IMP_S14.0.5_A3<br>IMP_S14.0.5_A4                                                                                                                                                                                          | (None)             | No Restriction |
| S15.0.6  | Inlet      | IMP_S14.0.6_A1<br>S15.007<br>IMP_S14.0.6_A2                                                                                                                                                                                                                              | (None)             | No Restriction |
| S15.0.7  | Inlet      | IMP_S14.0.7_A1<br>S15.008<br>IMP_S14.0.7_A2<br>IMP_S14.0.7_A3<br>IMP_S14.0.7_A4<br>IMP_S14.0.7_A5<br>IMP_S14.0.7_A6<br>IMP_S14.0.7_A7                                                                                                                                    | (None)             | No Restriction |
| S15.0.8  | Inlet      | IMP_S14.0.8_A1<br>S15.009<br>IMP_S14.0.8_A2<br>IMP_S14.0.8_A3<br>IMP_S14.0.8_A4<br>IMP_S14.0.8_A5<br>IMP_S14.0.8_A6<br>IMP_S14.0.8_A7<br>IMP_S14.0.8_A8<br>IMP_S14.0.8_A9                                                                                                | (None)             | No Restriction |
| S15.0.9  | Inlet      | IMP_S14.0.9_A1<br>IMP_S14.0.9_A2                                                                                                                                                                                                                                         | (None)             | No Restriction |
| S15.1.0  | Inlet      | IMP_S14.1.0_A1<br>S15.200<br>IMP_S14.1.0_A2<br>IMP_S14.1.0_A3<br>IMP_S14.1.0_A4                                                                                                                                                                                          | (None)             | No Restriction |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     | Revision:<br>Rev 1         |                            |                             |



| Junction     | Inlet Name | Incoming Item(s)                                                                                                                                                                                                | Bypass Destination | Capacity Type  |
|--------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S15.2.0      | Inlet      | IMP_S14.2.0_A1<br>S15.300<br>IMP_S14.2.0_A2<br>IMP_S14.2.0_A3<br>IMP_S14.2.0_A4<br>IMP_S14.2.0_A5<br>IMP_S14.2.0_A6<br>IMP_S14.2.0_A7<br>IMP_S14.2.0_A8<br>IMP_S14.2.0_A9<br>IMP_S14.2.0_A10<br>IMP_S14.2.0_A11 | (None)             | No Restriction |
| S15.3.0      | Inlet      | IMP_S14.3.0_A1<br>S15.400<br>IMP_S14.3.0_A2<br>IMP_S14.3.0_A3<br>IMP_S14.3.0_A4<br>IMP_S14.3.0_A5                                                                                                               | (None)             | No Restriction |
| S15.4.0      | Inlet      | IMP_S14.4.0_A1<br>S15.500<br>IMP_S14.4.0_A3<br>IMP_S14.4.0_A2<br>IMP_S14.4.0_A4                                                                                                                                 | (None)             | No Restriction |
| S15.5.0 (FC) | Inlet      | IMP_S14.5.0_A1<br>S15.501<br>IMP_S14.5.0_A2<br>IMP_S14.5.0_A3<br>IMP_S14.5.0_A4<br>IMP_S14.5.0_A5                                                                                                               | (None)             | No Restriction |
| S15.6.0      | Inlet      | IMP_S14.6.0_A1<br>S15.700<br>IMP_S14.6.0_A2<br>IMP_S14.6.0_A3<br>IMP_S14.6.0_A4<br>IMP_S14.6.0_A5<br>IMP_S14.6.0_A6<br>IMP_S14.6.0_A7<br>IMP_S14.6.0_A8<br>IMP_S14.6.0_A9<br>IMP_S14.6.0_A10                    | (None)             | No Restriction |
| S15.7.0      | Inlet      | IMP_S14.7.0_A1<br>S15.800<br>IMP_S14.7.0_A2                                                                                                                                                                     | (None)             | No Restriction |
| S15.8.0      | Inlet      | IMP_S14.8.0<br>S15.801<br>S15.900                                                                                                                                                                               | (None)             | No Restriction |
| S15.8.1      | Inlet      | IMP_S14.8.1_A1<br>S15.802<br>IMP_S14.8.1_A2<br>IMP_S14.8.1_A3<br>IMP_S14.8.1_A4<br>IMP_S14.8.1_A5<br>IMP_S14.8.1_A6<br>IMP_S14.8.1_A7<br>IMP_S14.8.1_A8<br>IMP_S14.8.1_A9                                       | (None)             | No Restriction |



|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Junction | Inlet Name | Incoming Item(s)                                                                                                                                                                                                                                                                                                                  | Bypass Destination | Capacity Type  |
|----------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S15.8.2  | Inlet      | IMP_S14.8.2_A1<br>S15.803<br>IMP_S14.8.2_A2<br>IMP_S14.8.2_A3<br>IMP_S14.8.2_A4<br>IMP_S14.8.2_A5<br>IMP_S14.8.2_A6<br>IMP_S14.8.2_A7<br>IMP_S14.8.2_A8<br>IMP_S14.8.2_A9                                                                                                                                                         | (None)             | No Restriction |
| S15.8.3  | Inlet      | IMP_S14.8.3_A1<br>S15.804<br>IMP_S14.8.3_A2<br>IMP_S14.8.3_A3                                                                                                                                                                                                                                                                     | (None)             | No Restriction |
| S15.8.4  | Inlet      | IMP_S14.8.4_A1<br>S15.805<br>IMP_S14.8.4_A2<br>IMP_S14.8.4_A3<br>IMP_S14.8.4_A4<br>IMP_S14.8.4_A5<br>IMP_S14.8.4_A6<br>IMP_S14.8.4_A7<br>IMP_S14.8.4_A8<br>IMP_S14.8.4_A9<br>IMP_S14.8.4_A10<br>IMP_S14.8.4_A11<br>IMP_S14.8.4_A12<br>IMP_S14.8.4_A13<br>IMP_S14.8.4_A14<br>IMP_S14.8.4_A15<br>IMP_S14.8.4_A16<br>IMP_S14.8.4_A17 | (None)             | No Restriction |
| S15.8.5  | Inlet      | IMP_S14.8.5<br>S15.806                                                                                                                                                                                                                                                                                                            | (None)             | No Restriction |
| S15.8.6  | Inlet      | IMP_S14.8.6_A1<br>S15.807<br>IMP_S14.8.6_A2<br>IMP_S14.8.6_A3<br>IMP_S14.8.6_A4<br>IMP_S14.8.6_A5<br>IMP_S14.8.6_A6<br>IMP_S14.8.6_A7<br>IMP_S14.8.6_A8<br>IMP_S14.8.6_A9<br>IMP_S14.8.6_A10<br>IMP_S14.8.6_A11<br>IMP_S14.8.6_A12<br>IMP_S14.8.6_A13<br>IMP_S14.8.6_A14<br>IMP_S14.8.6_A15                                       | (None)             | No Restriction |
| S15.8.7  | Inlet      | IMP_S14.8.7                                                                                                                                                                                                                                                                                                                       | (None)             | No Restriction |
| S15.9.0  | Inlet      | S15.1000                                                                                                                                                                                                                                                                                                                          | (None)             | No Restriction |
| S15.10.0 | Inlet      | S15.1100                                                                                                                                                                                                                                                                                                                          | (None)             | No Restriction |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |

| Junction | Inlet Name | Incoming Item(s)                                                                                                                                                                                                            | Bypass Destination | Capacity Type  |
|----------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S15.11.0 | Inlet      | S15.1200<br>IMP_S14.11.0_A1<br>IMP_S14.11.0_A2<br>IMP_S14.11.0_A3<br>IMP_S14.11.0_A4<br>IMP_S14.11.0_A5<br>IMP_S14.11.0_A6<br>IMP_S14.11.0_A7<br>IMP_S14.11.0_A8<br>IMP_S14.11.0_A9<br>IMP_S14.11.0_A10<br>IMP_S14.11.0_A11 | (None)             | No Restriction |
| S15.12.0 | Inlet      | IMP_S14.12.0_A1<br>S15.1300<br>IMP_S14.12.0_A2<br>IMP_S14.12.0_A3<br>IMP_S14.12.0_A4<br>IMP_S14.12.0_A5                                                                                                                     | (None)             | No Restriction |
| S15.13.0 | Inlet      | IMP_S14.13.0_A1<br>IMP_S14.13.0_A2<br>IMP_S14.13.0_A3<br>IMP_S14.13.0_A4                                                                                                                                                    | (None)             | No Restriction |
| S16.0.0  | Inlet      | IMP_S15.0.0_A1<br>S16.100<br>S16.500<br>S17.000<br>IMP_S15.0.0_A2<br>IMP_S15.0.0_A3<br>IMP_S15.0.0_A4                                                                                                                       | (None)             | No Restriction |
| S16.1.0  | Inlet      | IMP_S15.1.0_A1<br>S16.200<br>IMP_S15.1.0_A2<br>IMP_S15.1.0_A3<br>IMP_S15.1.0_A4<br>IMP_S15.1.0_A5                                                                                                                           | (None)             | No Restriction |
| S16.2.0  | Inlet      | IMP_S15.2.0_A1<br>S16.201<br>S16.300<br>IMP_S15.2.0_A2<br>IMP_S15.2.0_A3<br>IMP_S15.2.0_A4                                                                                                                                  | (None)             | No Restriction |
| S16.2.1  | Inlet      | IMP_S15.2.1_A1<br>S16.202<br>IMP_S15.2.1_A2                                                                                                                                                                                 | (None)             | No Restriction |
| S16.2.2  | Inlet      | IMP_S15.2.2_A1<br>S16.203<br>IMP_S15.2.2_A2<br>IMP_S15.2.2_A3                                                                                                                                                               | (None)             | No Restriction |
| S16.2.3  | Inlet      | IMP_S15.2.3_A1<br>S16.204<br>IMP_S15.2.3_A2                                                                                                                                                                                 | (None)             | No Restriction |
| S16.2.4  | Inlet      | IMP_S15.2.4_A1<br>IMP_S15.2.4_A2                                                                                                                                                                                            | (None)             | No Restriction |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     | Revision:<br>Rev 1         |                            |                             |



| Junction | Inlet Name | Incoming Item(s)                                                                                                                                                                                                                                                                 | Bypass Destination | Capacity Type  |
|----------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S16.3.0  | Inlet      | IMP_S15.3.0_A1<br>S16.400<br>IMP_S15.3.0_A2<br>IMP_S15.3.0_A3<br>IMP_S15.3.0_A4<br>IMP_S15.3.0_A5<br>IMP_S15.3.0_A6<br>IMP_S15.3.0_A7<br>IMP_S15.3.0_A8<br>IMP_S15.3.0_A9<br>IMP_S15.3.0_A10<br>IMP_S15.3.0_A11<br>IMP_S15.3.0_A12                                               | (None)             | No Restriction |
| S16.4.0  | Inlet      | IMP_S15.4.0_A1<br>IMP_S15.4.0_A2<br>IMP_S15.4.0_A3<br>IMP_S15.4.0_A4<br>IMP_S15.4.0_A5<br>IMP_S15.4.0_A6                                                                                                                                                                         | (None)             | No Restriction |
| S16.5.0  | Inlet      | IMP_S15.5.0_A1<br>S16.600<br>IMP_S15.5.0_A2<br>IMP_S15.5.0_A3<br>IMP_S15.5.0_A4<br>IMP_S15.5.0_A5<br>IMP_S15.5.0_A6<br>IMP_S15.5.0_A7<br>IMP_S15.5.0_A8<br>IMP_S15.5.0_A9                                                                                                        | (None)             | No Restriction |
| S16.6.0  | Inlet      | S16.700<br>IMP_S15.6.0_A1<br>IMP_S15.6.0_A2<br>IMP_S15.6.0_A3                                                                                                                                                                                                                    | (None)             | No Restriction |
| S16.7.0  | Inlet      | IMP_S15.7.0_A1<br>S16.701<br>S16.800<br>IMP_S15.7.0_A2<br>IMP_S15.7.0_A3<br>IMP_S15.7.0_A4                                                                                                                                                                                       | (None)             | No Restriction |
| S16.7.1  | Inlet      | IMP_S15.7.1_A1<br>IMP_S15.7.1_A2<br>IMP_S15.7.1_A3<br>IMP_S15.7.1_A4<br>IMP_S15.7.1_A5<br>IMP_S15.7.1_A6<br>IMP_S15.7.1_A7<br>IMP_S15.7.1_A8<br>IMP_S15.7.1_A9<br>IMP_S15.7.1_A10<br>IMP_S15.7.1_A11<br>IMP_S15.7.1_A13<br>IMP_S15.7.1_A14<br>IMP_S15.7.1_A15<br>IMP_S15.7.1_A12 | (None)             | No Restriction |
| S16.8.0  | Inlet      | IMP_S15.8.0_A1_2<br>S16.900<br>IMP_S15.8.0_A1_1                                                                                                                                                                                                                                  | (None)             | No Restriction |
|          | Inlet (1)  | IMP_S15.8.0_A1_3                                                                                                                                                                                                                                                                 | (None)             | No Restriction |

|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Junction | Inlet Name | Incoming Item(s)                                                                                                                                                                                                                                                                            | Bypass Destination | Capacity Type  |
|----------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S16.10.0 | Inlet      | IMP_S15.9.0_A1<br>S16.1100<br>IMP_S15.9.0_A2<br>IMP_S15.9.0_A3<br>IMP_S15.9.0_A4                                                                                                                                                                                                            | (None)             | No Restriction |
| S16.11.0 | Inlet      | IMP_S15.10.0_A1<br>S16.1101<br>S16.1200<br>IMP_S15.10.0_A2<br>IMP_S15.10.0_A3<br>IMP_S15.10.0_A4<br>IMP_S15.10.0_A5<br>IMP_S15.10.0_A6<br>IMP_S15.10.0_A7                                                                                                                                   | (None)             | No Restriction |
| S16.11.1 | Inlet      | IMP_S15.10.1_A1<br>S16.1102<br>IMP_S15.10.1_A2                                                                                                                                                                                                                                              | (None)             | No Restriction |
| S16.11.2 | Inlet      | IMP_S15.10.2                                                                                                                                                                                                                                                                                | (None)             | No Restriction |
| S16.12.0 | Inlet      | IMP_S15.11.0_A1<br>S16.1300<br>IMP_S15.11.0_A2<br>IMP_S15.11.0_A3<br>IMP_S15.11.0_A4                                                                                                                                                                                                        | (None)             | No Restriction |
| S16.13.0 | Inlet      | IMP_S15.12.0_A1<br>IMP_S15.12.0_A2                                                                                                                                                                                                                                                          | (None)             | No Restriction |
| S17.0.0  | Inlet      | IMP_S16.0.0_A1<br>S18.000<br>IMP_S16.0.0_A2<br>IMP_S16.0.0_A3<br>IMP_S16.0.0_A4<br>IMP_S16.0.0_A5<br>IMP_S16.0.0_A6<br>IMP_S16.0.0_A7<br>IMP_S16.0.0_A8<br>IMP_S16.0.0_A9<br>IMP_S16.0.0_A10<br>IMP_S16.0.0_A11<br>IMP_S16.0.0_A12<br>IMP_S16.0.0_A13<br>IMP_S16.0.0_A14<br>IMP_S16.0.0_A15 | (None)             | No Restriction |
| S18.0.0  | Inlet      | IMP_S17.0.0_A1<br>S18.001<br>S19.000<br>IMP_S17.0.0_A2<br>IMP_S17.0.0_A3<br>IMP_S17.0.0_A4<br>IMP_S17.0.0_A5<br>IMP_S17.0.0_A6<br>IMP_S17.0.0_A7<br>IMP_S17.0.0_A8<br>IMP_S17.0.0_A9                                                                                                        | (None)             | No Restriction |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |

| Junction         | Inlet Name | Incoming Item(s)                                                                                                                                                                                                                                                         | Bypass Destination | Capacity Type  |
|------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S18.0.1          | Inlet      | IMP_S17.0.1_A1<br>S18.002<br>IMP_S17.0.1_A2<br>IMP_S17.0.1_A3<br>IMP_S17.0.1_A4<br>IMP_S17.0.1_A5<br>IMP_S17.0.1_A6<br>IMP_S17.0.1_A7<br>IMP_S17.0.1_A8<br>IMP_S17.0.1_A9<br>IMP_S17.0.1_A10<br>IMP_S17.0.1_A11<br>IMP_S17.0.1_A12<br>IMP_S17.0.1_A13<br>IMP_S17.0.1_A14 | (None)             | No Restriction |
| S18.0.2          | Inlet      | IMP_S17.0.2_A1<br>IMP_S17.0.2_A2<br>IMP_S17.0.2_A3<br>IMP_S17.0.2_A4<br>IMP_S17.0.2_A5<br>IMP_S17.0.2_A6<br>IMP_S17.0.2_A7<br>IMP_S17.0.2_A8<br>IMP_S17.0.2_A9                                                                                                           | (None)             | No Restriction |
| S19.0.0          | Inlet      | IMP_S18.0.0_A1<br>S20.000<br>IMP_S18.0.0_A2<br>IMP_S18.0.0_A3<br>IMP_S18.0.0_A4<br>IMP_S18.0.0_A5<br>IMP_S18.0.0_A6<br>IMP_S18.0.0_A7<br>IMP_S18.0.0_A8<br>IMP_S18.0.0_A9<br>IMP_S18.0.0_A10                                                                             | (None)             | No Restriction |
| S20.0.0          | Inlet      | IMP_S19.0.0<br>S21.000                                                                                                                                                                                                                                                   | (None)             | No Restriction |
| S21.0.0          | Inlet      | IMP_S20.0.0_A1<br>S22.000<br>IMP_S20.0.0_A2<br>IMP_S20.0.0_A3<br>IMP_S20.0.0_A4<br>IMP_S20.0.0_A5<br>IMP_S20.0.0_A6<br>IMP_S20.0.0_A7<br>IMP_S20.0.0_A8                                                                                                                  | (None)             | No Restriction |
| S22.0.0          | Inlet      | IMP_S21.0.0_A1<br>S23.000<br>IMP_S21.0.0_A2<br>IMP_S21.0.0_A3<br>IMP_S21.0.0_A4<br>IMP_S21.0.0_A5<br>IMP_S21.0.0_A6                                                                                                                                                      | (None)             | No Restriction |
| S23.0.0          | Inlet      | IMP_S22.0.0_A1<br>IMP_S22.0.0_A2<br>IMP_S22.0.0_A3<br>IMP_S22.0.0_A4                                                                                                                                                                                                     | (None)             | No Restriction |
| HW24.0 (Outfall) | Inlet      | S24.000                                                                                                                                                                                                                                                                  | (None)             | No Restriction |
| S24.0.0          | Inlet      | S24.100                                                                                                                                                                                                                                                                  | (None)             | No Restriction |

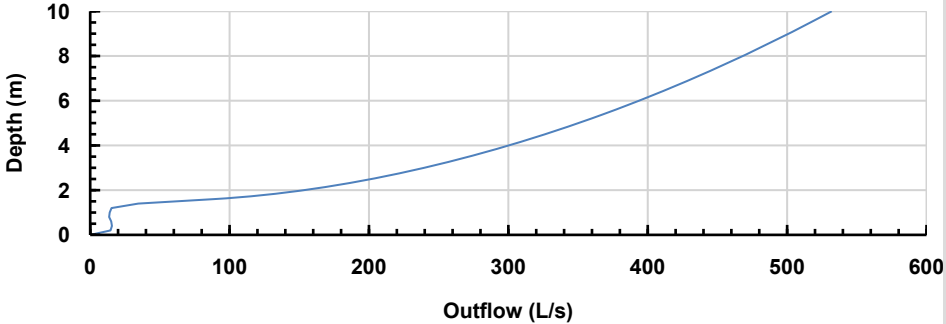
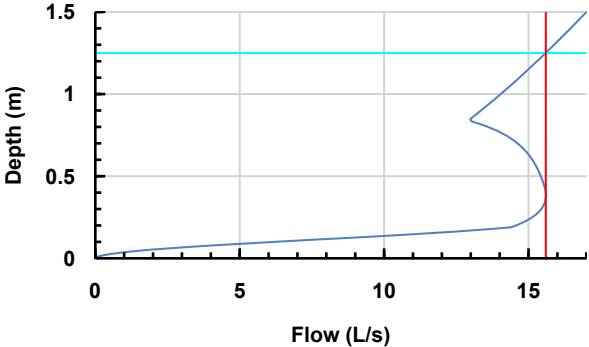
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|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Junction     | Inlet Name | Incoming Item(s)                                                                                                                                                                                                                                                                                                             | Bypass Destination | Capacity Type  |
|--------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| S24.1.0 (FC) | Inlet      | IMP_S23.1.0<br>S24.200                                                                                                                                                                                                                                                                                                       | (None)             | No Restriction |
| S24.2.0      | Inlet      | IMP_S23.2.0_A1<br>S24.201<br>S24.300<br>IMP_S23.2.0_A2<br>IMP_S23.2.0_A3<br>IMP_S23.2.0_A4<br>IMP_S23.2.0_A5<br>IMP_S23.2.0_A7<br>IMP_S23.2.0_A8<br>IMP_S23.2.0_A6<br>IMP_S23.2.0_A9                                                                                                                                         | (None)             | No Restriction |
| S24.3.0      | Inlet      | IMP_S23.3.0_A1<br>S24.400<br>IMP_S23.3.0_A2                                                                                                                                                                                                                                                                                  | (None)             | No Restriction |
| S24.4.0      | Inlet      | IMP_S23.4.0_A1<br>IMP_S23.4.0_A2<br>IMP_S23.4.0_A3<br>S24.500                                                                                                                                                                                                                                                                | (None)             | No Restriction |
| S24.8.0      | Inlet      | S24.900<br>IMP_S8.4.2_A1                                                                                                                                                                                                                                                                                                     | (None)             | No Restriction |
| S24.9.0      | Inlet      | IMP_S23.9.0_A1<br>IMP_S23.9.0_A2<br>IMP_S23.9.0_A3<br>IMP_S23.9.0_A4<br>IMP_S23.9.0_A5<br>IMP_S23.9.0_A6                                                                                                                                                                                                                     | (None)             | No Restriction |
| S16.9.0 (FC) | Inlet      | S16.1000<br>S16.901<br>IMP_S15.8.0_A2<br>IMP_S15.8.0_A3<br>IMP_S15.8.0_A4<br>IMP_S15.8.0_A5<br>IMP_S15.8.0_A6<br>IMP_S15.8.0_A7<br>IMP_S15.8.0_A10<br>IMP_S15.8.0_A11<br>IMP_S15.8.0_A12<br>IMP_S15.8.0_A13<br>IMP_S15.8.0_A14<br>IMP_S15.8.0_A15<br>IMP_S15.8.0_A16<br>IMP_S15.8.0_A17<br>IMP_S15.8.0_A18<br>IMP_S15.8.0_A1 | (None)             | No Restriction |

| Outlets  |             |                     |                |
|----------|-------------|---------------------|----------------|
| Junction | Outlet Name | Outgoing Connection | Outlet Type    |
| S2.2.0   | Outlet      | 2.200               | Free Discharge |
|          | Outlet      | 2.001               | Multiple       |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     | Revision:<br>Rev 1         |                            |                             |



| Junction | Outlet Name                                                                          | Outgoing Connection                    | Outlet Type    |
|----------|--------------------------------------------------------------------------------------|----------------------------------------|----------------|
|          | Invert Level (m)                                                                     | 53.990                                 |                |
|          | Combined Outflow                                                                     |                                        |                |
|          |    |                                        |                |
|          | Hydro-Brake®                                                                         |                                        |                |
|          | Depth Above Invert (m)                                                               | 0.000                                  |                |
|          | Design Depth (m)                                                                     | 1.250                                  |                |
|          | Design Flow (L/s)                                                                    | 15.6                                   |                |
|          | Objective                                                                            | Minimise Upstream Storage Requirements |                |
|          | Application                                                                          | Surface Water Only                     |                |
|          | Sump Available                                                                       | <input checked="" type="checkbox"/>    |                |
|          | Unit Reference                                                                       | SHE-0175-1560-1250-1560                |                |
|          |  |                                        |                |
|          | Orifice                                                                              |                                        |                |
|          | Diameter (m)                                                                         | 0.290                                  |                |
|          | Coefficient of Discharge                                                             | 0.600                                  |                |
|          | Depth Above Invert (m)                                                               | 1.250                                  |                |
| S2.1.0   | Outlet                                                                               | 2.000                                  | Free Discharge |
| S2.3.0   | Outlet                                                                               | 2.300                                  | Free Discharge |
| S2.1.3   | Outlet                                                                               | 2.101                                  | Free Discharge |
| S2.1.2   | Outlet                                                                               | 2.100                                  | Free Discharge |
| S2.4.0   | Outlet                                                                               | S2.300                                 | Free Discharge |
| S2.5.0   | Outlet                                                                               | S2.400                                 | Free Discharge |
| S5.0.0   | Outlet                                                                               | S5.000                                 | Free Discharge |
| S4.0.0   | Outlet                                                                               | S4.000                                 | Free Discharge |
| S4.1.0   | Outlet                                                                               | S4.100                                 | Free Discharge |
| S4.1.1   | Outlet                                                                               | S4.101                                 | Free Discharge |
| S4.2.0   | Outlet                                                                               | S4.200                                 | Free Discharge |
| S6.0.0   | Outlet                                                                               | S6.000                                 | Free Discharge |
| S7.0.0   | Outlet                                                                               | S7.000                                 | Free Discharge |
| S8.0.0   | Outlet                                                                               | S8.000                                 | Free Discharge |
| S9.0.0   | Outlet                                                                               | S9.000                                 | Free Discharge |
| S9.0.1   | Outlet                                                                               | S9.001                                 | Free Discharge |
| S9.0.2   | Outlet                                                                               | S9.002                                 | Free Discharge |

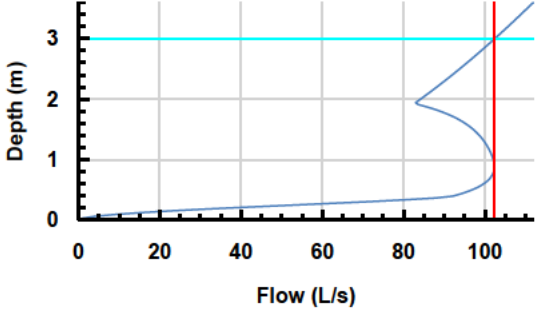
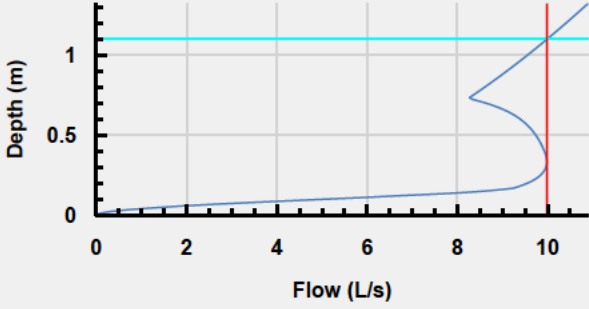
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|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     | Revision:<br>Rev 1         |                            |                             |



| Junction | Outlet Name | Outgoing Connection | Outlet Type    |
|----------|-------------|---------------------|----------------|
| S9.1.0   | Outlet      | S9.100              | Free Discharge |
| S9.2.0   | Outlet      | S9.200              | Free Discharge |
| S9.3.0   | Outlet      | S9.300              | Free Discharge |
| S9.4.0   | Outlet      | S9.400              | Free Discharge |
| S24.6.0  | Outlet      | S24.600             | Free Discharge |
| S24.7.0  | Outlet      | S24.700             | Free Discharge |
| S24.5.0  | Outlet      | S24.500             | Free Discharge |
| S9.5.0   | Outlet      | S9.500              | Free Discharge |
| S9.6.0   | Outlet      | S9.600              | Free Discharge |
| S9.6.1   | Outlet      | S9.601              | Free Discharge |
| S9.7.0   | Outlet      | S9.700              | Free Discharge |
| S9.7.1   | Outlet      | S9.701              | Free Discharge |
| S9.7.2   | Outlet      | S9.702              | Free Discharge |
| S9.8.0   | Outlet      | S9.800              | Free Discharge |
| S9.9.0   | Outlet      | S9.900              | Free Discharge |
| S9.10.0  | Outlet      | S9.1000             | Free Discharge |
| S9.10.1  | Outlet      | S9.1001             | Free Discharge |
| S9.10.2  | Outlet      | S9.1002             | Free Discharge |
| S9.11.0  | Outlet      | S9.1100             | Free Discharge |
| S9.12.0  | Outlet      | S9.1200             | Free Discharge |
| S9.12.1  | Outlet      | S9.1201             | Free Discharge |
| S9.12.2  | Outlet      | S9.1202             | Free Discharge |
| S9.12.3  | Outlet      | S9.1203             | Free Discharge |
| S9.12.4  | Outlet      | S9.1204             | Free Discharge |
| S9.12.5  | Outlet      | S9.1205             | Free Discharge |
| S9.12.6  | Outlet      | S9.1206             | Free Discharge |
| S9.12.7  | Outlet      | S9.1207             | Free Discharge |
| S9.13.0  | Outlet      | S9.1300             | Free Discharge |
| S9.14.0  | Outlet      | S9.1400             | Free Discharge |
| S9.15.0  | Outlet      | S9.1500             | Free Discharge |
| S9.16.0  | Outlet      | S9.1600             | Free Discharge |
| S9.16.1  | Outlet      | S9.1601             | Free Discharge |
| S9.16.2  | Outlet      | S9.1602             | Free Discharge |
| S9.16.3  | Outlet      | S9.1603             | Free Discharge |
| S9.16.4  | Outlet      | S9.1604             | Free Discharge |
| S9.17.0  | Outlet      | S9.1700             | Free Discharge |
| S10.0.0  | Outlet      | S10.000             | Free Discharge |
| S10.0.1  | Outlet      | S10.001             | Free Discharge |
| S10.0.2  | Outlet      | S10.002             | Free Discharge |
| S10.0.3  | Outlet      | S10.003             | Free Discharge |
| S10.0.4  | Outlet      | S10.004             | Free Discharge |
| S10.0.5  | Outlet      | S10.005             | Free Discharge |
| S10.1.0  | Outlet      | S10.100             | Free Discharge |
| S10.1.1  | Outlet      | S10.101             | Free Discharge |
| S10.2.0  | Outlet      | S10.200             | Free Discharge |
| S10.2.1  | Outlet      | S10.201             | Free Discharge |
| S10.3.0  | Outlet      | S10.300             | Free Discharge |
| S11.0.0  | Outlet      | S11.000             | Free Discharge |
| S11.0.1  | Outlet      | S11.001             | Free Discharge |
| S12.0.0  | Outlet      | S12.000             | Free Discharge |
| S13.0.0  | Outlet      | S13.000             | Free Discharge |
| S13.0.1  | Outlet      | S13.001             | Free Discharge |
| S13.0.2  | Outlet      | S13.002             | Free Discharge |
| S13.0.3  | Outlet      | S13.003             | Free Discharge |
|          | Outlet      | S14.000             | Hydro-Brake®   |

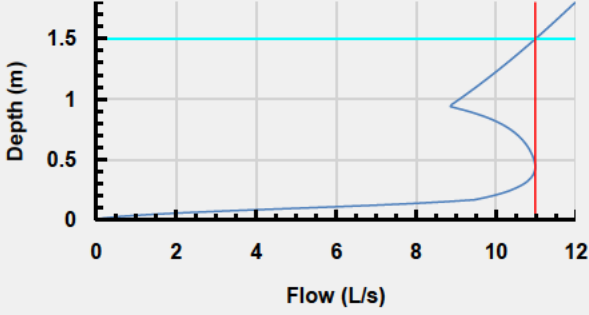


|                                                                                     |  |                                   |                                   |                                                                                     |                                    |
|-------------------------------------------------------------------------------------|--|-----------------------------------|-----------------------------------|-------------------------------------------------------------------------------------|------------------------------------|
| <b>Project:</b><br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | <b>Date:</b><br>29/06/2026        |                                   |  |                                    |
|                                                                                     |  | <b>Designed by:</b><br>J. Dunesby | <b>Checked by:</b><br>W. Nienaber |                                                                                     | <b>Approved By:</b><br>W. Nienaber |
| <b>Report Details:</b><br>Type: Junctions<br>Storm Phase: Phase                     |  | <b>Revision:</b><br>Rev 1         |                                   |                                                                                     |                                    |

| Junction     | Outlet Name                                                                          | Outgoing Connection                    | Outlet Type    |
|--------------|--------------------------------------------------------------------------------------|----------------------------------------|----------------|
| S14.0.0 (FC) | Invert Level (m)                                                                     | 58.820                                 |                |
|              | Design Depth (m)                                                                     | 3.000                                  |                |
|              | Design Flow (L/s)                                                                    | 102.5                                  |                |
|              | Objective                                                                            | Minimise Upstream Storage Requirements |                |
|              | Application                                                                          | Surface Water Only                     |                |
|              | Sump Available                                                                       | <input checked="" type="checkbox"/>    |                |
|              | Unit Reference                                                                       | SHE-0372-1025-3000-1025                |                |
|              |    |                                        |                |
|              |                                                                                      |                                        |                |
|              |                                                                                      |                                        |                |
| S15.0.0      | Outlet                                                                               | S15.000                                | Free Discharge |
| S15.0.1      | Outlet                                                                               | S15.001                                | Free Discharge |
| S15.0.2 (FC) | Outlet                                                                               | S15.002                                | Hydro-Brake®   |
|              | Invert Level (m)                                                                     | 60.955                                 |                |
|              | Design Depth (m)                                                                     | 1.100                                  |                |
|              | Design Flow (L/s)                                                                    | 10.0                                   |                |
|              | Objective                                                                            | Minimise Upstream Storage Requirements |                |
|              | Application                                                                          | Surface Water Only                     |                |
|              | Sump Available                                                                       | <input checked="" type="checkbox"/>    |                |
|              | Unit Reference                                                                       | SHE-0144-1000-1100-1000                |                |
|              |  |                                        |                |
|              |                                                                                      |                                        |                |
| S15.0.3      | Outlet                                                                               | S15.003                                | Free Discharge |
| S15.0.4      | Outlet                                                                               | S15.004                                | Free Discharge |
| S15.0.5      | Outlet                                                                               | S15.005                                | Free Discharge |
| S15.0.6      | Outlet                                                                               | S15.006                                | Free Discharge |
| S15.0.7      | Outlet                                                                               | S15.007                                | Free Discharge |
| S15.0.8      | Outlet                                                                               | S15.008                                | Free Discharge |
| S15.0.9      | Outlet                                                                               | S15.009                                | Free Discharge |
| S15.1.0      | Outlet                                                                               | S15.100                                | Free Discharge |
| S15.2.0      | Outlet                                                                               | S15.200                                | Free Discharge |
| S15.3.0      | Outlet                                                                               | S15.300                                | Free Discharge |
| S15.4.0      | Outlet                                                                               | S15.400                                | Free Discharge |
|              | Outlet                                                                               | S15.500                                | Hydro-Brake®   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions<br>Storm Phase: Phase                     | Revision:<br>Rev 1         |                            |                             |

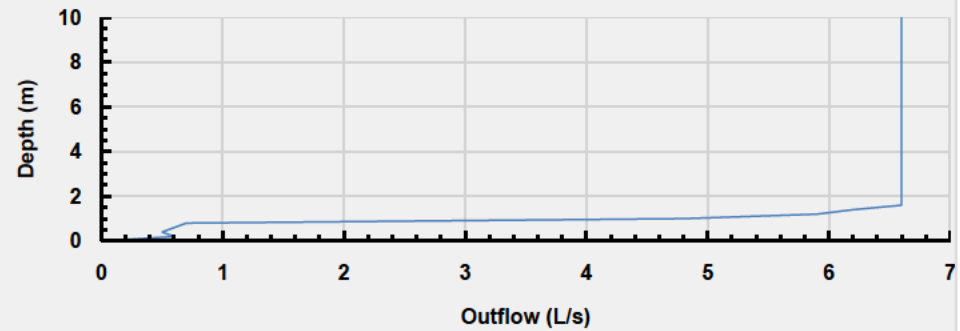


| Junction     | Outlet Name                                                                        | Outgoing Connection                    | Outlet Type    |
|--------------|------------------------------------------------------------------------------------|----------------------------------------|----------------|
| S15.5.0 (FC) | Invert Level (m)                                                                   | 61.870                                 |                |
|              | Design Depth (m)                                                                   | 1.500                                  |                |
|              | Design Flow (L/s)                                                                  | 11.0                                   |                |
|              | Objective                                                                          | Minimise Upstream Storage Requirements |                |
|              | Application                                                                        | Surface Water Only                     |                |
|              | Sump Available                                                                     | <input checked="" type="checkbox"/>    |                |
|              | Unit Reference                                                                     | SHE-0145-1100-1500-1100                |                |
|              |  |                                        |                |
|              |                                                                                    |                                        |                |
|              |                                                                                    |                                        |                |
| S15.6.0      | Outlet                                                                             | S15.600                                | Free Discharge |
| S15.7.0      | Outlet                                                                             | S15.700                                | Free Discharge |
| S15.8.0      | Outlet                                                                             | S15.800                                | Free Discharge |
| S15.8.1      | Outlet                                                                             | S15.801                                | Free Discharge |
| S15.8.2      | Outlet                                                                             | S15.802                                | Free Discharge |
| S15.8.3      | Outlet                                                                             | S15.803                                | Free Discharge |
| S15.8.4      | Outlet                                                                             | S15.804                                | Free Discharge |
| S15.8.5      | Outlet                                                                             | S15.805                                | Free Discharge |
| S15.8.6      | Outlet                                                                             | S15.806                                | Free Discharge |
| S15.8.7      | Outlet                                                                             | S15.807                                | Free Discharge |
| S15.9.0      | Outlet                                                                             | S15.900                                | Free Discharge |
| S15.10.0     | Outlet                                                                             | S15.1000                               | Free Discharge |
| S15.11.0     | Outlet                                                                             | S15.1100                               | Free Discharge |
| S15.12.0     | Outlet                                                                             | S15.1200                               | Free Discharge |
| S15.13.0     | Outlet                                                                             | S15.1300                               | Free Discharge |
| S16.0.0      | Outlet                                                                             | S16.000                                | Free Discharge |
| S16.1.0      | Outlet                                                                             | S16.100                                | Free Discharge |
| S16.2.0      | Outlet                                                                             | S16.200                                | Free Discharge |
| S16.2.1      | Outlet                                                                             | S16.201                                | Free Discharge |
| S16.2.2      | Outlet                                                                             | S16.202                                | Free Discharge |
| S16.2.3      | Outlet                                                                             | S16.203                                | Free Discharge |
| S16.2.4      | Outlet                                                                             | S16.204                                | Free Discharge |
| S16.3.0      | Outlet                                                                             | S16.300                                | Free Discharge |
| S16.4.0      | Outlet                                                                             | S16.400                                | Free Discharge |
| S16.5.0      | Outlet                                                                             | S16.500                                | Free Discharge |
| S16.6.0      | Outlet                                                                             | S16.600                                | Free Discharge |
| S16.7.0      | Outlet                                                                             | S16.700                                | Free Discharge |
| S16.7.1      | Outlet                                                                             | S16.701                                | Free Discharge |
| S16.8.0      | Outlet                                                                             | S16.800                                | Free Discharge |
| S16.10.0     | Outlet                                                                             | S16.1000                               | Free Discharge |
| S16.11.0     | Outlet                                                                             | S16.1100                               | Free Discharge |
| S16.11.1     | Outlet                                                                             | S16.1101                               | Free Discharge |
| S16.11.2     | Outlet                                                                             | S16.1102                               | Free Discharge |
| S16.12.0     | Outlet                                                                             | S16.1200                               | Free Discharge |
| S16.13.0     | Outlet                                                                             | S16.1300                               | Free Discharge |
| S17.0.0      | Outlet                                                                             | S17.000                                | Free Discharge |
| S18.0.0      | Outlet                                                                             | S18.000                                | Free Discharge |
| S18.0.1      | Outlet                                                                             | S18.001                                | Free Discharge |
| S18.0.2      | Outlet                                                                             | S18.002                                | Free Discharge |
| S19.0.0      | Outlet                                                                             | S19.000                                | Free Discharge |
| S20.0.0      | Outlet                                                                             | S20.000                                | Free Discharge |
| S21.0.0      | Outlet                                                                             | S21.000                                | Free Discharge |

|                                                                                     |  |                                   |                                   |                                                                                     |                                    |
|-------------------------------------------------------------------------------------|--|-----------------------------------|-----------------------------------|-------------------------------------------------------------------------------------|------------------------------------|
| <b>Project:</b><br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | <b>Date:</b><br>29/06/2026        |                                   |  |                                    |
|                                                                                     |  | <b>Designed by:</b><br>J. Dunesby | <b>Checked by:</b><br>W. Nienaber |                                                                                     | <b>Approved By:</b><br>W. Nienaber |
| <b>Report Details:</b><br>Type: Junctions<br>Storm Phase: Phase                     |  | <b>Revision:</b><br>Rev 1         |                                   |                                                                                     |                                    |

| Junction         | Outlet Name | Outgoing Connection | Outlet Type    |
|------------------|-------------|---------------------|----------------|
| S22.0.0          | Outlet      | S22.000             | Free Discharge |
| S23.0.0          | Outlet      | S23.000             | Free Discharge |
| S24.0.0          | Outlet      | S24.000             | Free Discharge |
|                  | Outlet      | S24.100             | Multiple       |
| Invert Level (m) |             | 53.780              |                |

Combined Outflow

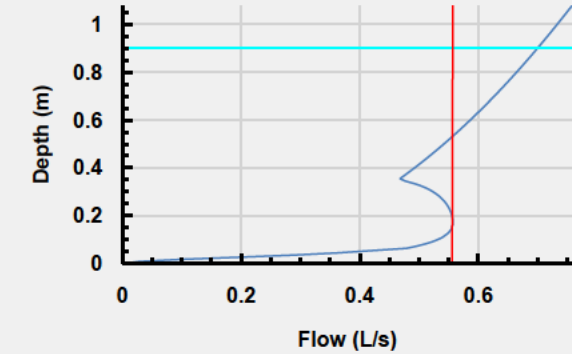


Hydro-Brake®

|                        |                                        |
|------------------------|----------------------------------------|
| Depth Above Invert (m) | 0.000                                  |
| Design Depth (m)       | 0.900                                  |
| Design Flow (L/s)      | 0.7                                    |
| Objective              | Minimise Upstream Storage Requirements |
| Application            | Surface Water Only                     |
| Sump Available         | <input checked="" type="checkbox"/>    |

Unit Reference

SHE-0040-7000-0900-7000

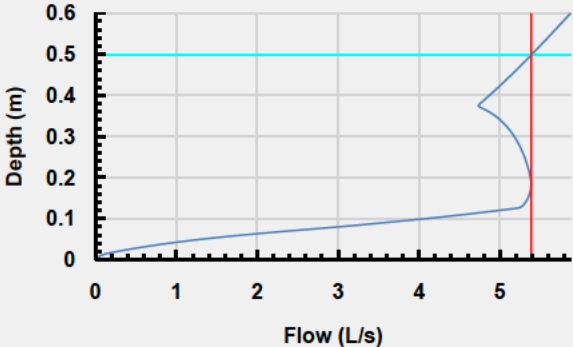
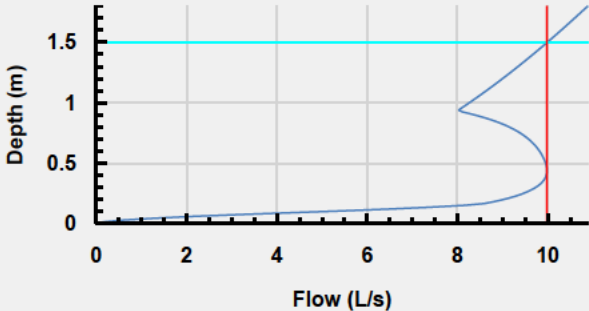


Hydro-Brake®

S24.1.0 (FC)

|                                                                                     |                                   |                                   |                                    |
|-------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|------------------------------------|
| <b>Project:</b><br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | <b>Date:</b><br>29/06/2026        |                                   |                                    |
|                                                                                     | <b>Designed by:</b><br>J. Dunesby | <b>Checked by:</b><br>W. Nienaber | <b>Approved By:</b><br>W. Nienaber |
| <b>Report Details:</b><br>Type: Junctions<br>Storm Phase: Phase                     | <b>Revision:</b><br>Rev 1         |                                   |                                    |



| Junction     | Outlet Name                                                                                                   | Outgoing Connection                                                                                                            | Outlet Type    |
|--------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------|
|              | Depth Above Invert (m)<br>Design Depth (m)<br>Design Flow (L/s)<br>Objective<br>Application<br>Sump Available | 0.900<br>0.500<br>5.4<br>Minimise Upstream Storage Requirements<br>Surface Water Only<br><input checked="" type="checkbox"/>   |                |
|              | Unit Reference                                                                                                | SHE-0116-5400-0500-5400                                                                                                        |                |
|              |                             |                                                                                                                                |                |
| S24.2.0      | Outlet                                                                                                        | S24.200                                                                                                                        | Free Discharge |
| S24.3.0      | Outlet                                                                                                        | S24.300                                                                                                                        | Free Discharge |
| S24.4.0      | Outlet                                                                                                        | S24.400                                                                                                                        | Free Discharge |
| S24.8.0      | Outlet                                                                                                        | S24.800                                                                                                                        | Free Discharge |
| S24.9.0      | Outlet                                                                                                        | S24.900                                                                                                                        | Free Discharge |
|              | Outlet                                                                                                        | S16.900                                                                                                                        | Hydro-Brake®   |
|              | Invert Level (m)<br>Design Depth (m)<br>Design Flow (L/s)<br>Objective<br>Application<br>Sump Available       | 64.520<br>1.500<br>10.0<br>Minimise Upstream Storage Requirements<br>Surface Water Only<br><input checked="" type="checkbox"/> |                |
|              | Unit Reference                                                                                                | SHE-0138-1000-1500-1000                                                                                                        |                |
| S16.9.0 (FC) |                           |                                                                                                                                |                |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase           | Revision:<br>Rev 1         |                            |                             |





**Pond 2a**

Type : Pond

### Dimensions

|                      |          |
|----------------------|----------|
| Exceedance Level (m) | 56.100   |
| Depth (m)            | 2.090    |
| Base Level (m)       | 54.010   |
| Freeboard (mm)       | 300      |
| Initial Depth (m)    | 0.000    |
| Porosity (%)         | 100      |
| Average Slope (1:X)  | 17.103   |
| Total Volume (m³)    | 4252.237 |

| Depth (m) | Area (m²) | Volume (m³) |
|-----------|-----------|-------------|
| 0.000     | 0.010     | 0.000       |
| 0.100     | 0.010     | 0.001       |
| 0.200     | 0.010     | 0.002       |
| 0.240     | 82.000    | 1.108       |
| 0.290     | 282.000   | 9.709       |
| 0.340     | 560.000   | 30.365      |
| 0.390     | 888.000   | 66.252      |
| 0.440     | 1347.000  | 121.730     |
| 0.490     | 2069.000  | 206.486     |
| 0.540     | 2553.000  | 321.825     |
| 0.590     | 2577.000  | 450.074     |
| 0.690     | 2652.000  | 711.515     |
| 0.790     | 2727.000  | 980.457     |
| 0.890     | 2803.000  | 1256.948    |
| 0.990     | 2880.000  | 1541.089    |
| 1.090     | 3122.000  | 1841.108    |
| 1.190     | 3213.000  | 2157.847    |
| 1.290     | 3305.000  | 2483.736    |
| 1.390     | 3398.000  | 2818.875    |
| 1.490     | 3492.000  | 3163.365    |
| 1.590     | 3586.000  | 3517.254    |
| 1.690     | 3676.000  | 3880.345    |
| 1.790     | 3762.000  | 4252.237    |
| 1.890     | 3849.879  | 4632.822    |
| 1.990     | 3937.976  | 5022.207    |
| 2.090     | 4026.769  | 5420.436    |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | 2.200          |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

#### Inlet (1)

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | 2.300          |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase           | Revision:<br>Rev 1         |                            |                             |                                                                                     |

Outlets

Outlet

|                     |                |
|---------------------|----------------|
| Outgoing Connection | 2.002          |
| Outlet Type         | Free Discharge |

Advanced

|                 |             |
|-----------------|-------------|
| Perimeter       | Circular    |
| Length (m)      | 97.360      |
| Friction Scheme | Manning's n |
| n               | 0.03        |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase           | Revision:<br>Rev 1         |                            |                             |





**Pond 2c**

Type : Pond

### Dimensions

|                      |         |
|----------------------|---------|
| Exceedance Level (m) | 62.550  |
| Depth (m)            | 1.500   |
| Base Level (m)       | 61.050  |
| Freeboard (mm)       | 300     |
| Initial Depth (m)    | 0.000   |
| Porosity (%)         | 100     |
| Average Slope (1:X)  | 7.231   |
| Total Volume (m³)    | 175.066 |

| Depth (m) | Area (m²) | Volume (m³) |
|-----------|-----------|-------------|
| 0.000     | 0.001     | 0.000       |
| 0.100     | 56.874    | 1.904       |
| 0.200     | 72.008    | 8.333       |
| 0.300     | 88.138    | 16.327      |
| 0.400     | 105.263   | 25.984      |
| 0.500     | 123.384   | 37.405      |
| 0.600     | 142.501   | 50.687      |
| 0.700     | 162.613   | 65.932      |
| 0.800     | 183.721   | 83.238      |
| 0.900     | 205.825   | 102.705     |
| 1.000     | 228.924   | 124.432     |
| 1.100     | 253.019   | 148.519     |
| 1.200     | 278.109   | 175.066     |
| 1.300     | 304.195   | 204.171     |
| 1.400     | 331.277   | 235.935     |
| 1.500     | 370.818   | 271.021     |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | S15.003        |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |                |
|---------------------|----------------|
| Outgoing Connection | S15.012        |
| Outlet Type         | Free Discharge |

### Advanced

|                 |             |
|-----------------|-------------|
| Perimeter       | Circular    |
| Length (m)      | 27.470      |
| Friction Scheme | Manning's n |
| n               | 0.03        |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase           | Revision:<br>Rev 1         |                            |                             |





## Pond 2b

Type : Pond

### Dimensions

|                      |         |
|----------------------|---------|
| Exceedance Level (m) | 63.600  |
| Depth (m)            | 1.400   |
| Base Level (m)       | 62.200  |
| Freeboard (mm)       | 300     |
| Initial Depth (m)    | 0.000   |
| Porosity (%)         | 100     |
| Average Slope (1:X)  | 10.832  |
| Total Volume (m³)    | 444.720 |

| Depth (m) | Area (m²) | Volume (m³) |
|-----------|-----------|-------------|
| 0.000     | 0.001     | 0.000       |
| 0.100     | 173.413   | 5.794       |
| 0.200     | 323.084   | 30.234      |
| 0.300     | 351.714   | 63.964      |
| 0.400     | 381.113   | 100.596     |
| 0.500     | 411.282   | 140.206     |
| 0.600     | 442.221   | 182.872     |
| 0.700     | 473.929   | 228.670     |
| 0.800     | 506.408   | 277.678     |
| 0.900     | 539.656   | 329.972     |
| 1.000     | 573.674   | 385.630     |
| 1.100     | 608.293   | 444.720     |
| 1.200     | 644.019   | 507.327     |
| 1.300     | 680.347   | 573.537     |
| 1.400     | 724.160   | 643.751     |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | S15.600        |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

#### Inlet (1)

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | IMP_Pond 2b    |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |                |
|---------------------|----------------|
| Outgoing Connection | S15.501        |
| Outlet Type         | Free Discharge |

### Advanced

|                 |             |
|-----------------|-------------|
| Perimeter       | Circular    |
| Length (m)      | 45.337      |
| Friction Scheme | Manning's n |
| n               | 0.03        |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase           | Revision:<br>Rev 1         |                            |                             |





**Pond 2d**

Type : Pond

### Dimensions

|                      |         |
|----------------------|---------|
| Exceedance Level (m) | 62.200  |
| Depth (m)            | 1.700   |
| Base Level (m)       | 60.500  |
| Freeboard (mm)       | 300     |
| Initial Depth (m)    | 0.000   |
| Porosity (%)         | 100     |
| Average Slope (1:X)  | 12.604  |
| Total Volume (m³)    | 717.981 |

| Depth (m) | Area (m²) | Volume (m³) |
|-----------|-----------|-------------|
| 0.000     | 0.001     | 0.000       |
| 0.100     | 54.203    | 1.815       |
| 0.200     | 99.775    | 9.398       |
| 0.300     | 235.018   | 25.663      |
| 0.400     | 301.816   | 52.435      |
| 0.500     | 370.178   | 85.976      |
| 0.600     | 440.106   | 126.440     |
| 0.700     | 511.599   | 173.981     |
| 0.800     | 584.657   | 228.753     |
| 0.900     | 659.280   | 290.912     |
| 1.000     | 735.469   | 360.615     |
| 1.100     | 813.223   | 438.017     |
| 1.200     | 892.542   | 523.275     |
| 1.300     | 973.426   | 616.544     |
| 1.400     | 1055.875  | 717.981     |
| 1.500     | 1139.890  | 827.742     |
| 1.600     | 1225.470  | 945.985     |
| 1.700     | 1444.787  | 1079.347    |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | IMP_Pond 2d    |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |                |
|---------------------|----------------|
| Outgoing Connection | S14.001        |
| Outlet Type         | Free Discharge |

### Advanced

|                 |             |
|-----------------|-------------|
| Perimeter       | Circular    |
| Length (m)      | 75.334      |
| Friction Scheme | Manning's n |
| n               | 0.03        |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase           | Revision:<br>Rev 1         |                            |                             |





**CRATES C12**

Type : Cellular Storage

**Dimensions**

|                       |         |
|-----------------------|---------|
| Exceedance Level (m)  | 55.895  |
| Depth (m)             | 1.200   |
| Base Level (m)        | 53.885  |
| Number of Crates Long | 20      |
| Number of Crates Wide | 22      |
| Number of Crates High | 3       |
| Porosity (%)          | 95      |
| Crate Length (m)      | 1       |
| Crate Width (m)       | 0.5     |
| Crate Height (m)      | 0.4     |
| Total Volume (m³)     | 251.610 |

**Inlets**

**Inlet**

|                    |                          |
|--------------------|--------------------------|
| Inlet Type         | Point Inflow             |
| Incoming Item(s)   | IMP_C12_A1<br>IMP_C12_A2 |
| Bypass Destination | (None)                   |
| Capacity Type      | No Restriction           |

**Outlets**

**Outlet**

|                     |                |
|---------------------|----------------|
| Outgoing Connection | S24.201        |
| Outlet Type         | Free Discharge |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase           | Revision:<br>Rev 1         |                            |                             |                                                                                     |



### CRATES C13

Type : Cellular Storage

#### Dimensions

|                       |         |
|-----------------------|---------|
| Exceedance Level (m)  | 66.550  |
| Depth (m)             | 1.200   |
| Base Level (m)        | 64.540  |
| Number of Crates Long | 27      |
| Number of Crates Wide | 12      |
| Number of Crates High | 3       |
| Porosity (%)          | 95      |
| Crate Length (m)      | 1       |
| Crate Width (m)       | 0.5     |
| Crate Height (m)      | 0.4     |
| Total Volume (m³)     | 185.490 |

#### Inlets

##### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | IMP_C13        |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

#### Outlets

##### Outlet

|                     |                |
|---------------------|----------------|
| Outgoing Connection | S16.901        |
| Outlet Type         | Free Discharge |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Connections<br>Storm Phase: Phase                   | Revision:<br>Rev 1         |                            |                             |



| Name    | Length (m) | Connection Type | Slope (1:X) | Manning's n | Colebrook-White Roughness (mm) | Diameter / Base Width (mm) | Upstream Cover Level (m) | Upstream Invert Level (m) |
|---------|------------|-----------------|-------------|-------------|--------------------------------|----------------------------|--------------------------|---------------------------|
| 2.200   | 6.200      | Pipe            | 22.143      |             | 0.6                            | 825                        | 56.315                   | 54.290                    |
| 2.002   | 5.768      | Pipe            | 288.421     |             | 0.6                            | 750                        | 56.100                   | 54.010                    |
| 2.001   | 19.350     | Pipe            | 322.500     |             | 0.6                            | 450                        | 56.350                   | 53.990                    |
| 2.000   | 5.672      | Pipe            | 283.599     |             | 0.6                            | 450                        | 54.830                   | 53.930                    |
| 2.300   | 10.326     | Pipe            | 17.502      |             | 0.6                            | 300                        | 56.500                   | 54.600                    |
| 2.101   | 13.600     | Pipe            | 181.333     |             | 0.6                            | 225                        | 56.000                   | 54.665                    |
| 2.100   | 14.200     | Pipe            | 189.333     |             | 0.6                            | 225                        | 55.830                   | 54.590                    |
| S2.300  | 5.000      | Pipe            | 200.000     |             | 0.6                            | 300                        | 56.490                   | 54.625                    |
| S2.400  | 35.762     | Pipe            | 113.531     |             | 0.6                            | 225                        | 56.800                   | 54.940                    |
| S5.000  | 29.721     | Pipe            | 110.079     |             | 0.6                            | 750                        | 56.680                   | 54.580                    |
| S4.000  | 9.545      | Pipe            | 477.238     |             | 0.6                            | 825                        | 56.165                   | 54.310                    |
| S4.100  | 11.039     | Pipe            | 19.537      |             | 0.6                            | 300                        | 56.590                   | 54.875                    |
| S4.101  | 37.535     | Pipe            | 30.270      |             | 0.6                            | 225                        | 57.240                   | 56.115                    |
| S4.200  | 35.250     | Pipe            | 293.749     |             | 0.6                            | 300                        | 55.980                   | 54.995                    |
| S6.000  | 22.325     | Pipe            | 153.968     |             | 0.6                            | 750                        | 57.075                   | 54.725                    |
| S7.000  | 15.340     | Pipe            | 153.402     |             | 0.6                            | 750                        | 57.350                   | 54.825                    |
| S8.000  | 17.376     | Pipe            | 151.094     |             | 0.6                            | 750                        | 57.660                   | 54.940                    |
| S9.000  | 12.904     | Pipe            | 198.523     |             | 0.6                            | 750                        | 57.885                   | 55.005                    |
| S9.001  | 49.627     | Pipe            | 74.070      |             | 0.6                            | 300                        | 57.705                   | 55.675                    |
| S9.002  | 33.483     | Pipe            | 111.610     |             | 0.6                            | 225                        | 56.915                   | 55.975                    |
| S9.100  | 8.509      | Pipe            | 32.109      |             | 0.6                            | 675                        | 58.055                   | 55.270                    |
| S9.200  | 14.737     | Pipe            | 128.147     |             | 0.6                            | 675                        | 58.050                   | 55.385                    |
| S9.300  | 42.662     | Pipe            | 105.337     |             | 0.6                            | 600                        | 57.600                   | 55.790                    |
| S9.400  | 42.446     | Pipe            | 128.623     |             | 0.6                            | 600                        | 58.060                   | 56.120                    |
| S24.700 | 9.284      | Pipe            | 66.313      |             | 0.6                            | 225                        | 57.970                   | 55.605                    |
| S24.600 | 27.961     | Pipe            | 223.688     |             | 0.6                            | 300                        | 58.080                   | 55.465                    |
| S24.500 | 12.565     | Pipe            | 209.417     |             | 0.6                            | 300                        | 58.190                   | 55.340                    |
| S9.500  | 9.768      | Pipe            | 61.050      |             | 0.6                            | 525                        | 58.290                   | 56.280                    |
| S9.600  | 51.750     | Pipe            | 107.813     |             | 0.6                            | 525                        | 59.900                   | 56.760                    |
| S9.601  | 17.239     | Pipe            | 11.086      |             | 0.6                            | 225                        | 59.740                   | 58.315                    |
| S9.700  | 25.317     | Pipe            | 32.251      |             | 0.6                            | 450                        | 59.575                   | 57.545                    |
| S9.701  | 12.069     | Pipe            | 26.525      |             | 0.6                            | 225                        | 59.645                   | 58.000                    |
| S9.702  | 14.967     | Pipe            | 42.762      |             | 0.6                            | 225                        | 59.475                   | 58.350                    |
| S9.800  | 10.500     | Pipe            | 39.621      |             | 0.6                            | 450                        | 59.690                   | 57.810                    |
| S9.900  | 52.602     | Pipe            | 45.740      |             | 0.6                            | 450                        | 60.955                   | 58.960                    |
| S9.1000 | 9.748      | Pipe            | 278.526     |             | 0.6                            | 450                        | 61.165                   | 58.995                    |
| S9.1001 | 6.326      | Pipe            | 11.935      |             | 0.6                            | 225                        | 61.315                   | 59.525                    |
| S9.1002 | 21.681     | Pipe            | 28.527      |             | 0.6                            | 225                        | 61.410                   | 60.285                    |
| S9.1100 | 13.521     | Pipe            | 300.476     |             | 0.6                            | 450                        | 61.385                   | 59.040                    |
| S9.1200 | 34.813     | Pipe            | 290.105     |             | 0.6                            | 450                        | 61.725                   | 59.160                    |
| S9.1201 | 56.855     | Pipe            | 38.158      |             | 0.6                            | 300                        | 62.840                   | 60.650                    |
| S9.1202 | 15.297     | Pipe            | 36.860      |             | 0.6                            | 225                        | 63.145                   | 61.065                    |
| S9.1203 | 15.106     | Pipe            | 45.093      |             | 0.6                            | 225                        | 63.220                   | 61.400                    |
| S9.1204 | 10.964     | Pipe            | 44.752      |             | 0.6                            | 225                        | 63.100                   | 61.645                    |
| S9.1205 | 18.683     | Pipe            | 133.454     |             | 0.6                            | 225                        | 62.910                   | 61.785                    |
| S9.1206 | 13.221     | Pipe            | 17.395      |             | 0.6                            | 225                        | 62.940                   | 61.410                    |
| S9.1207 | 11.036     | Pipe            | 20.066      |             | 0.6                            | 225                        | 63.085                   | 61.960                    |
| S9.1300 | 19.450     | Pipe            | 117.882     |             | 0.6                            | 450                        | 61.660                   | 59.325                    |
| S9.1400 | 22.522     | Pipe            | 225.220     |             | 0.6                            | 450                        | 61.440                   | 59.425                    |
| S9.1500 | 15.576     | Pipe            | 222.508     |             | 0.6                            | 450                        | 61.285                   | 59.495                    |
| S9.1600 | 24.654     | Pipe            | 224.123     |             | 0.6                            | 450                        | 61.255                   | 59.605                    |
| S9.1601 | 55.291     | Pipe            | 35.903      |             | 0.6                            | 300                        | 62.570                   | 61.145                    |
| S9.1602 | 13.447     | Pipe            | 39.551      |             | 0.6                            | 225                        | 62.865                   | 61.485                    |
| S9.1603 | 10.681     | Pipe            | 39.559      |             | 0.6                            | 225                        | 63.140                   | 61.755                    |
| S9.1604 | 15.367     | Pipe            | 40.439      |             | 0.6                            | 225                        | 63.260                   | 62.135                    |
| S9.1700 | 40.682     | Pipe            | 81.363      |             | 0.6                            | 225                        | 61.890                   | 60.105                    |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Connections<br>Storm Phase: Phase                   | Revision:<br>Rev 1         |                            |                             |



|          |        |      |         |  |     |     |        |        |
|----------|--------|------|---------|--|-----|-----|--------|--------|
| S10.000  | 63.275 | Pipe | 43.191  |  | 0.6 | 600 | 59.765 | 56.470 |
| S10.001  | 7.958  | Pipe | 15.915  |  | 0.6 | 300 | 59.865 | 56.970 |
| S10.002  | 25.104 | Pipe | 39.534  |  | 0.6 | 225 | 59.285 | 57.605 |
| S10.003  | 8.030  | Pipe | 45.886  |  | 0.6 | 225 | 59.240 | 57.780 |
| S10.004  | 39.456 | Pipe | 99.888  |  | 0.6 | 225 | 59.595 | 58.175 |
| S10.005  | 15.922 | Pipe | 99.511  |  | 0.6 | 225 | 59.760 | 58.335 |
| S10.100  | 59.865 | Pipe | 105.027 |  | 0.6 | 300 | 59.185 | 57.040 |
| S10.101  | 28.177 | Pipe | 106.327 |  | 0.6 | 225 | 58.730 | 57.305 |
| S10.200  | 69.342 | Pipe | 47.011  |  | 0.6 | 300 | 60.990 | 58.515 |
| S10.201  | 31.613 | Pipe | 109.009 |  | 0.6 | 225 | 60.230 | 58.805 |
| S10.300  | 38.843 | Pipe | 25.810  |  | 0.6 | 225 | 61.445 | 60.020 |
| S11.000  | 34.873 | Pipe | 64.579  |  | 0.6 | 600 | 60.805 | 57.010 |
| S11.001  | 35.958 | Pipe | 19.812  |  | 0.6 | 225 | 60.250 | 58.825 |
| S12.000  | 36.378 | Pipe | 64.960  |  | 0.6 | 600 | 61.660 | 57.570 |
| S13.000  | 47.411 | Pipe | 66.776  |  | 0.6 | 600 | 62.265 | 58.280 |
| S13.001  | 40.261 | Pipe | 62.421  |  | 0.6 | 225 | 62.515 | 58.925 |
| S13.002  | 13.802 | Pipe | 145.283 |  | 0.6 | 225 | 62.305 | 59.020 |
| S13.003  | 47.933 | Pipe | 149.791 |  | 0.6 | 225 | 60.765 | 59.340 |
| S14.000  | 13.388 | Pipe | 24.792  |  | 0.6 | 600 | 62.395 | 58.820 |
| S14.001  | 18.108 | Pipe | 10.779  |  | 0.6 | 525 | 62.200 | 60.500 |
| S15.000  | 43.016 | Pipe | 25.156  |  | 0.6 | 525 | 63.600 | 60.530 |
| S15.001  | 32.464 | Pipe | 124.860 |  | 0.6 | 375 | 63.280 | 60.790 |
| S15.002  | 48.560 | Pipe | 294.303 |  | 0.6 | 375 | 62.575 | 60.955 |
| S15.012  | 12.541 | Pipe | 132.008 |  | 0.6 | 375 | 62.550 | 61.050 |
| S15.003  | 18.923 | Pipe | 38.229  |  | 0.6 | 375 | 63.120 | 61.545 |
| S15.004  | 70.230 | Pipe | 34.596  |  | 0.6 | 300 | 65.075 | 63.575 |
| S15.005  | 9.394  | Pipe | 22.103  |  | 0.6 | 300 | 65.500 | 64.000 |
| S15.006  | 13.732 | Pipe | 20.194  |  | 0.6 | 300 | 66.180 | 64.680 |
| S15.007  | 16.899 | Pipe | 19.998  |  | 0.6 | 300 | 67.030 | 65.525 |
| S15.008  | 25.502 | Pipe | 19.467  |  | 0.6 | 225 | 68.275 | 66.835 |
| S15.009  | 39.072 | Pipe | 20.673  |  | 0.6 | 225 | 70.150 | 68.725 |
| S15.100  | 8.274  | Pipe | 33.770  |  | 0.6 | 375 | 63.510 | 60.775 |
| S15.200  | 15.736 | Pipe | 89.918  |  | 0.6 | 375 | 63.670 | 60.950 |
| S15.300  | 48.922 | Pipe | 89.765  |  | 0.6 | 375 | 64.160 | 61.495 |
| S15.400  | 18.461 | Pipe | 90.052  |  | 0.6 | 375 | 64.345 | 61.700 |
| S15.500  | 15.177 | Pipe | 89.276  |  | 0.6 | 375 | 64.500 | 61.870 |
| S15.501  | 26.239 | Pipe | 79.511  |  | 0.6 | 375 | 63.600 | 62.200 |
| S15.600  | 13.068 | Pipe | 19.360  |  | 0.6 | 375 | 64.630 | 62.875 |
| S15.700  | 35.607 | Pipe | 24.987  |  | 0.6 | 375 | 65.945 | 64.300 |
| S15.800  | 12.589 | Pipe | 25.692  |  | 0.6 | 375 | 66.365 | 64.790 |
| S15.801  | 17.897 | Pipe | 62.795  |  | 0.6 | 300 | 66.655 | 65.075 |
| S15.802  | 28.981 | Pipe | 85.237  |  | 0.6 | 300 | 66.915 | 65.415 |
| S15.803  | 13.600 | Pipe | 104.615 |  | 0.6 | 300 | 67.045 | 65.545 |
| S15.804  | 26.445 | Pipe | 25.186  |  | 0.6 | 300 | 68.095 | 66.595 |
| S15.805  | 42.256 | Pipe | 24.285  |  | 0.6 | 300 | 69.835 | 68.335 |
| S15.806  | 22.630 | Pipe | 23.697  |  | 0.6 | 300 | 70.790 | 69.290 |
| S15.807  | 45.519 | Pipe | 75.237  |  | 0.6 | 225 | 71.320 | 69.895 |
| S15.900  | 17.218 | Pipe | 17.048  |  | 0.6 | 225 | 67.200 | 65.800 |
| S15.1000 | 12.998 | Pipe | 19.997  |  | 0.6 | 225 | 67.875 | 66.450 |
| S15.1100 | 9.766  | Pipe | 19.931  |  | 0.6 | 225 | 68.365 | 66.940 |
| S15.1200 | 60.233 | Pipe | 20.011  |  | 0.6 | 225 | 71.435 | 69.950 |
| S15.1300 | 40.895 | Pipe | 19.110  |  | 0.6 | 225 | 73.515 | 72.090 |
| S16.000  | 58.861 | Pipe | 31.903  |  | 0.6 | 525 | 65.855 | 62.375 |
| S16.100  | 8.316  | Pipe | 10.141  |  | 0.6 | 300 | 66.285 | 63.195 |
| S16.200  | 28.152 | Pipe | 14.586  |  | 0.6 | 300 | 66.625 | 65.125 |
| S16.201  | 15.501 | Pipe | 33.335  |  | 0.6 | 225 | 67.280 | 65.590 |
| S16.202  | 13.547 | Pipe | 39.843  |  | 0.6 | 225 | 67.815 | 65.930 |
| S16.203  | 6.495  | Pipe | 39.364  |  | 0.6 | 225 | 68.030 | 66.095 |
| S16.204  | 20.063 | Pipe | 40.126  |  | 0.6 | 225 | 68.020 | 66.595 |
| S16.300  | 12.046 | Pipe | 60.228  |  | 0.6 | 225 | 66.740 | 65.325 |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Connections<br>Storm Phase: Phase                   | Revision:<br>Rev 1         |                            |                             |



|          |        |      |         |  |     |     |        |        |
|----------|--------|------|---------|--|-----|-----|--------|--------|
| S16.400  | 28.351 | Pipe | 97.763  |  | 0.6 | 225 | 67.040 | 65.615 |
| S16.500  | 11.021 | Pipe | 95.836  |  | 0.6 | 450 | 65.720 | 62.490 |
| S16.600  | 36.405 | Pipe | 291.239 |  | 0.6 | 450 | 65.165 | 62.615 |
| S16.700  | 14.556 | Pipe | 291.113 |  | 0.6 | 450 | 64.950 | 62.665 |
| S16.701  | 28.921 | Pipe | 83.829  |  | 0.6 | 300 | 64.510 | 63.010 |
| S16.800  | 21.824 | Pipe | 18.653  |  | 0.6 | 375 | 65.725 | 63.835 |
| S16.1000 | 57.368 | Pipe | 20.024  |  | 0.6 | 300 | 68.885 | 67.385 |
| S16.1100 | 31.477 | Pipe | 27.135  |  | 0.6 | 300 | 70.130 | 68.545 |
| S16.1101 | 22.276 | Pipe | 99.003  |  | 0.6 | 225 | 70.150 | 68.770 |
| S16.1102 | 14.635 | Pipe | 146.348 |  | 0.6 | 225 | 70.295 | 68.870 |
| S16.1200 | 19.341 | Pipe | 43.956  |  | 0.6 | 225 | 70.410 | 68.985 |
| S16.1300 | 16.309 | Pipe | 27.879  |  | 0.6 | 225 | 70.995 | 69.570 |
| S17.000  | 48.301 | Pipe | 17.037  |  | 0.6 | 375 | 68.225 | 65.210 |
| S18.000  | 33.047 | Pipe | 17.960  |  | 0.6 | 375 | 69.855 | 67.050 |
| S18.001  | 27.181 | Pipe | 24.161  |  | 0.6 | 225 | 70.270 | 68.175 |
| S18.002  | 28.698 | Pipe | 28.698  |  | 0.6 | 225 | 70.600 | 69.175 |
| S19.000  | 23.072 | Pipe | 16.964  |  | 0.6 | 300 | 70.960 | 68.410 |
| S20.000  | 32.237 | Pipe | 18.852  |  | 0.6 | 300 | 71.620 | 70.120 |
| S21.000  | 23.212 | Pipe | 35.438  |  | 0.6 | 225 | 72.775 | 70.775 |
| S22.000  | 53.503 | Pipe | 39.928  |  | 0.6 | 225 | 74.340 | 72.115 |
| S23.000  | 28.027 | Pipe | 59.005  |  | 0.6 | 225 | 74.015 | 72.590 |
| S24.000  | 4.829  | Pipe | 96.583  |  | 0.6 | 375 | 55.140 | 53.620 |
| S24.100  | 15.853 | Pipe | 99.083  |  | 0.6 | 375 | 55.770 | 53.780 |
| S24.200  | 13.962 | Pipe | 199.457 |  | 0.6 | 375 | 56.090 | 53.850 |
| S24.201  | 10.277 | Pipe | 293.636 |  | 0.6 | 375 | 55.895 | 53.885 |
| S24.300  | 72.621 | Pipe | 55.225  |  | 0.6 | 375 | 57.675 | 55.165 |
| S24.400  | 8.920  | Pipe | 77.563  |  | 0.6 | 300 | 57.905 | 55.280 |
| S24.800  | 15.693 | Pipe | 149.454 |  | 0.6 | 225 | 57.390 | 55.710 |
| S24.900  | 18.181 | Pipe | 145.445 |  | 0.6 | 225 | 56.960 | 55.835 |
| S16.900  | 21.632 | Pipe | 31.580  |  | 0.6 | 300 | 66.590 | 64.520 |
| S16.901  | 4.000  | Pipe | 199.987 |  | 0.6 | 300 | 66.550 | 64.540 |

| Name    | Downstream Cover Level (m) | Downstream Invert Level (m) | Part Family | Lock   | Flow Restriction (L/s) | Culvert Type | Culvert Entrance | Wall Thickness (mm) |
|---------|----------------------------|-----------------------------|-------------|--------|------------------------|--------------|------------------|---------------------|
| 2.200   | 56.690                     | 54.010                      |             | None   |                        | (None)       | (None)           | 0                   |
| 2.002   | 56.350                     | 53.990                      |             | None   |                        | (None)       | (None)           | 0                   |
| 2.001   | 54.830                     | 53.930                      |             | None   | 189.5                  | (None)       | (None)           | 0                   |
| 2.000   | 54.700                     | 53.910                      |             | None   |                        | (None)       | (None)           | 0                   |
| 2.300   | 56.100                     | 54.010                      |             | None   |                        | (None)       | (None)           | 0                   |
| 2.101   | 55.830                     | 54.590                      |             | None   |                        | (None)       | (None)           | 0                   |
| 2.100   | 56.350                     | 54.515                      |             | Levels |                        | (None)       | (None)           | 0                   |
| S2.300  | 56.500                     | 54.600                      |             | None   |                        | (None)       | (None)           | 0                   |
| S2.400  | 56.490                     | 54.625                      |             | None   |                        | (None)       | (None)           | 0                   |
| S5.000  | 56.165                     | 54.310                      |             | None   |                        | (None)       | (None)           | 0                   |
| S4.000  | 56.315                     | 54.290                      |             | None   |                        | (None)       | (None)           | 0                   |
| S4.100  | 56.165                     | 54.310                      |             | None   |                        | (None)       | (None)           | 0                   |
| S4.101  | 56.590                     | 54.875                      |             | None   |                        | (None)       | (None)           | 0                   |
| S4.200  | 56.590                     | 54.875                      |             | None   |                        | (None)       | (None)           | 0                   |
| S6.000  | 56.680                     | 54.580                      |             | None   |                        | (None)       | (None)           | 0                   |
| S7.000  | 57.075                     | 54.725                      |             | None   |                        | (None)       | (None)           | 0                   |
| S8.000  | 57.350                     | 54.825                      |             | None   |                        | (None)       | (None)           | 0                   |
| S9.000  | 57.660                     | 54.940                      |             | None   |                        | (None)       | (None)           | 0                   |
| S9.001  | 57.885                     | 55.005                      |             | None   |                        | (None)       | (None)           | 0                   |
| S9.002  | 57.705                     | 55.675                      |             | None   |                        | (None)       | (None)           | 0                   |
| S9.100  | 57.885                     | 55.005                      |             | None   |                        | (None)       | (None)           | 0                   |
| S9.200  | 58.055                     | 55.270                      |             | None   |                        | (None)       | (None)           | 0                   |
| S9.300  | 58.050                     | 55.385                      |             | None   |                        | (None)       | (None)           | 0                   |
| S9.400  | 57.600                     | 55.790                      |             | None   |                        | (None)       | (None)           | 0                   |
| S24.700 | 58.080                     | 55.465                      |             | None   |                        | (None)       | (None)           | 0                   |
| S24.600 | 58.190                     | 55.340                      |             | None   |                        | (None)       | (None)           | 0                   |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Connections<br>Storm Phase: Phase                   | Revision:<br>Rev 1         |                            |                             |



|         |        |        |      |        |        |   |
|---------|--------|--------|------|--------|--------|---|
| S24.500 | 57.905 | 55.280 | None | (None) | (None) | 0 |
| S9.500  | 58.060 | 56.120 | None | (None) | (None) | 0 |
| S9.600  | 58.290 | 56.280 | None | (None) | (None) | 0 |
| S9.601  | 59.900 | 56.760 | None | (None) | (None) | 0 |
| S9.700  | 59.900 | 56.760 | None | (None) | (None) | 0 |
| S9.701  | 59.575 | 57.545 | None | (None) | (None) | 0 |
| S9.702  | 59.645 | 58.000 | None | (None) | (None) | 0 |
| S9.800  | 59.575 | 57.545 | None | (None) | (None) | 0 |
| S9.900  | 59.690 | 57.810 | None | (None) | (None) | 0 |
| S9.1000 | 60.955 | 58.960 | None | (None) | (None) | 0 |
| S9.1001 | 61.165 | 58.995 | None | (None) | (None) | 0 |
| S9.1002 | 61.315 | 59.525 | None | (None) | (None) | 0 |
| S9.1100 | 61.165 | 58.995 | None | (None) | (None) | 0 |
| S9.1200 | 61.385 | 59.040 | None | (None) | (None) | 0 |
| S9.1201 | 61.725 | 59.160 | None | (None) | (None) | 0 |
| S9.1202 | 62.840 | 60.650 | None | (None) | (None) | 0 |
| S9.1203 | 63.145 | 61.065 | None | (None) | (None) | 0 |
| S9.1204 | 63.220 | 61.400 | None | (None) | (None) | 0 |
| S9.1205 | 63.100 | 61.645 | None | (None) | (None) | 0 |
| S9.1206 | 62.840 | 60.650 | None | (None) | (None) | 0 |
| S9.1207 | 62.940 | 61.410 | None | (None) | (None) | 0 |
| S9.1300 | 61.725 | 59.160 | None | (None) | (None) | 0 |
| S9.1400 | 61.660 | 59.325 | None | (None) | (None) | 0 |
| S9.1500 | 61.440 | 59.425 | None | (None) | (None) | 0 |
| S9.1600 | 61.285 | 59.495 | None | (None) | (None) | 0 |
| S9.1601 | 61.255 | 59.605 | None | (None) | (None) | 0 |
| S9.1602 | 62.570 | 61.145 | None | (None) | (None) | 0 |
| S9.1603 | 62.865 | 61.485 | None | (None) | (None) | 0 |
| S9.1604 | 63.140 | 61.755 | None | (None) | (None) | 0 |
| S9.1700 | 61.255 | 59.605 | None | (None) | (None) | 0 |
| S10.000 | 57.885 | 55.005 | None | (None) | (None) | 0 |
| S10.001 | 59.765 | 56.470 | None | (None) | (None) | 0 |
| S10.002 | 59.865 | 56.970 | None | (None) | (None) | 0 |
| S10.003 | 59.285 | 57.605 | None | (None) | (None) | 0 |
| S10.004 | 59.240 | 57.780 | None | (None) | (None) | 0 |
| S10.005 | 59.595 | 58.175 | None | (None) | (None) | 0 |
| S10.100 | 59.765 | 56.470 | None | (None) | (None) | 0 |
| S10.101 | 59.185 | 57.040 | None | (None) | (None) | 0 |
| S10.200 | 59.185 | 57.040 | None | (None) | (None) | 0 |
| S10.201 | 60.990 | 58.515 | None | (None) | (None) | 0 |
| S10.300 | 60.990 | 58.515 | None | (None) | (None) | 0 |
| S11.000 | 59.765 | 56.470 | None | (None) | (None) | 0 |
| S11.001 | 60.805 | 57.010 | None | (None) | (None) | 0 |
| S12.000 | 60.805 | 57.010 | None | (None) | (None) | 0 |
| S13.000 | 61.660 | 57.570 | None | (None) | (None) | 0 |
| S13.001 | 62.265 | 58.280 | None | (None) | (None) | 0 |
| S13.002 | 62.515 | 58.925 | None | (None) | (None) | 0 |
| S13.003 | 62.305 | 59.020 | None | (None) | (None) | 0 |
| S14.000 | 62.265 | 58.280 | None | 111.6  | (None) | 0 |
| S14.001 | 62.395 | 58.820 | None | (None) | (None) | 0 |
| S15.000 | 62.395 | 58.820 | None | (None) | (None) | 0 |
| S15.001 | 63.600 | 60.530 | None | (None) | (None) | 0 |
| S15.002 | 63.280 | 60.790 | None | 10.9   | (None) | 0 |
| S15.012 | 62.575 | 60.955 | None | (None) | (None) | 0 |
| S15.003 | 62.550 | 61.050 | None | (None) | (None) | 0 |
| S15.004 | 63.120 | 61.545 | None | (None) | (None) | 0 |
| S15.005 | 65.075 | 63.575 | None | (None) | (None) | 0 |
| S15.006 | 65.500 | 64.000 | None | (None) | (None) | 0 |
| S15.007 | 66.180 | 64.680 | None | (None) | (None) | 0 |
| S15.008 | 67.030 | 65.525 | None | (None) | (None) | 0 |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Connections<br>Storm Phase: Phase                   | Revision:<br>Rev 1         |                            |                             |



|          |        |        |      |        |        |   |
|----------|--------|--------|------|--------|--------|---|
| S15.009  | 68.275 | 66.835 | None | (None) | (None) | 0 |
| S15.100  | 63.600 | 60.530 | None | (None) | (None) | 0 |
| S15.200  | 63.510 | 60.775 | None | (None) | (None) | 0 |
| S15.300  | 63.670 | 60.950 | None | (None) | (None) | 0 |
| S15.400  | 64.160 | 61.495 | None | (None) | (None) | 0 |
| S15.500  | 64.345 | 61.700 | None | 12.0   | (None) | 0 |
| S15.501  | 64.500 | 61.870 | None | (None) | (None) | 0 |
| S15.600  | 63.600 | 62.200 | None | (None) | (None) | 0 |
| S15.700  | 64.630 | 62.875 | None | (None) | (None) | 0 |
| S15.800  | 65.945 | 64.300 | None | (None) | (None) | 0 |
| S15.801  | 66.365 | 64.790 | None | (None) | (None) | 0 |
| S15.802  | 66.655 | 65.075 | None | (None) | (None) | 0 |
| S15.803  | 66.915 | 65.415 | None | (None) | (None) | 0 |
| S15.804  | 67.045 | 65.545 | None | (None) | (None) | 0 |
| S15.805  | 68.095 | 66.595 | None | (None) | (None) | 0 |
| S15.806  | 69.835 | 68.335 | None | (None) | (None) | 0 |
| S15.807  | 70.790 | 69.290 | None | (None) | (None) | 0 |
| S15.900  | 66.365 | 64.790 | None | (None) | (None) | 0 |
| S15.1000 | 67.200 | 65.800 | None | (None) | (None) | 0 |
| S15.1100 | 67.875 | 66.450 | None | (None) | (None) | 0 |
| S15.1200 | 68.365 | 66.940 | None | (None) | (None) | 0 |
| S15.1300 | 71.435 | 69.950 | None | (None) | (None) | 0 |
| S16.000  | 63.600 | 60.530 | None | (None) | (None) | 0 |
| S16.100  | 65.855 | 62.375 | None | (None) | (None) | 0 |
| S16.200  | 66.285 | 63.195 | None | (None) | (None) | 0 |
| S16.201  | 66.625 | 65.125 | None | (None) | (None) | 0 |
| S16.202  | 67.280 | 65.590 | None | (None) | (None) | 0 |
| S16.203  | 67.815 | 65.930 | None | (None) | (None) | 0 |
| S16.204  | 68.030 | 66.095 | None | (None) | (None) | 0 |
| S16.300  | 66.625 | 65.125 | None | (None) | (None) | 0 |
| S16.400  | 66.740 | 65.325 | None | (None) | (None) | 0 |
| S16.500  | 65.855 | 62.375 | None | (None) | (None) | 0 |
| S16.600  | 65.720 | 62.490 | None | (None) | (None) | 0 |
| S16.700  | 65.165 | 62.615 | None | (None) | (None) | 0 |
| S16.701  | 64.950 | 62.665 | None | (None) | (None) | 0 |
| S16.800  | 64.950 | 62.665 | None | (None) | (None) | 0 |
| S16.1000 | 66.590 | 64.520 | None | (None) | (None) | 0 |
| S16.1100 | 68.885 | 67.385 | None | (None) | (None) | 0 |
| S16.1101 | 70.130 | 68.545 | None | (None) | (None) | 0 |
| S16.1102 | 70.150 | 68.770 | None | (None) | (None) | 0 |
| S16.1200 | 70.130 | 68.545 | None | (None) | (None) | 0 |
| S16.1300 | 70.410 | 68.985 | None | (None) | (None) | 0 |
| S17.000  | 65.855 | 62.375 | None | (None) | (None) | 0 |
| S18.000  | 68.225 | 65.210 | None | (None) | (None) | 0 |
| S18.001  | 69.855 | 67.050 | None | (None) | (None) | 0 |
| S18.002  | 70.270 | 68.175 | None | (None) | (None) | 0 |
| S19.000  | 69.855 | 67.050 | None | (None) | (None) | 0 |
| S20.000  | 70.960 | 68.410 | None | (None) | (None) | 0 |
| S21.000  | 71.620 | 70.120 | None | (None) | (None) | 0 |
| S22.000  | 72.775 | 70.775 | None | (None) | (None) | 0 |
| S23.000  | 74.340 | 72.115 | None | (None) | (None) | 0 |
| S24.000  | 55.030 | 53.570 | None | (None) | (None) | 0 |
| S24.100  | 55.140 | 53.620 | None | 6.6    | (None) | 0 |
| S24.200  | 55.770 | 53.780 | None | (None) | (None) | 0 |
| S24.201  | 56.090 | 53.850 | None | (None) | (None) | 0 |
| S24.300  | 56.090 | 53.850 | None | (None) | (None) | 0 |
| S24.400  | 57.675 | 55.165 | None | (None) | (None) | 0 |
| S24.800  | 57.970 | 55.605 | None | (None) | (None) | 0 |
| S24.900  | 57.390 | 55.710 | None | (None) | (None) | 0 |
| S16.900  | 65.725 | 63.835 | None | 10.9   | (None) | 0 |



|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Connections<br>Storm Phase: Phase                   |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

|         |        |        |      |        |        |   |
|---------|--------|--------|------|--------|--------|---|
| S16.901 | 66.590 | 64.520 | None | (None) | (None) | 0 |
|---------|--------|--------|------|--------|--------|---|

| Name    | Material | Trench Width (mm) | Bedding Material | Surrounding Material |
|---------|----------|-------------------|------------------|----------------------|
| 2.200   |          | 0                 |                  |                      |
| 2.002   |          | 0                 |                  |                      |
| 2.001   |          | 0                 |                  |                      |
| 2.000   |          | 0                 |                  |                      |
| 2.300   |          | 0                 |                  |                      |
| 2.101   |          | 0                 |                  |                      |
| 2.100   |          | 0                 |                  |                      |
| S2.300  |          | 0                 |                  |                      |
| S2.400  |          | 0                 |                  |                      |
| S5.000  |          | 0                 |                  |                      |
| S4.000  |          | 0                 |                  |                      |
| S4.100  |          | 0                 |                  |                      |
| S4.101  |          | 0                 |                  |                      |
| S4.200  |          | 0                 |                  |                      |
| S6.000  |          | 0                 |                  |                      |
| S7.000  |          | 0                 |                  |                      |
| S8.000  |          | 0                 |                  |                      |
| S9.000  |          | 0                 |                  |                      |
| S9.001  |          | 0                 |                  |                      |
| S9.002  |          | 0                 |                  |                      |
| S9.100  |          | 0                 |                  |                      |
| S9.200  |          | 0                 |                  |                      |
| S9.300  |          | 0                 |                  |                      |
| S9.400  |          | 0                 |                  |                      |
| S24.700 |          | 0                 |                  |                      |
| S24.600 |          | 0                 |                  |                      |
| S24.500 |          | 0                 |                  |                      |
| S9.500  |          | 0                 |                  |                      |
| S9.600  |          | 0                 |                  |                      |
| S9.601  |          | 0                 |                  |                      |
| S9.700  |          | 0                 |                  |                      |
| S9.701  |          | 0                 |                  |                      |
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| S9.1202 |          | 0                 |                  |                      |
| S9.1203 |          | 0                 |                  |                      |
| S9.1204 |          | 0                 |                  |                      |
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| S9.1206 |          | 0                 |                  |                      |
| S9.1207 |          | 0                 |                  |                      |
| S9.1300 |          | 0                 |                  |                      |
| S9.1400 |          | 0                 |                  |                      |
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| S9.1602 |          | 0                 |                  |                      |
| S9.1603 |          | 0                 |                  |                      |
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| S10.000 |          | 0                 |                  |                      |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Connections<br>Storm Phase: Phase                   | Revision:<br>Rev 1         |                            |                             |



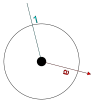
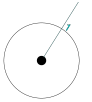
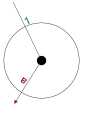
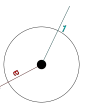
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| S10.004  | 0 |  |  |
| S10.005  | 0 |  |  |
| S10.100  | 0 |  |  |
| S10.101  | 0 |  |  |
| S10.200  | 0 |  |  |
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| S10.300  | 0 |  |  |
| S11.000  | 0 |  |  |
| S11.001  | 0 |  |  |
| S12.000  | 0 |  |  |
| S13.000  | 0 |  |  |
| S13.001  | 0 |  |  |
| S13.002  | 0 |  |  |
| S13.003  | 0 |  |  |
| S14.000  | 0 |  |  |
| S14.001  | 0 |  |  |
| S15.000  | 0 |  |  |
| S15.001  | 0 |  |  |
| S15.002  | 0 |  |  |
| S15.012  | 0 |  |  |
| S15.003  | 0 |  |  |
| S15.004  | 0 |  |  |
| S15.005  | 0 |  |  |
| S15.006  | 0 |  |  |
| S15.007  | 0 |  |  |
| S15.008  | 0 |  |  |
| S15.009  | 0 |  |  |
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| S15.500  | 0 |  |  |
| S15.501  | 0 |  |  |
| S15.600  | 0 |  |  |
| S15.700  | 0 |  |  |
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| S15.801  | 0 |  |  |
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| S15.807  | 0 |  |  |
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| S15.1000 | 0 |  |  |
| S15.1100 | 0 |  |  |
| S15.1200 | 0 |  |  |
| S15.1300 | 0 |  |  |
| S16.000  | 0 |  |  |
| S16.100  | 0 |  |  |
| S16.200  | 0 |  |  |
| S16.201  | 0 |  |  |
| S16.202  | 0 |  |  |
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| S16.204  | 0 |  |  |
| S16.300  | 0 |  |  |
| S16.400  | 0 |  |  |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Connections<br>Storm Phase: Phase                   | Revision:<br>Rev 1         |                            |                             |



|          |  |   |  |  |
|----------|--|---|--|--|
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| S16.701  |  | 0 |  |  |
| S16.800  |  | 0 |  |  |
| S16.1000 |  | 0 |  |  |
| S16.1100 |  | 0 |  |  |
| S16.1101 |  | 0 |  |  |
| S16.1102 |  | 0 |  |  |
| S16.1200 |  | 0 |  |  |
| S16.1300 |  | 0 |  |  |
| S17.000  |  | 0 |  |  |
| S18.000  |  | 0 |  |  |
| S18.001  |  | 0 |  |  |
| S18.002  |  | 0 |  |  |
| S19.000  |  | 0 |  |  |
| S20.000  |  | 0 |  |  |
| S21.000  |  | 0 |  |  |
| S22.000  |  | 0 |  |  |
| S23.000  |  | 0 |  |  |
| S24.000  |  | 0 |  |  |
| S24.100  |  | 0 |  |  |
| S24.200  |  | 0 |  |  |
| S24.201  |  | 0 |  |  |
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| S24.400  |  | 0 |  |  |
| S24.800  |  | 0 |  |  |
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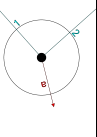
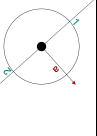
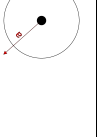
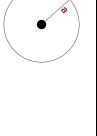
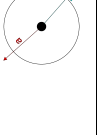
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|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
|                                                                              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S2.2.0                               | 56.315<br>54.290                    |    | Diameter / Length: 2.400 | {1} S4.000           | Pipe            | 54.290                | Diam/Width: 825      | Manhole        | {a} Free Discharge |                     |
| E:519492.4<br>11<br>N:133824.9<br>76 | 2.025                               |                                                                                     |                          | {a} 2.200            | Pipe            | 54.290                | Diam/Width: 825      | Not Applicable |                    |                     |
| S2.1.1                               | 56.350<br>53.990                    |  | Diameter / Length: 2.400 | {1} 2.002            | Pipe            | 53.990                | Diam/Width: 750      | Manhole        | {a} Multiple       | 53.990              |
| E:519481.4<br>29<br>N:133802.2<br>64 | 2.360                               |                                                                                     |                          | {2} 2.100            | Pipe            | 54.515                | Diam/Width: 225      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} 2.001            | Pipe            | 53.990                | Diam/Width: 450      | Not Applicable |                    |                     |
| HW 2.1                               | 54.700<br>53.910                    |  | Diameter / Length: 1.200 | {1} 2.000            | Pipe            | 53.910                | Diam/Width: 450      | Manhole        |                    |                     |
| E:519486.8<br>42<br>N:133780.0<br>53 | 0.790                               |                                                                                     |                          |                      |                 |                       |                      | Not Applicable |                    |                     |
| S2.1.0                               | 54.830<br>53.930                    |  | Diameter / Length: 1.500 | {1} 2.001            | Pipe            | 53.930                | Diam/Width: 450      | Manhole        | {a} Free Discharge |                     |
| E:519489.8<br>67<br>N:133784.8<br>51 | 0.900                               |                                                                                     |                          | {a} 2.000            | Pipe            | 53.930                | Diam/Width: 450      | Not Applicable |                    |                     |
| S2.3.0                               | 56.500<br>54.600                    |  | Diameter / Length: 1.200 | {1} S2.300           | Pipe            | 54.600                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519571.9<br>50<br>N:133836.3<br>43 | 1.900                               |                                                                                     |                          | {a} 2.300            | Pipe            | 54.600                | Diam/Width: 300      | Not Applicable |                    |                     |

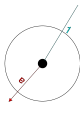
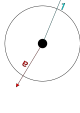
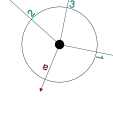
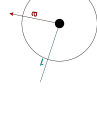
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|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S2.1.3                               | 56.000<br>54.665                    |    | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519473.4<br>81<br>N:133816.7<br>11 | 1.335                               |                                                                                     |                          | {a} 2.101            | Pipe            | 54.665                | Diam/Width: 225      | Not Applicable |                    |                     |
| S2.1.2                               | 55.830<br>54.590                    |  | Diameter / Length: 1.200 | {1} 2.101            | Pipe            | 54.590                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519467.4<br>13<br>N:133804.5<br>40 | 1.240                               |                                                                                     |                          | {a} 2.100            | Pipe            | 54.590                | Diam/Width: 225      | Not Applicable |                    |                     |
| S2.4.0                               | 56.490<br>54.625                    |  | Diameter / Length: 1.200 | {1} S2.400           | Pipe            | 54.625                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519574.1<br>20<br>N:133840.8<br>47 | 1.865                               |                                                                                     |                          | {a} S2.300           | Pipe            | 54.625                | Diam/Width: 300      | Not Applicable |                    |                     |
| S2.5.0                               | 56.800<br>54.940                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519541.9<br>02<br>N:133856.3<br>68 | 1.860                               |                                                                                     |                          | {a} S2.400           | Pipe            | 54.940                | Diam/Width: 225      | Not Applicable |                    |                     |
| S5.0.0                               | 56.680<br>54.580                    |  | Diameter / Length: 1.200 | {1} S6.000           | Pipe            | 54.580                | Diam/Width: 750      | Manhole        | {a} Free Discharge |                     |
| E:519512.2<br>88<br>N:133854.0<br>17 | 2.100                               |                                                                                     |                          | {a} S5.000           | Pipe            | 54.580                | Diam/Width: 750      | Not Applicable |                    |                     |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              | Revision:<br>Rev 1         |                            |                             |                                                                                     |

| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)              | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                              |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S4.0.0                       | 56.165<br>54.310                    |    | Diameter / Length: 1.200 | {1} S4.100           | Pipe            | 54.310                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519490.104<br>N:133834.237 | 1.855                               |                                                                                     |                          | {2} S5.000           | Pipe            | 54.310                | Diam/Width: 750      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S4.000           | Pipe            | 54.310                | Diam/Width: 825      | Not Applicable |                    |                     |
| S4.1.0                       | 56.590<br>54.875                    |  | Diameter / Length: 1.200 | {1} S4.101           | Pipe            | 54.875                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519482.754<br>N:133842.473 | 1.715                               |                                                                                     |                          | {2} S4.200           | Pipe            | 54.875                | Diam/Width: 300      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S4.100           | Pipe            | 54.875                | Diam/Width: 300      | Not Applicable |                    |                     |
| S4.1.1                       | 57.240<br>56.115                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519510.777<br>N:133867.446 | 1.125                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S4.101           | Pipe            | 56.115                | Diam/Width: 225      | Not Applicable |                    |                     |
| S4.2.0                       | 55.980<br>54.995                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519456.438<br>N:133819.021 | 0.985                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S4.200           | Pipe            | 54.995                | Diam/Width: 300      | Not Applicable |                    |                     |
| S6.0.0                       | 57.075<br>54.725                    |  | Diameter / Length: 1.200 | {1} S7.000           | Pipe            | 54.725                | Diam/Width: 750      | Manhole        | {a} Free Discharge |                     |
| E:519528.952<br>N:133868.874 | 2.350                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S6.000           | Pipe            | 54.725                | Diam/Width: 750      | Not Applicable |                    |                     |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |

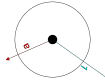
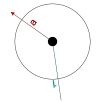
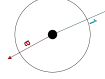
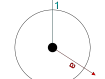
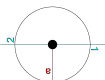
| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details                                                                  |                          |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|--------------------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections                                                                | Connection Type          | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections                                                                |                          |                       |                      | Cover          |                    |                     |
| S7.0.0                               | 57.350<br>54.825                    |    | Diameter / Length: 1.200 | {1} S8.000                                                                          | Pipe                     | 54.825                | Diam/Width: 750      | Manhole        | {a} Free Discharge |                     |
| E:519539.1<br>13<br>N:133880.3<br>66 | 2.525                               |                                                                                     |                          | {a} S7.000                                                                          | Pipe                     | 54.825                | Diam/Width: 750      | Not Applicable |                    |                     |
| S8.0.0                               | 57.660<br>54.940                    |                                                                                     |                          |  | Diameter / Length: 1.200 | {1} S9.000            | Pipe                 | 54.940         | Diam/Width: 750    |                     |
| E:519548.1<br>21<br>N:133895.2<br>25 | 2.720                               | {a} S8.000                                                                          | Pipe                     |                                                                                     |                          | 54.940                | Diam/Width: 750      | Not Applicable |                    |                     |
| S9.0.0                               | 57.885<br>55.005                    |  | Diameter / Length: 1.200 |                                                                                     |                          | {1} S9.001            | Pipe                 | 55.005         | Diam/Width: 300    | Manhole             |
| E:519553.0<br>53<br>N:133907.1<br>49 | 2.880                               |                                                                                     |                          | {2} S9.100                                                                          | Pipe                     | 55.005                | Diam/Width: 675      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {3} S10.000                                                                         | Pipe                     | 55.005                | Diam/Width: 600      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S9.000                                                                          | Pipe                     | 55.005                | Diam/Width: 750      | Not Applicable |                    |                     |
| S9.0.1                               | 57.705<br>55.675                    |  | Diameter / Length: 1.200 | {1} S9.002                                                                          | Pipe                     | 55.675                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519601.7<br>00<br>N:133897.3<br>39 | 2.030                               |                                                                                     |                          | {a} S9.001                                                                          | Pipe                     | 55.675                | Diam/Width: 300      | Not Applicable |                    |                     |

|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

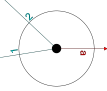
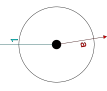
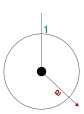
| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S9.0.2                               | 56.915<br>55.975                    |    | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519591.2<br>22<br>N:133865.5<br>37 | 0.940                               |                                                                                     |                          | {a} S9.002           | Pipe            | 55.975                | Diam/Width: 225      | Not Applicable |                    |                     |
| S9.1.0                               | 58.055<br>55.270                    |  | Diameter / Length: 1.200 | {1} S9.200           | Pipe            | 55.270                | Diam/Width: 675      | Manhole        | {a} Free Discharge |                     |
| E:519546.7<br>08<br>N:133912.8<br>19 | 2.785                               |                                                                                     |                          | {a} S9.100           | Pipe            | 55.270                | Diam/Width: 675      | Not Applicable |                    |                     |
| S9.2.0                               | 58.050<br>55.385                    |  | Diameter / Length: 1.200 | {1} S9.300           | Pipe            | 55.385                | Diam/Width: 600      | Manhole        | {a} Free Discharge |                     |
| E:519532.5<br>66<br>N:133916.9<br>65 | 2.665                               |                                                                                     |                          | {a} S9.200           | Pipe            | 55.385                | Diam/Width: 675      | Not Applicable |                    |                     |
| S9.3.0                               | 57.600<br>55.790                    |  | Diameter / Length: 1.200 | {1} S9.400           | Pipe            | 55.790                | Diam/Width: 600      | Manhole        | {a} Free Discharge |                     |
| E:519490.5<br>52<br>N:133909.5<br>61 | 1.810                               |                                                                                     |                          | {a} S9.300           | Pipe            | 55.790                | Diam/Width: 600      | Not Applicable |                    |                     |
| S9.4.0                               | 58.060<br>56.120                    |  | Diameter / Length: 1.200 | {1} S9.500           | Pipe            | 56.120                | Diam/Width: 525      | Manhole        | {a} Free Discharge |                     |
| E:519448.1<br>22<br>N:133908.3<br>87 | 1.940                               |                                                                                     |                          | {a} S9.400           | Pipe            | 56.120                | Diam/Width: 600      | Not Applicable |                    |                     |



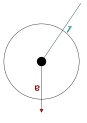
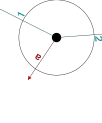
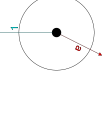
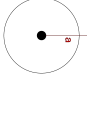
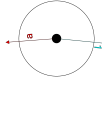
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| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
|                                                                              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)              | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                              |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S24.6.0                      | 58.080<br>55.465                    |    | Diameter / Length: 1.200 | {1} S24.700          | Pipe            | 55.465                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519444.298<br>N:133905.660 | 2.615                               |                                                                                     |                          | {a} S24.600          | Pipe            | 55.465                | Diam/Width: 300      | Not Applicable |                    |                     |
| S24.7.0                      | 57.970<br>55.605                    |  | Diameter / Length: 1.200 | {1} S24.800          | Pipe            | 55.605                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519451.880<br>N:133900.303 | 2.365                               |                                                                                     |                          | {a} S24.700          | Pipe            | 55.605                | Diam/Width: 225      | Not Applicable |                    |                     |
| S24.5.0                      | 58.190<br>55.340                    |  | Diameter / Length: 1.200 | {1} S24.600          | Pipe            | 55.340                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519418.685<br>N:133894.446 | 2.850                               |                                                                                     |                          | {a} S24.500          | Pipe            | 55.340                | Diam/Width: 300      | Not Applicable |                    |                     |
| S9.5.0                       | 58.290<br>56.280                    |  | Diameter / Length: 1.200 | {1} S9.600           | Pipe            | 56.280                | Diam/Width: 525      | Manhole        | {a} Free Discharge |                     |
| E:519439.913<br>N:133913.680 | 2.010                               |                                                                                     |                          | {a} S9.500           | Pipe            | 56.280                | Diam/Width: 525      | Not Applicable |                    |                     |
| S9.6.0                       | 59.900<br>56.760                    |  | Diameter / Length: 1.200 | {1} S9.601           | Pipe            | 56.760                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519439.921<br>N:133965.430 | 3.140                               |                                                                                     |                          | {2} S9.700           | Pipe            | 56.760                | Diam/Width: 450      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S9.600           | Pipe            | 56.760                | Diam/Width: 525      | Not Applicable |                    |                     |

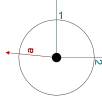
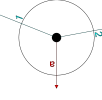
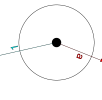
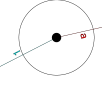
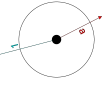
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|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
|                                                                              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)              | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                              |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S9.6.1                       | 59.740<br>58.315                    |    | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519457.160<br>N:133965.390 | 1.425                               |                                                                                     |                          | {a} S9.601           | Pipe            | 58.315                | Diam/Width: 225      | Not Applicable |                    |                     |
| S9.7.0                       | 59.575<br>57.545                    |  | Diameter / Length: 1.200 | {1} S9.701           | Pipe            | 57.545                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519414.604<br>N:133965.489 | 2.030                               |                                                                                     |                          | {2} S9.800           | Pipe            | 57.545                | Diam/Width: 450      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S9.700           | Pipe            | 57.545                | Diam/Width: 450      | Not Applicable |                    |                     |
| S9.7.1                       | 59.645<br>58.000                    |  | Diameter / Length: 1.200 | {1} S9.702           | Pipe            | 58.000                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519402.685<br>N:133963.592 | 1.645                               |                                                                                     |                          | {a} S9.701           | Pipe            | 58.000                | Diam/Width: 225      | Not Applicable |                    |                     |
| S9.7.2                       | 59.475<br>58.350                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519387.718<br>N:133963.592 | 1.125                               |                                                                                     |                          | {a} S9.702           | Pipe            | 58.350                | Diam/Width: 225      | Not Applicable |                    |                     |
| S9.8.0                       | 59.690<br>57.810                    |  | Diameter / Length: 1.200 | {1} S9.900           | Pipe            | 57.810                | Diam/Width: 450      | Manhole        | {a} Free Discharge |                     |
| E:519406.945<br>N:133972.671 | 1.880                               |                                                                                     |                          | {a} S9.800           | Pipe            | 57.810                | Diam/Width: 450      | Not Applicable |                    |                     |

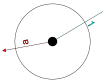
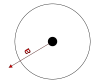
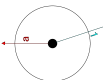
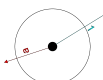
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| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
|                                                                              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)              | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                              |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S9.9.0                       | 60.955<br>58.960                    |    | Diameter / Length: 1.200 | {1} S9.1000          | Pipe            | 58.960                | Diam/Width: 450      | Manhole        | {a} Free Discharge |                     |
| E:519406.945<br>N:134025.273 | 1.995                               |                                                                                     |                          | {a} S9.900           | Pipe            | 58.960                | Diam/Width: 450      | Not Applicable |                    |                     |
| S9.10.0                      | 61.165<br>58.995                    |  | Diameter / Length: 1.200 | {1} S9.1001          | Pipe            | 58.995                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519412.399<br>N:134033.352 | 2.170                               |                                                                                     |                          | {2} S9.1100          | Pipe            | 58.995                | Diam/Width: 450      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S9.1000          | Pipe            | 58.995                | Diam/Width: 450      | Not Applicable |                    |                     |
| S9.10.1                      | 61.315<br>59.525                    |  | Diameter / Length: 1.200 | {1} S9.1002          | Pipe            | 59.525                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519406.749<br>N:134036.195 | 1.790                               |                                                                                     |                          | {a} S9.1001          | Pipe            | 59.525                | Diam/Width: 225      | Not Applicable |                    |                     |
| S9.10.2                      | 61.410<br>60.285                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519385.068<br>N:134036.210 | 1.125                               |                                                                                     |                          | {a} S9.1002          | Pipe            | 60.285                | Diam/Width: 225      | Not Applicable |                    |                     |
| S9.11.0                      | 61.385<br>59.040                    |  | Diameter / Length: 1.200 | {1} S9.1200          | Pipe            | 59.040                | Diam/Width: 450      | Manhole        | {a} Free Discharge |                     |
| E:519425.882<br>N:134034.372 | 2.345                               |                                                                                     |                          | {a} S9.1100          | Pipe            | 59.040                | Diam/Width: 450      | Not Applicable |                    |                     |

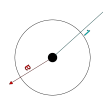
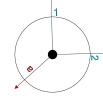
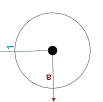
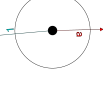
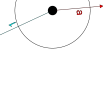
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| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S9.12.0                              | 61.725<br>59.160                    |    | Diameter / Length: 1.200 | {1} S9.1201          | Pipe            | 59.160                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519460.5<br>26<br>N:134030.9<br>42 | 2.565                               |                                                                                     |                          | {2} S9.1300          | Pipe            | 59.160                | Diam/Width: 450      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S9.1200          | Pipe            | 59.160                | Diam/Width: 450      | Not Applicable |                    |                     |
| S9.12.1                              | 62.840<br>60.650                    |  | Diameter / Length: 1.200 | {1} S9.1202          | Pipe            | 60.650                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519460.5<br>26<br>N:134087.7<br>97 | 2.190                               |                                                                                     |                          | {2} S9.1206          | Pipe            | 60.650                | Diam/Width: 225      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S9.1201          | Pipe            | 60.650                | Diam/Width: 300      | Not Applicable |                    |                     |
| S9.12.2                              | 63.145<br>61.065                    |  | Diameter / Length: 1.200 | {1} S9.1203          | Pipe            | 61.065                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519446.3<br>18<br>N:134093.4<br>66 | 2.080                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S9.1202          | Pipe            | 61.065                | Diam/Width: 225      | Not Applicable |                    |                     |
| S9.12.3                              | 63.220<br>61.400                    |  | Diameter / Length: 1.200 | {1} S9.1204          | Pipe            | 61.400                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519431.5<br>84<br>N:134090.1<br>35 | 1.820                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S9.1203          | Pipe            | 61.400                | Diam/Width: 225      | Not Applicable |                    |                     |
| S9.12.4                              | 63.100<br>61.645                    |  | Diameter / Length: 1.200 | {1} S9.1205          | Pipe            | 61.645                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519421.8<br>25<br>N:134085.1<br>36 | 1.455                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S9.1204          | Pipe            | 61.645                | Diam/Width: 225      | Not Applicable |                    |                     |

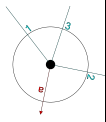
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| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S9.12.5                              | 62.910<br>61.785                    |    | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519403.7<br>47<br>N:134080.4<br>21 | 1.125                               |                                                                                     |                          | {a} S9.1205          | Pipe            | 61.785                | Diam/Width: 225      | Not Applicable |                    |                     |
| S9.12.6                              | 62.940<br>61.410                    |  | Diameter / Length: 1.200 | {1} S9.1207          | Pipe            | 61.410                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519473.5<br>26<br>N:134090.1<br>99 | 1.530                               |                                                                                     |                          | {a} S9.1206          | Pipe            | 61.410                | Diam/Width: 225      | Not Applicable |                    |                     |
| S9.12.7                              | 63.085<br>61.960                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519483.0<br>05<br>N:134095.8<br>52 | 1.125                               |                                                                                     |                          | {a} S9.1207          | Pipe            | 61.960                | Diam/Width: 225      | Not Applicable |                    |                     |
| S9.13.0                              | 61.660<br>59.325                    |  | Diameter / Length: 1.200 | {1} S9.1400          | Pipe            | 59.325                | Diam/Width: 450      | Manhole        | {a} Free Discharge |                     |
| E:519479.9<br>76<br>N:134030.8<br>50 | 2.335                               |                                                                                     |                          | {a} S9.1300          | Pipe            | 59.325                | Diam/Width: 450      | Not Applicable |                    |                     |
| S9.14.0                              | 61.440<br>59.425                    |  | Diameter / Length: 1.200 | {1} S9.1500          | Pipe            | 59.425                | Diam/Width: 450      | Manhole        | {a} Free Discharge |                     |
| E:519501.3<br>68<br>N:134037.8<br>94 | 2.015                               |                                                                                     |                          | {a} S9.1400          | Pipe            | 59.425                | Diam/Width: 450      | Not Applicable |                    |                     |

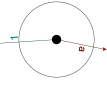
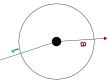
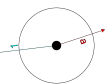
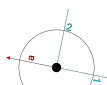
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|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S9.15.0                              | 61.285<br>59.495                    |    | Diameter / Length: 1.200 | {1} S9.1600          | Pipe            | 59.495                | Diam/Width: 450      | Manhole        | {a} Free Discharge |                     |
| E:519514.6<br>35<br>N:134046.0<br>53 | 1.790                               |                                                                                     |                          | {a} S9.1500          | Pipe            | 59.495                | Diam/Width: 450      | Not Applicable |                    |                     |
| S9.16.0                              | 61.255<br>59.605                    |  | Diameter / Length: 1.200 | {1} S9.1601          | Pipe            | 59.605                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519532.9<br>43<br>N:134062.5<br>65 | 1.650                               |                                                                                     |                          | {2} S9.1700          | Pipe            | 59.605                | Diam/Width: 225      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S9.1600          | Pipe            | 59.605                | Diam/Width: 450      | Not Applicable |                    |                     |
| S9.16.1                              | 62.570<br>61.145                    |  | Diameter / Length: 1.200 | {1} S9.1602          | Pipe            | 61.145                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519531.6<br>23<br>N:134117.8<br>40 | 1.425                               |                                                                                     |                          | {a} S9.1601          | Pipe            | 61.145                | Diam/Width: 300      | Not Applicable |                    |                     |
| S9.16.2                              | 62.865<br>61.485                    |  | Diameter / Length: 1.200 | {1} S9.1603          | Pipe            | 61.485                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519518.1<br>79<br>N:134117.5<br>19 | 1.380                               |                                                                                     |                          | {a} S9.1602          | Pipe            | 61.485                | Diam/Width: 225      | Not Applicable |                    |                     |
| S9.16.3                              | 63.140<br>61.755                    |  | Diameter / Length: 1.200 | {1} S9.1604          | Pipe            | 61.755                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519507.5<br>40<br>N:134116.5<br>74 | 1.385                               |                                                                                     |                          | {a} S9.1603          | Pipe            | 61.755                | Diam/Width: 225      | Not Applicable |                    |                     |

|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

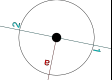
| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)              | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                              |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S9.16.4                      | 63.260<br>62.135                    |    | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519493.602<br>N:134110.104 | 1.125                               |                                                                                     |                          | {a} S9.1604          | Pipe            | 62.135                | Diam/Width: 225      | Not Applicable |                    |                     |
| S9.17.0                      | 61.890<br>60.105                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519573.610<br>N:134063.652 | 1.785                               |                                                                                     |                          | {a} S9.1700          | Pipe            | 60.105                | Diam/Width: 225      | Not Applicable |                    |                     |
| S10.0.0                      | 59.765<br>56.470                    |  | Diameter / Length: 1.200 | {1} S10.001          | Pipe            | 56.470                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519565.633<br>N:133969.161 | 3.295                               |                                                                                     |                          | {2} S10.100          | Pipe            | 56.470                | Diam/Width: 300      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {3} S11.000          | Pipe            | 56.470                | Diam/Width: 600      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S10.000          | Pipe            | 56.470                | Diam/Width: 600      | Not Applicable |                    |                     |
| S10.0.1                      | 59.865<br>56.970                    |  | Diameter / Length: 1.200 | {1} S10.002          | Pipe            | 56.970                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519560.775<br>N:133975.464 | 2.895                               |                                                                                     |                          | {a} S10.001          | Pipe            | 56.970                | Diam/Width: 300      | Not Applicable |                    |                     |

|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)              | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                              |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S10.0.2                      | 59.285<br>57.605                    |    | Diameter / Length: 1.200 | {1} S10.003          | Pipe            | 57.605                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519536.172<br>N:133980.455 | 1.680                               |                                                                                     |                          | {a} S10.002          | Pipe            | 57.605                | Diam/Width: 225      | Not Applicable |                    |                     |
| S10.0.3                      | 59.240<br>57.780                    |  | Diameter / Length: 1.200 | {1} S10.004          | Pipe            | 57.780                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519528.159<br>N:133979.932 | 1.460                               |                                                                                     |                          | {a} S10.003          | Pipe            | 57.780                | Diam/Width: 225      | Not Applicable |                    |                     |
| S10.0.4                      | 59.595<br>58.175                    |  | Diameter / Length: 1.200 | {1} S10.005          | Pipe            | 58.175                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519490.677<br>N:133967.608 | 1.420                               |                                                                                     |                          | {a} S10.004          | Pipe            | 58.175                | Diam/Width: 225      | Not Applicable |                    |                     |
| S10.0.5                      | 59.760<br>58.335                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519474.870<br>N:133965.704 | 1.425                               |                                                                                     |                          | {a} S10.005          | Pipe            | 58.335                | Diam/Width: 225      | Not Applicable |                    |                     |
| S10.1.0                      | 59.185<br>57.040                    |  | Diameter / Length: 1.200 | {1} S10.101          | Pipe            | 57.040                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519624.307<br>N:133957.278 | 2.145                               |                                                                                     |                          | {2} S10.200          | Pipe            | 57.040                | Diam/Width: 300      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S10.100          | Pipe            | 57.040                | Diam/Width: 300      | Not Applicable |                    |                     |



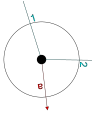
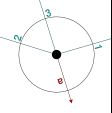
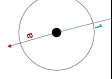
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|------------------------------------------------------------------------------|--|-----------------------------|----------------------------|-------------------------------------------------------------------------------------|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026         |                            |  |  |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Designed by:<br>J. Dunesby  | Checked by:<br>W. Nienaber |                                                                                     |  |
|                                                                              |  | Approved By:<br>W. Nienaber |                            |                                                                                     |  |
|                                                                              |  | Revision:<br>Rev 1          |                            |                                                                                     |  |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S10.1.1                              | 58.730<br>57.305                    |    | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519651.9<br>23<br>N:133951.6<br>85 | 1.425                               |                                                                                     |                          | {a} S10.101          | Pipe            | 57.305                | Diam/Width: 225      | Not Applicable |                    |                     |
| S10.2.0                              | 60.990<br>58.515                    |  | Diameter / Length: 1.200 | {1} S10.201          | Pipe            | 58.515                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519638.0<br>94<br>N:134025.2<br>35 | 2.475                               |                                                                                     |                          | {2} S10.300          | Pipe            | 58.515                | Diam/Width: 225      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S10.200          | Pipe            | 58.515                | Diam/Width: 300      | Not Applicable |                    |                     |
| S10.2.1                              | 60.230<br>58.805                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519669.0<br>76<br>N:134018.9<br>50 | 1.425                               |                                                                                     |                          | {a} S10.201          | Pipe            | 58.805                | Diam/Width: 225      | Not Applicable |                    |                     |
| S10.3.0                              | 61.445<br>60.020                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519600.0<br>26<br>N:134032.9<br>58 | 1.425                               |                                                                                     |                          | {a} S10.300          | Pipe            | 60.020                | Diam/Width: 225      | Not Applicable |                    |                     |
| S11.0.0                              | 60.805<br>57.010                    |  | Diameter / Length: 1.200 | {1} S11.001          | Pipe            | 57.010                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519576.6<br>68<br>N:134002.2<br>42 | 3.795                               |                                                                                     |                          | {2} S12.000          | Pipe            | 57.010                | Diam/Width: 600      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S11.000          | Pipe            | 57.010                | Diam/Width: 600      | Not Applicable |                    |                     |

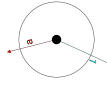
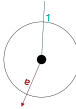
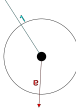
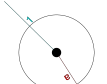
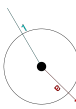
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| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S11.0.1                              | 60.250<br>58.825                    |    | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519542.9<br>16<br>N:134014.6<br>43 | 1.425                               |                                                                                     |                          | {a} S11.001          | Pipe            | 58.825                | Diam/Width: 225      | Not Applicable |                    |                     |
| S12.0.0                              | 61.660<br>57.570                    |   | Diameter / Length: 1.200 | {1} S13.000          | Pipe            | 57.570                | Diam/Width: 600      | Manhole        | {a} Free Discharge |                     |
| E:519589.2<br>12<br>N:134036.3<br>89 | 4.090                               |                                                                                     |                          | {a} S12.000          | Pipe            | 57.570                | Diam/Width: 600      | Not Applicable |                    |                     |
| S13.0.0                              | 62.265<br>58.280                    |  | Diameter / Length: 1.200 | {1} S13.001          | Pipe            | 58.280                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519588.4<br>01<br>N:134083.7<br>94 | 3.985                               |                                                                                     |                          | {2} S14.000          | Pipe            | 58.280                | Diam/Width: 600      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S13.000          | Pipe            | 58.280                | Diam/Width: 600      | Not Applicable |                    |                     |
| S13.0.1                              | 62.515<br>58.925                    |  | Diameter / Length: 1.200 | {1} S13.002          | Pipe            | 58.925                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519628.6<br>45<br>N:134084.9<br>55 | 3.590                               |                                                                                     |                          | {a} S13.001          | Pipe            | 58.925                | Diam/Width: 225      | Not Applicable |                    |                     |
| S13.0.2                              | 62.305<br>59.020                    |  | Diameter / Length: 1.200 | {1} S13.003          | Pipe            | 59.020                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519642.3<br>40<br>N:134083.2<br>39 | 3.285                               |                                                                                     |                          | {a} S13.002          | Pipe            | 59.020                | Diam/Width: 225      | Not Applicable |                    |                     |

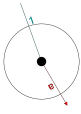
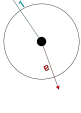
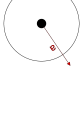
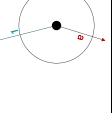
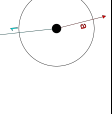
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|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              | Revision:<br>Rev 1         |                            |                             |                                                                                     |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S13.0.3                              | 60.765<br>59.340                    |    | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519687.9<br>97<br>N:134068.6<br>44 | 1.425                               |                                                                                     |                          | {a} S13.003          | Pipe            | 59.340                | Diam/Width: 225      | Not Applicable |                    |                     |
| S14.0.0 (FC)                         | 62.395<br>58.820                    |  | Diameter / Length: 1.200 | {1} S15.000          | Pipe            | 58.820                | Diam/Width: 525      | Manhole        | {a} Hydro-Brake®   | 58.820              |
| E:519586.8<br>39<br>N:134097.0<br>90 | 3.575                               |                                                                                     |                          | {2} S14.001          | Pipe            | 58.820                | Diam/Width: 525      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S14.000          | Pipe            | 58.820                | Diam/Width: 600      | Not Applicable |                    |                     |
| S15.0.0                              | 63.600<br>60.530                    |  | Diameter / Length: 1.200 | {1} S15.001          | Pipe            | 60.530                | Diam/Width: 375      | Manhole        | {a} Free Discharge |                     |
| E:519573.9<br>48<br>N:134138.1<br>29 | 3.070                               |                                                                                     |                          | {2} S15.100          | Pipe            | 60.530                | Diam/Width: 375      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {3} S16.000          | Pipe            | 60.530                | Diam/Width: 525      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S15.000          | Pipe            | 60.530                | Diam/Width: 525      | Not Applicable |                    |                     |
| S15.0.1                              | 63.280<br>60.790                    |  | Diameter / Length: 1.200 | {1} S15.002          | Pipe            | 60.790                | Diam/Width: 375      | Manhole        | {a} Free Discharge |                     |
| E:519605.1<br>23<br>N:134147.1<br>87 | 2.490                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S15.001          | Pipe            | 60.790                | Diam/Width: 375      | Not Applicable |                    |                     |

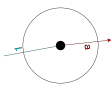
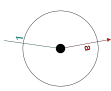
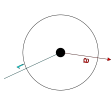
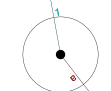
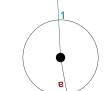
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|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)              | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                              |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S15.0.2 (FC)                 | 62.575<br>60.955                    |    | Diameter / Length: 1.200 | {1} S15.012          | Pipe            | 60.955                | Diam/Width: 375      | Manhole        | {a} Hydro-Brake®   | 60.955              |
| E:519652.171<br>N:134159.209 | 1.620                               |                                                                                     |                          | {a} S15.002          | Pipe            | 60.955                | Diam/Width: 375      | Not Applicable |                    |                     |
| S15.0.3                      | 63.120<br>61.545                    |   | Diameter / Length: 1.200 | {1} S15.004          | Pipe            | 61.545                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519681.063<br>N:134173.409 | 1.575                               |                                                                                     |                          | {a} S15.003          | Pipe            | 61.545                | Diam/Width: 375      | Not Applicable |                    |                     |
| S15.0.4                      | 65.075<br>63.575                    |  | Diameter / Length: 1.200 | {1} S15.005          | Pipe            | 63.575                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519684.707<br>N:134243.545 | 1.500                               |                                                                                     |                          | {a} S15.004          | Pipe            | 63.575                | Diam/Width: 300      | Not Applicable |                    |                     |
| S15.0.5                      | 65.500<br>64.000                    |  | Diameter / Length: 1.200 | {1} S15.006          | Pipe            | 64.000                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519679.629<br>N:134251.448 | 1.500                               |                                                                                     |                          | {a} S15.005          | Pipe            | 64.000                | Diam/Width: 300      | Not Applicable |                    |                     |
| S15.0.6                      | 66.180<br>64.680                    |  | Diameter / Length: 1.200 | {1} S15.007          | Pipe            | 64.680                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519669.823<br>N:134261.061 | 1.500                               |                                                                                     |                          | {a} S15.006          | Pipe            | 64.680                | Diam/Width: 300      | Not Applicable |                    |                     |

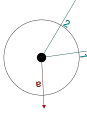
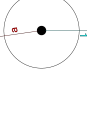
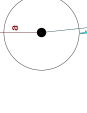
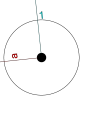
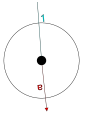
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|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)              | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                              |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S15.0.7                      | 67.030<br>65.525                    |    | Diameter / Length: 1.200 | {1} S15.008          | Pipe            | 65.525                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519661.282<br>N:134275.642 | 1.505                               |                                                                                     |                          | {a} S15.007          | Pipe            | 65.525                | Diam/Width: 300      | Not Applicable |                    |                     |
| S15.0.8                      | 68.275<br>66.835                    |  | Diameter / Length: 1.200 | {1} S15.009          | Pipe            | 66.835                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519652.617<br>N:134299.626 | 1.440                               |                                                                                     |                          | {a} S15.008          | Pipe            | 66.835                | Diam/Width: 225      | Not Applicable |                    |                     |
| S15.0.9                      | 70.150<br>68.725                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519630.598<br>N:134331.902 | 1.425                               |                                                                                     |                          | {a} S15.009          | Pipe            | 68.725                | Diam/Width: 225      | Not Applicable |                    |                     |
| S15.1.0                      | 63.510<br>60.775                    |  | Diameter / Length: 1.200 | {1} S15.200          | Pipe            | 60.775                | Diam/Width: 375      | Manhole        | {a} Free Discharge |                     |
| E:519566.042<br>N:134140.568 | 2.735                               |                                                                                     |                          | {a} S15.100          | Pipe            | 60.775                | Diam/Width: 375      | Not Applicable |                    |                     |
| S15.2.0                      | 63.670<br>60.950                    |  | Diameter / Length: 1.200 | {1} S15.300          | Pipe            | 60.950                | Diam/Width: 375      | Manhole        | {a} Free Discharge |                     |
| E:519550.788<br>N:134136.704 | 2.720                               |                                                                                     |                          | {a} S15.200          | Pipe            | 60.950                | Diam/Width: 375      | Not Applicable |                    |                     |

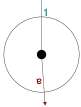
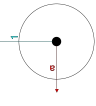
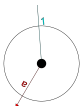
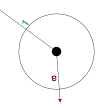
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|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S15.3.0                              | 64.160<br>61.495                    |    | Diameter / Length: 1.200 | {1} S15.400          | Pipe            | 61.495                | Diam/Width: 375      | Manhole        | {a} Free Discharge |                     |
| E:519502.1<br>60<br>N:134131.3<br>56 | 2.665                               |                                                                                     |                          | {a} S15.300          | Pipe            | 61.495                | Diam/Width: 375      | Not Applicable |                    |                     |
| S15.4.0                              | 64.345<br>61.700                    |   | Diameter / Length: 1.200 | {1} S15.500          | Pipe            | 61.700                | Diam/Width: 375      | Manhole        | {a} Free Discharge |                     |
| E:519484.0<br>04<br>N:134128.0<br>14 | 2.645                               |                                                                                     |                          | {a} S15.400          | Pipe            | 61.700                | Diam/Width: 375      | Not Applicable |                    |                     |
| S15.5.0 (FC)                         | 64.500<br>61.870                    |  | Diameter / Length: 1.200 | {1} S15.501          | Pipe            | 61.870                | Diam/Width: 375      | Manhole        | {a} Hydro-Brake®   | 61.870              |
| E:519468.9<br>78<br>N:134130.1<br>50 | 2.630                               |                                                                                     |                          | {a} S15.500          | Pipe            | 61.870                | Diam/Width: 375      | Not Applicable |                    |                     |
| S15.6.0                              | 64.630<br>62.875                    |  | Diameter / Length: 1.200 | {1} S15.700          | Pipe            | 62.875                | Diam/Width: 375      | Manhole        | {a} Free Discharge |                     |
| E:519414.3<br>21<br>N:134131.7<br>53 | 1.755                               |                                                                                     |                          | {a} S15.600          | Pipe            | 62.875                | Diam/Width: 375      | Not Applicable |                    |                     |
| S15.7.0                              | 65.945<br>64.300                    |  | Diameter / Length: 1.200 | {1} S15.800          | Pipe            | 64.300                | Diam/Width: 375      | Manhole        | {a} Free Discharge |                     |
| E:519408.0<br>14<br>N:134166.7<br>98 | 1.645                               |                                                                                     |                          | {a} S15.700          | Pipe            | 64.300                | Diam/Width: 375      | Not Applicable |                    |                     |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              | Revision:<br>Rev 1         |                            |                             |                                                                                     |

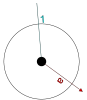
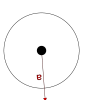
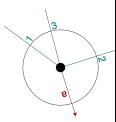
| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)              | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                              |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S15.8.0                      | 66.365<br>64.790                    |    | Diameter / Length: 1.200 | {1} S15.801          | Pipe            | 64.790                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519407.379<br>N:134179.370 | 1.575                               |                                                                                     |                          | {2} S15.900          | Pipe            | 64.790                | Diam/Width: 225      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S15.800          | Pipe            | 64.790                | Diam/Width: 375      | Not Applicable |                    |                     |
| S15.8.1                      | 66.655<br>65.075                    |  | Diameter / Length: 1.200 | {1} S15.802          | Pipe            | 65.075                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519425.096<br>N:134181.905 | 1.580                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S15.801          | Pipe            | 65.075                | Diam/Width: 300      | Not Applicable |                    |                     |
| S15.8.2                      | 66.915<br>65.415                    |  | Diameter / Length: 1.200 | {1} S15.803          | Pipe            | 65.415                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519454.076<br>N:134181.726 | 1.500                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S15.802          | Pipe            | 65.415                | Diam/Width: 300      | Not Applicable |                    |                     |
| S15.8.3                      | 67.045<br>65.545                    |  | Diameter / Length: 1.200 | {1} S15.804          | Pipe            | 65.545                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519467.600<br>N:134183.155 | 1.500                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S15.803          | Pipe            | 65.545                | Diam/Width: 300      | Not Applicable |                    |                     |
| S15.8.4                      | 68.095<br>66.595                    |  | Diameter / Length: 1.200 | {1} S15.805          | Pipe            | 66.595                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519464.823<br>N:134209.453 | 1.500                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S15.804          | Pipe            | 66.595                | Diam/Width: 300      | Not Applicable |                    |                     |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              | Revision:<br>Rev 1         |                            |                             |                                                                                     |

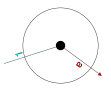
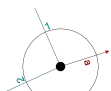
| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)              | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                              |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S15.8.5                      | 69.835<br>68.335                    |    | Diameter / Length: 1.200 | {1} S15.806          | Pipe            | 68.335                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519461.805<br>N:134251.602 | 1.500                               |                                                                                     |                          | {a} S15.805          | Pipe            | 68.335                | Diam/Width: 300      | Not Applicable |                    |                     |
| S15.8.6                      | 70.790<br>69.290                    |  | Diameter / Length: 1.200 | {1} S15.807          | Pipe            | 69.290                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519461.656<br>N:134274.231 | 1.500                               |                                                                                     |                          | {a} S15.806          | Pipe            | 69.290                | Diam/Width: 300      | Not Applicable |                    |                     |
| S15.8.7                      | 71.320<br>69.895                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519416.138<br>N:134274.068 | 1.425                               |                                                                                     |                          | {a} S15.807          | Pipe            | 69.895                | Diam/Width: 225      | Not Applicable |                    |                     |
| S15.9.0                      | 67.200<br>65.800                    |  | Diameter / Length: 1.200 | {1} S15.1000         | Pipe            | 65.800                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519416.166<br>N:134194.178 | 1.400                               |                                                                                     |                          | {a} S15.900          | Pipe            | 65.800                | Diam/Width: 225      | Not Applicable |                    |                     |
| S15.10.0                     | 67.875<br>66.450                    |  | Diameter / Length: 1.200 | {1} S15.1100         | Pipe            | 66.450                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519415.233<br>N:134207.142 | 1.425                               |                                                                                     |                          | {a} S15.1000         | Pipe            | 66.450                | Diam/Width: 225      | Not Applicable |                    |                     |



|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
|                                                                              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S15.11.0                             | 68.365<br>66.940                    |    | Diameter / Length: 1.200 | {1} S15.1200         | Pipe            | 66.940                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519407.3<br>53<br>N:134212.9<br>11 | 1.425                               |                                                                                     |                          | {a} S15.1100         | Pipe            | 66.940                | Diam/Width: 225      | Not Applicable |                    |                     |
| S15.12.0                             | 71.435<br>69.950                    |   | Diameter / Length: 1.200 | {1} S15.1300         | Pipe            | 69.950                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519402.5<br>20<br>N:134272.9<br>49 | 1.485                               |                                                                                     |                          | {a} S15.1200         | Pipe            | 69.950                | Diam/Width: 225      | Not Applicable |                    |                     |
| S15.13.0                             | 73.515<br>72.090                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519399.5<br>09<br>N:134313.7<br>33 | 1.425                               |                                                                                     |                          | {a} S15.1300         | Pipe            | 72.090                | Diam/Width: 225      | Not Applicable |                    |                     |
| S16.0.0                              | 65.855<br>62.375                    |  | Diameter / Length: 1.200 | {1} S16.100          | Pipe            | 62.375                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519556.3<br>08<br>N:134194.2<br>85 | 3.480                               |                                                                                     |                          | {2} S16.500          | Pipe            | 62.375                | Diam/Width: 450      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {3} S17.000          | Pipe            | 62.375                | Diam/Width: 375      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S16.000          | Pipe            | 62.375                | Diam/Width: 525      | Not Applicable |                    |                     |

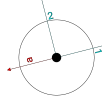
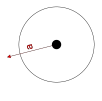
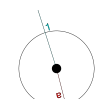
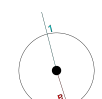
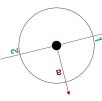
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|------------------------------------------------------------------------------|--|-----------------------------|----------------------------|-------------------------------------------------------------------------------------|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026         |                            |  |  |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Designed by:<br>J. Dunesby  | Checked by:<br>W. Nienaber |                                                                                     |  |
|                                                                              |  | Approved By:<br>W. Nienaber |                            |                                                                                     |  |
|                                                                              |  | Revision:<br>Rev 1          |                            |                                                                                     |  |

| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)              | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                              |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S16.1.0                      | 66.285<br>63.195                    |    | Diameter / Length: 1.200 | {1} S16.200          | Pipe            | 63.195                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519549.605<br>N:134199.207 | 3.090                               |                                                                                     |                          | {a} S16.100          | Pipe            | 63.195                | Diam/Width: 300      | Not Applicable |                    |                     |
| S16.2.0                      | 66.625<br>65.125                    |   | Diameter / Length: 1.200 | {1} S16.201          | Pipe            | 65.125                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519522.787<br>N:134190.644 | 1.500                               |                                                                                     |                          | {2} S16.300          | Pipe            | 65.125                | Diam/Width: 225      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S16.200          | Pipe            | 65.125                | Diam/Width: 300      | Not Applicable |                    |                     |
| S16.2.1                      | 67.280<br>65.590                    |  | Diameter / Length: 1.200 | {1} S16.202          | Pipe            | 65.590                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519516.556<br>N:134204.837 | 1.690                               |                                                                                     |                          | {a} S16.201          | Pipe            | 65.590                | Diam/Width: 225      | Not Applicable |                    |                     |
| S16.2.2                      | 67.815<br>65.930                    |  | Diameter / Length: 1.200 | {1} S16.203          | Pipe            | 65.930                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519515.203<br>N:134218.316 | 1.885                               |                                                                                     |                          | {a} S16.202          | Pipe            | 65.930                | Diam/Width: 225      | Not Applicable |                    |                     |
| S16.2.3                      | 68.030<br>66.095                    |  | Diameter / Length: 1.200 | {1} S16.204          | Pipe            | 66.095                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519519.275<br>N:134223.375 | 1.935                               |                                                                                     |                          | {a} S16.203          | Pipe            | 66.095                | Diam/Width: 225      | Not Applicable |                    |                     |

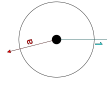
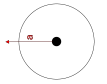
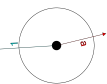
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|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S16.2.4                              | 68.020<br>66.595                    |    | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519538.6<br>68<br>N:134228.5<br>18 | 1.425                               |                                                                                     |                          | {a} S16.204          | Pipe            | 66.595                | Diam/Width: 225      | Not Applicable |                    |                     |
| S16.3.0                              | 66.740<br>65.325                    |  | Diameter / Length: 1.200 | {1} S16.400          | Pipe            | 65.325                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519511.8<br>32<br>N:134185.6<br>37 | 1.415                               |                                                                                     |                          | {a} S16.300          | Pipe            | 65.325                | Diam/Width: 225      | Not Applicable |                    |                     |
| S16.4.0                              | 67.040<br>65.615                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519483.6<br>37<br>N:134182.6<br>59 | 1.425                               |                                                                                     |                          | {a} S16.400          | Pipe            | 65.615                | Diam/Width: 225      | Not Applicable |                    |                     |
| S16.5.0                              | 65.720<br>62.490                    |  | Diameter / Length: 1.200 | {1} S16.600          | Pipe            | 62.490                | Diam/Width: 450      | Manhole        | {a} Free Discharge |                     |
| E:519566.8<br>23<br>N:134197.5<br>87 | 3.230                               |                                                                                     |                          | {a} S16.500          | Pipe            | 62.490                | Diam/Width: 450      | Not Applicable |                    |                     |
| S16.6.0                              | 65.165<br>62.615                    |  | Diameter / Length: 1.200 | {1} S16.700          | Pipe            | 62.615                | Diam/Width: 450      | Manhole        | {a} Free Discharge |                     |
| E:519602.8<br>24<br>N:134202.9<br>94 | 2.550                               |                                                                                     |                          | {a} S16.600          | Pipe            | 62.615                | Diam/Width: 450      | Not Applicable |                    |                     |

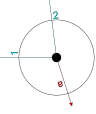
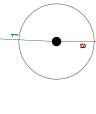
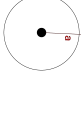
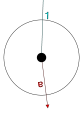
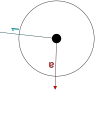
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|------------------------------------------------------------------------------|--|-----------------------------|----------------------------|-------------------------------------------------------------------------------------|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026         |                            |  |  |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Designed by:<br>J. Dunesby  | Checked by:<br>W. Nienaber |                                                                                     |  |
|                                                                              |  | Approved By:<br>W. Nienaber |                            |                                                                                     |  |
|                                                                              |  | Revision:<br>Rev 1          |                            |                                                                                     |  |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S16.7.0                              | 64.950<br>62.665                    |    | Diameter / Length: 1.200 | {1} S16.701          | Pipe            | 62.665                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519616.9<br>27<br>N:134206.5<br>95 | 2.285                               |                                                                                     |                          | {2} S16.800          | Pipe            | 62.665                | Diam/Width: 375      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S16.700          | Pipe            | 62.665                | Diam/Width: 450      | Not Applicable |                    |                     |
| S16.7.1                              | 64.510<br>63.010                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519644.9<br>49<br>N:134213.7<br>50 | 1.500                               |                                                                                     |                          | {a} S16.701          | Pipe            | 63.010                | Diam/Width: 300      | Not Applicable |                    |                     |
| S16.8.0                              | 65.725<br>63.835                    |  | Diameter / Length: 1.200 | {1} S16.900          | Pipe            | 63.835                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519611.5<br>28<br>N:134227.7<br>41 | 1.890                               |                                                                                     |                          | {a} S16.800          | Pipe            | 63.835                | Diam/Width: 375      | Not Applicable |                    |                     |
| S16.10.0                             | 68.885<br>67.385                    |  | Diameter / Length: 1.200 | {1} S16.1100         | Pipe            | 67.385                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519587.6<br>07<br>N:134303.0<br>32 | 1.500                               |                                                                                     |                          | {a} S16.1000         | Pipe            | 67.385                | Diam/Width: 300      | Not Applicable |                    |                     |
| S16.11.0                             | 70.130<br>68.545                    |  | Diameter / Length: 1.200 | {1} S16.1101         | Pipe            | 68.545                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519579.8<br>26<br>N:134333.5<br>32 | 1.585                               |                                                                                     |                          | {2} S16.1200         | Pipe            | 68.545                | Diam/Width: 225      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S16.1100         | Pipe            | 68.545                | Diam/Width: 300      | Not Applicable |                    |                     |

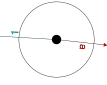
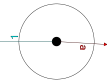
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|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              | Revision:<br>Rev 1         |                            |                             |                                                                                     |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S16.11.1                             | 70.150<br>68.770                    |    | Diameter / Length: 1.200 | {1} S16.1102         | Pipe            | 68.770                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519601.4<br>11<br>N:134339.0<br>38 | 1.380                               |                                                                                     |                          | {a} S16.1101         | Pipe            | 68.770                | Diam/Width: 225      | Not Applicable |                    |                     |
| S16.11.2                             | 70.295<br>68.870                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519616.0<br>45<br>N:134339.1<br>31 | 1.425                               |                                                                                     |                          | {a} S16.1102         | Pipe            | 68.870                | Diam/Width: 225      | Not Applicable |                    |                     |
| S16.12.0                             | 70.410<br>68.985                    |  | Diameter / Length: 1.200 | {1} S16.1300         | Pipe            | 68.985                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519561.0<br>30<br>N:134328.9<br>73 | 1.425                               |                                                                                     |                          | {a} S16.1200         | Pipe            | 68.985                | Diam/Width: 225      | Not Applicable |                    |                     |
| S16.13.0                             | 70.995<br>69.570                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519544.7<br>54<br>N:134327.9<br>51 | 1.425                               |                                                                                     |                          | {a} S16.1300         | Pipe            | 69.570                | Diam/Width: 225      | Not Applicable |                    |                     |
| S17.0.0                              | 68.225<br>65.210                    |  | Diameter / Length: 1.200 | {1} S18.000          | Pipe            | 65.210                | Diam/Width: 375      | Manhole        | {a} Free Discharge |                     |
| E:519544.0<br>09<br>N:134240.9<br>93 | 3.015                               |                                                                                     |                          | {a} S17.000          | Pipe            | 65.210                | Diam/Width: 375      | Not Applicable |                    |                     |

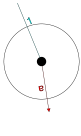
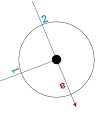
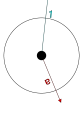
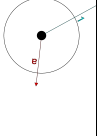
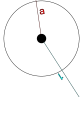
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|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              | Revision:<br>Rev 1         |                            |                             |                                                                                     |

| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)              | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                              |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S18.0.0                      | 69.855<br>67.050                    |    | Diameter / Length: 1.200 | {1} S18.001          | Pipe            | 67.050                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519534.005<br>N:134272.490 | 2.805                               |                                                                                     |                          | {2} S19.000          | Pipe            | 67.050                | Diam/Width: 300      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S18.000          | Pipe            | 67.050                | Diam/Width: 375      | Not Applicable |                    |                     |
| S18.0.1                      | 70.270<br>68.175                    |  | Diameter / Length: 1.200 | {1} S18.002          | Pipe            | 68.175                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519506.823<br>N:134272.490 | 2.095                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S18.001          | Pipe            | 68.175                | Diam/Width: 225      | Not Applicable |                    |                     |
| S18.0.2                      | 70.600<br>69.175                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519478.156<br>N:134273.823 | 1.425                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S18.002          | Pipe            | 69.175                | Diam/Width: 225      | Not Applicable |                    |                     |
| S19.0.0                      | 70.960<br>68.410                    |  | Diameter / Length: 1.200 | {1} S20.000          | Pipe            | 68.410                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519531.142<br>N:134295.383 | 2.550                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S19.000          | Pipe            | 68.410                | Diam/Width: 300      | Not Applicable |                    |                     |
| S20.0.0                      | 71.620<br>70.120                    |  | Diameter / Length: 1.200 | {1} S21.000          | Pipe            | 70.120                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519532.049<br>N:134327.607 | 1.500                               |                                                                                     |                          |                      |                 |                       |                      |                |                    |                     |
|                              |                                     |                                                                                     |                          | {a} S20.000          | Pipe            | 70.120                | Diam/Width: 300      | Not Applicable |                    |                     |

|                                                                              |  |                             |                            |                                                                                     |  |
|------------------------------------------------------------------------------|--|-----------------------------|----------------------------|-------------------------------------------------------------------------------------|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026         |                            |  |  |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Designed by:<br>J. Dunesby  | Checked by:<br>W. Nienaber |                                                                                     |  |
|                                                                              |  | Approved By:<br>W. Nienaber |                            |                                                                                     |  |
|                                                                              |  | Revision:<br>Rev 1          |                            |                                                                                     |  |

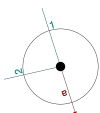
| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)              | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                              |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S21.0.0                      | 72.775<br>70.775                    |    | Diameter / Length: 1.200 | {1} S22.000          | Pipe            | 70.775                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519508.979<br>N:134330.172 | 2.000                               |                                                                                     |                          | {a} S21.000          | Pipe            | 70.775                | Diam/Width: 225      | Not Applicable |                    |                     |
| S22.0.0                      | 74.340<br>72.115                    |  | Diameter / Length: 1.200 | {1} S23.000          | Pipe            | 72.115                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519455.567<br>N:134333.301 | 2.225                               |                                                                                     |                          | {a} S22.000          | Pipe            | 72.115                | Diam/Width: 225      | Not Applicable |                    |                     |
| S23.0.0                      | 74.015<br>72.590                    |  | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519427.540<br>N:134333.370 | 1.425                               |                                                                                     |                          | {a} S23.000          | Pipe            | 72.590                | Diam/Width: 225      | Not Applicable |                    |                     |
| HW24.0 (Outfall)             | 55.030<br>53.570                    |  | Diameter / Length: 1.200 | {1} S24.000          | Pipe            | 53.570                | Diam/Width: 375      | Manhole        |                    |                     |
| E:519442.106<br>N:133779.021 | 1.460                               |                                                                                     |                          |                      |                 |                       |                      | Not Applicable |                    |                     |
| S24.0.0                      | 55.140<br>53.620                    |  | Diameter / Length: 1.200 | {1} S24.100          | Pipe            | 53.620                | Diam/Width: 375      | Manhole        | {a} Free Discharge |                     |
| E:519442.121<br>N:133783.851 | 1.520                               |                                                                                     |                          | {a} S24.000          | Pipe            | 53.620                | Diam/Width: 375      | Not Applicable |                    |                     |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              | Revision:<br>Rev 1         |                            |                             |                                                                                     |

| Name                                 | Cover Level (m)<br>Invert Level (m) | Manhole Schematic                                                                   | Manhole Size (m)         | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           |                                                                                     |                          | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                     |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S24.1.0 (FC)                         | 55.770<br>53.780                    |    | Diameter / Length: 1.200 | {1} S24.200          | Pipe            | 53.780                | Diam/Width: 375      | Manhole        | {a} Multiple       | 53.780              |
| E:519439.7<br>64<br>N:133799.5<br>28 | 1.990                               |                                                                                     |                          | {a} S24.100          | Pipe            | 53.780                | Diam/Width: 375      | Not Applicable |                    |                     |
| S24.2.0                              | 56.090<br>53.850                    |  | Diameter / Length: 1.200 | {1} S24.201          | Pipe            | 53.850                | Diam/Width: 375      | Manhole        | {a} Free Discharge |                     |
| E:519434.4<br>31<br>N:133812.4<br>31 | 2.240                               |                                                                                     |                          | {2} S24.300          | Pipe            | 53.850                | Diam/Width: 375      |                |                    |                     |
|                                      |                                     |                                                                                     |                          | {a} S24.200          | Pipe            | 53.850                | Diam/Width: 375      | Not Applicable |                    |                     |
| S24.3.0                              | 57.675<br>55.165                    |  | Diameter / Length: 1.200 | {1} S24.400          | Pipe            | 55.165                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519406.6<br>91<br>N:133879.5<br>45 | 2.510                               |                                                                                     |                          | {a} S24.300          | Pipe            | 55.165                | Diam/Width: 375      | Not Applicable |                    |                     |
| S24.4.0                              | 57.905<br>55.280                    |  | Diameter / Length: 1.200 | {1} S24.500          | Pipe            | 55.280                | Diam/Width: 300      | Manhole        | {a} Free Discharge |                     |
| E:519407.6<br>63<br>N:133888.4<br>12 | 2.625                               |                                                                                     |                          | {a} S24.400          | Pipe            | 55.280                | Diam/Width: 300      | Not Applicable |                    |                     |
| S24.8.0                              | 57.390<br>55.710                    |  | Diameter / Length: 1.200 | {1} S24.900          | Pipe            | 55.710                | Diam/Width: 225      | Manhole        | {a} Free Discharge |                     |
| E:519454.1<br>51<br>N:133884.7<br>76 | 1.680                               |                                                                                     |                          | {a} S24.800          | Pipe            | 55.710                | Diam/Width: 225      | Not Applicable |                    |                     |



|                                                                              |  |                            |                            |                                                                                     |                             |
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| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Phase              |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

| Name                                 | Cover Level (m)<br>Invert Level (m) |                                                                                    |                          | Connection Details   |                 |                       |                      | Type           |                    |                     |
|--------------------------------------|-------------------------------------|------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|-----------------------|----------------------|----------------|--------------------|---------------------|
| Coordinates (m)                      | Depth (m)                           | Manhole Schematic                                                                  | Manhole Size (m)         | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type  | Flow Control Type  | Flow Control IL (m) |
|                                      |                                     |                                                                                    |                          | Outgoing Connections |                 |                       |                      | Cover          |                    |                     |
| S24.9.0                              | 56.960<br>55.835                    |   | Diameter / Length: 1.200 |                      |                 |                       |                      | Manhole        | {a} Free Discharge |                     |
| E:519463.9<br>92<br>N:133869.4<br>89 | 1.125                               |                                                                                    |                          | {a} S24.900          | Pipe            | 55.835                | Diam/Width: 225      | Not Applicable |                    |                     |
| S16.9.0 (FC)                         | 66.590<br>64.520                    |  | Diameter / Length: 1.200 | {1} S16.1000         | Pipe            | 64.520                | Diam/Width: 300      | Manhole        | {a} Hydro-Brake®   | 64.520              |
| E:519604.9<br>78<br>N:134248.3<br>57 | 2.070                               |                                                                                    |                          | {2} S16.901          | Pipe            | 64.520                | Diam/Width: 300      |                |                    |                     |
|                                      |                                     |                                                                                    |                          | {a} S16.900          | Pipe            | 64.520                | Diam/Width: 300      | Not Applicable |                    |                     |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                |                            | Revision:<br>Rev 1         |                             |



| Inflow Label   | Connected To | Flow (L/s) | Runoff Method         | Area (ha) | Percentage Impervious (%) | Urban Creep (%) | Adjusted Percentage Impervious (%) | Area Analysed (ha) |
|----------------|--------------|------------|-----------------------|-----------|---------------------------|-----------------|------------------------------------|--------------------|
| IMP_C12_A1     | CRATES C12   |            | Time of Concentration | 0.038     | 100                       | 0.0             | 100.0                              | 0.038              |
| IMP_C12_A2     | CRATES C12   |            | Time of Concentration | 0.037     | 100                       | 7.1             | 107.1                              | 0.040              |
| IMP_C13        | CRATES C13   |            | Time of Concentration | 0.045     | 100                       | 0.0             | 100.0                              | 0.045              |
| IMP_Pond 2b    | Pond 2b      |            | Time of Concentration | 0.006     | 100                       | 0.0             | 100.0                              | 0.006              |
| IMP_Pond 2d    | Pond 2d      |            | Time of Concentration | 0.118     | 100                       | 0.0             | 100.0                              | 0.118              |
| IMP_S2.4.0_A1  | S2.4.0       |            | Time of Concentration | 0.017     | 100                       | 0.0             | 100.0                              | 0.017              |
| IMP_S2.4.0_A2  | S2.4.0       |            | Time of Concentration | 0.004     | 100                       | 7.2             | 107.2                              | 0.005              |
| IMP_S2.4.0_A3  | S2.4.0       |            | Time of Concentration | 0.002     | 100                       | 7.2             | 107.2                              | 0.002              |
| IMP_S2.4.0_A4  | S2.4.0       |            | Time of Concentration | 0.005     | 100                       | 7.2             | 107.2                              | 0.006              |
| IMP_S2.4.0_A5  | S2.4.0       |            | Time of Concentration | 0.006     | 100                       | 7.2             | 107.2                              | 0.006              |
| IMP_S2.4.0_A6  | S2.4.0       |            | Time of Concentration | 0.009     | 100                       | 7.2             | 107.2                              | 0.009              |
| IMP_S2.4.0_A7  | S2.4.0       |            | Time of Concentration | 0.004     | 100                       | 7.2             | 107.2                              | 0.004              |
| IMP_S2.4.0_A8  | S2.4.0       |            | Time of Concentration | 0.005     | 100                       | 7.2             | 107.2                              | 0.006              |
| IMP_S2.4.0_A9  | S2.4.0       |            | Time of Concentration | 0.006     | 100                       | 7.2             | 107.2                              | 0.006              |
| IMP_S2.4.0_A10 | S2.4.0       |            | Time of Concentration | 0.009     | 100                       | 7.2             | 107.2                              | 0.009              |
| IMP_S2.4.0_A11 | S2.4.0       |            | Time of Concentration | 0.004     | 100                       | 7.2             | 107.2                              | 0.004              |
| IMP_S2.5.0_A1  | S2.5.0       |            | Time of Concentration | 0.005     | 100                       | 0.0             | 100.0                              | 0.005              |
| IMP_S2.5.0_A2  | S2.5.0       |            | Time of Concentration | 0.006     | 100                       | 7.2             | 107.2                              | 0.006              |
| IMP_S4.0.0     | S5.0.0       |            | Time of Concentration | 0.032     | 100                       | 0.0             | 100.0                              | 0.032              |
| IMP_S4.1.0     | S4.0.0       |            | Time of Concentration | 0.057     | 100                       | 0.0             | 100.0                              | 0.057              |
| IMP_S4.2.0_A1  | S4.1.0       |            | Time of Concentration | 0.024     | 100                       | 0.0             | 100.0                              | 0.024              |
| IMP_S4.2.0_A2  | S4.1.0       |            | Time of Concentration | 0.004     | 100                       | 7.2             | 107.2                              | 0.005              |
| IMP_S4.2.0_A3  | S4.1.0       |            | Time of Concentration | 0.002     | 100                       | 7.2             | 107.2                              | 0.002              |
| IMP_S4.2.0_A4  | S4.1.0       |            | Time of Concentration | 0.005     | 100                       | 7.2             | 107.2                              | 0.006              |
| IMP_S4.2.0_A5  | S4.1.0       |            | Time of Concentration | 0.006     | 100                       | 7.2             | 107.2                              | 0.006              |
| IMP_S4.2.0_A6  | S4.1.0       |            | Time of Concentration | 0.009     | 100                       | 7.2             | 107.2                              | 0.009              |
| IMP_S4.2.0_A7  | S4.1.0       |            | Time of Concentration | 0.004     | 100                       | 7.2             | 107.2                              | 0.004              |
| IMP_S4.2.0_A8  | S4.1.0       |            | Time of Concentration | 0.005     | 100                       | 7.2             | 107.2                              | 0.006              |
| IMP_S4.2.0_A9  | S4.1.0       |            | Time of Concentration | 0.006     | 100                       | 7.2             | 107.2                              | 0.006              |
| IMP_S4.2.0_A10 | S4.1.0       |            | Time of Concentration | 0.009     | 100                       | 7.2             | 107.2                              | 0.009              |
| IMP_S4.2.0_A11 | S4.1.0       |            | Time of Concentration | 0.004     | 100                       | 7.2             | 107.2                              | 0.004              |
| IMP_S4.2.0_A12 | S4.1.0       |            | Time of Concentration | 0.005     | 100                       | 7.2             | 107.2                              | 0.006              |
| IMP_S4.2.0_A13 | S4.1.0       |            | Time of Concentration | 0.006     | 100                       | 7.2             | 107.2                              | 0.006              |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |

|                |        |  |                       |       |     |     |       |       |
|----------------|--------|--|-----------------------|-------|-----|-----|-------|-------|
| IMP_S4.2.0_A14 | S4.1.0 |  | Time of Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S4.2.0_A15 | S4.1.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S4.2.0_A16 | S4.1.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S4.2.0_A17 | S4.1.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S4.2.1_A1  | S4.1.1 |  | Time of Concentration | 0.003 | 100 | 0.0 | 100.0 | 0.003 |
| IMP_S4.2.1_A2  | S4.1.1 |  | Time of Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S4.2.1_A3  | S4.1.1 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S4.2.1_A4  | S4.1.1 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S4.3.0_A1  | S4.2.0 |  | Time of Concentration | 0.025 | 100 | 0.0 | 100.0 | 0.025 |
| IMP_S4.3.0_A2  | S4.2.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S5.0.0_A1  | S6.0.0 |  | Time of Concentration | 0.025 | 100 | 0.0 | 100.0 | 0.025 |
| IMP_S5.0.0_A2  | S6.0.0 |  | Time of Concentration | 0.043 | 100 | 7.2 | 107.2 | 0.046 |
| IMP_S6.0.0_A1  | S7.0.0 |  | Time of Concentration | 0.030 | 100 | 0.0 | 100.0 | 0.030 |
| IMP_S6.0.0_A2  | S7.0.0 |  | Time of Concentration | 0.003 | 100 | 7.2 | 107.2 | 0.003 |
| IMP_S6.0.0_A3  | S7.0.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S6.0.0_A4  | S7.0.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S7.0.0_A1  | S8.0.0 |  | Time of Concentration | 0.019 | 100 | 0.0 | 100.0 | 0.019 |
| IMP_S7.0.0_A2  | S8.0.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S7.0.0_A3  | S8.0.0 |  | Time of Concentration | 0.003 | 100 | 7.2 | 107.2 | 0.003 |
| IMP_S7.0.0_A4  | S8.0.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.0.0_A1  | S9.0.0 |  | Time of Concentration | 0.102 | 100 | 0.0 | 100.0 | 0.102 |
| IMP_S8.0.0_A2  | S9.0.0 |  | Time of Concentration | 0.081 | 100 | 7.2 | 107.2 | 0.086 |
| IMP_S8.0.0_A3  | S9.0.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.003 |
| IMP_S8.0.0_A4  | S9.0.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.0.0_A5  | S9.0.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.0.0_A6  | S9.0.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.0.0_A7  | S9.0.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.0.0_A8  | S9.0.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.0.0_A9  | S9.0.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.0.0_A10 | S9.0.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.0.1_A1  | S9.0.1 |  | Time of Concentration | 0.068 | 100 | 0.0 | 100.0 | 0.068 |
| IMP_S8.0.1_A2  | S9.0.1 |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.008 |
| IMP_S8.0.1_A3  | S9.0.1 |  | Time of Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.0.1_A4  | S9.0.1 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.0.2_A1  | S9.0.2 |  | Time of Concentration | 0.011 | 100 | 0.0 | 100.0 | 0.011 |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |

|                |         |  |                       |       |     |     |       |       |
|----------------|---------|--|-----------------------|-------|-----|-----|-------|-------|
| IMP_S8.0.2_A2  | S9.0.2  |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.008 |
| IMP_S8.1.0_A1  | S9.1.0  |  | Time of Concentration | 0.013 | 100 | 0.0 | 100.0 | 0.013 |
| IMP_S8.1.0_A2  | S9.1.0  |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.008 |
| IMP_S8.1.0_A3  | S9.1.0  |  | Time of Concentration | 0.011 | 100 | 7.2 | 107.2 | 0.012 |
| IMP_S8.1.0_A4  | S9.1.0  |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.2.0_A1  | S9.2.0  |  | Time of Concentration | 0.051 | 100 | 0.0 | 100.0 | 0.051 |
| IMP_S8.2.0_A2  | S9.2.0  |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.2.0_A3  | S9.2.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.2.0_A4  | S9.2.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.2.0_A5  | S9.2.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.2.0_A6  | S9.2.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.2.0_A7  | S9.2.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.2.0_A8  | S9.2.0  |  | Time of Concentration | 0.023 | 100 | 0.0 | 100.0 | 0.023 |
| IMP_S8.3.0_A1  | S9.3.0  |  | Time of Concentration | 0.038 | 100 | 0.0 | 100.0 | 0.038 |
| IMP_S8.3.0_A2  | S9.3.0  |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.3.0_A3  | S9.3.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.3.0_A4  | S9.3.0  |  | Time of Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S8.3.0_A5  | S9.3.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.3.0_A6  | S9.3.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.3.0_A7  | S9.3.0  |  | Time of Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.3.0_A8  | S9.3.0  |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.3.0_A9  | S9.3.0  |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.008 |
| IMP_S8.3.0_A10 | S9.3.0  |  | Time of Concentration | 0.022 | 100 | 0.0 | 100.0 | 0.022 |
| IMP_S8.3.0_A11 | S9.3.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.3.0_A12 | S9.3.0  |  | Time of Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.3.0_A13 | S9.3.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.3.0_A14 | S9.3.0  |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.3.0_A15 | S9.3.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.4.0     | S9.4.0  |  | Time of Concentration | 0.012 | 100 | 0.0 | 100.0 | 0.012 |
| IMP_S8.4.2_A1  | S24.8.0 |  | Time of Concentration | 0.012 | 100 | 0.0 | 100.0 | 0.012 |
| IMP_S8.5.0_A1  | S9.5.0  |  | Time of Concentration | 0.048 | 100 | 0.0 | 100.0 | 0.048 |
| IMP_S8.5.0_A2  | S9.5.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.5.0_A3  | S9.5.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.5.0_A4  | S9.5.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.5.0_A5  | S9.5.0  |  | Time of Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.009 |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |



|                |        |  |                       |       |     |     |       |       |
|----------------|--------|--|-----------------------|-------|-----|-----|-------|-------|
| IMP_S8.5.0_A6  | S9.5.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.5.0_A7  | S9.5.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.5.0_A8  | S9.5.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.5.0_A9  | S9.5.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.5.0_A10 | S9.5.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.5.0_A11 | S9.5.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.5.0_A12 | S9.5.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.5.0_A13 | S9.5.0 |  | Time of Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.5.0_A14 | S9.5.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.6.0_A1  | S9.6.0 |  | Time of Concentration | 0.018 | 100 | 0.0 | 100.0 | 0.018 |
| IMP_S8.6.0_A2  | S9.6.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.6.0_A3  | S9.6.0 |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.6.1_A1  | S9.6.1 |  | Time of Concentration | 0.006 | 100 | 0.0 | 100.0 | 0.006 |
| IMP_S8.6.1_A2  | S9.6.1 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.6.1_A3  | S9.6.1 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.6.1_A4  | S9.6.1 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.7.0     | S9.7.0 |  | Time of Concentration | 0.022 | 100 | 0.0 | 100.0 | 0.022 |
| IMP_S8.7.1_A1  | S9.7.1 |  | Time of Concentration | 0.014 | 100 | 0.0 | 100.0 | 0.014 |
| IMP_S8.7.1_A2  | S9.7.1 |  | Time of Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.7.1_A3  | S9.7.1 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.7.2_A1  | S9.7.2 |  | Time of Concentration | 0.017 | 100 | 0.0 | 100.0 | 0.017 |
| IMP_S8.7.2_A2  | S9.7.2 |  | Time of Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.7.2_A3  | S9.7.2 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.8.0_A1  | S9.8.0 |  | Time of Concentration | 0.051 | 100 | 0.0 | 100.0 | 0.051 |
| IMP_S8.8.0_A2  | S9.8.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.8.0_A3  | S9.8.0 |  | Time of Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.8.0_A4  | S9.8.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.8.0_A5  | S9.8.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.8.0_A6  | S9.8.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.8.0_A7  | S9.8.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.8.0_A8  | S9.8.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.8.0_A9  | S9.8.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.8.0_A10 | S9.8.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.8.0_A11 | S9.8.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.8.0_A12 | S9.8.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |



|                |         |  |                       |       |     |     |       |       |
|----------------|---------|--|-----------------------|-------|-----|-----|-------|-------|
| IMP_S8.8.0_A13 | S9.8.0  |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.8.0_A14 | S9.8.0  |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.8.0_A15 | S9.8.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.8.0_A16 | S9.8.0  |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.8.0_A17 | S9.8.0  |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.8.0_A18 | S9.8.0  |  | Time of Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.8.0_A19 | S9.8.0  |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.8.0_A20 | S9.8.0  |  | Time of Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.8.0_A21 | S9.8.0  |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.8.0_A22 | S9.8.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.8.0_A23 | S9.8.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.8.0_A24 | S9.8.0  |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.9.0_A1  | S9.9.0  |  | Time of Concentration | 0.009 | 100 | 0.0 | 100.0 | 0.009 |
| IMP_S8.9.0_A2  | S9.9.0  |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.9.0_A3  | S9.9.0  |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.10.0_A1 | S9.10.0 |  | Time of Concentration | 0.014 | 100 | 0.0 | 100.0 | 0.014 |
| IMP_S8.10.0_A2 | S9.10.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.10.0_A3 | S9.10.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.10.0_A4 | S9.10.0 |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.10.1_A1 | S9.10.1 |  | Time of Concentration | 0.011 | 100 | 0.0 | 100.0 | 0.011 |
| IMP_S8.10.1_A2 | S9.10.1 |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.10.1_A3 | S9.10.1 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.10.1_A4 | S9.10.1 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.10.2_A1 | S9.10.2 |  | Time of Concentration | 0.010 | 100 | 0.0 | 100.0 | 0.010 |
| IMP_S8.10.2_A2 | S9.10.2 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.10.2_A3 | S9.10.2 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.10.2_A4 | S9.10.2 |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.11.0_A1 | S9.11.0 |  | Time of Concentration | 0.026 | 100 | 0.0 | 100.0 | 0.026 |
| IMP_S8.11.0_A2 | S9.11.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.11.0_A3 | S9.11.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.11.0_A4 | S9.11.0 |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.11.0_A5 | S9.11.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.11.0_A6 | S9.11.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.11.0_A7 | S9.11.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.11.0_A8 | S9.11.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |



|                    |         |  |                          |       |     |     |       |       |
|--------------------|---------|--|--------------------------|-------|-----|-----|-------|-------|
| IMP_S8.11.0<br>A9  | S9.11.0 |  | Time of<br>Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.11.0<br>A10 | S9.11.0 |  | Time of<br>Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.11.0<br>A11 | S9.11.0 |  | Time of<br>Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.11.0<br>A12 | S9.11.0 |  | Time of<br>Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.11.0<br>A13 | S9.11.0 |  | Time of<br>Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.11.0<br>A14 | S9.11.0 |  | Time of<br>Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.12.0<br>A1  | S9.12.0 |  | Time of<br>Concentration | 0.059 | 100 | 0.0 | 100.0 | 0.059 |
| IMP_S8.12.0<br>A2  | S9.12.0 |  | Time of<br>Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.011 |
| IMP_S8.12.0<br>A3  | S9.12.0 |  | Time of<br>Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.12.0<br>A4  | S9.12.0 |  | Time of<br>Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.12.0<br>A5  | S9.12.0 |  | Time of<br>Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.12.0<br>A6  | S9.12.0 |  | Time of<br>Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.008 |
| IMP_S8.12.0<br>A7  | S9.12.0 |  | Time of<br>Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.12.1<br>A1  | S9.12.1 |  | Time of<br>Concentration | 0.022 | 100 | 0.0 | 100.0 | 0.022 |
| IMP_S8.12.1<br>A2  | S9.12.1 |  | Time of<br>Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.011 |
| IMP_S8.12.1<br>A3  | S9.12.1 |  | Time of<br>Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S8.12.2<br>A1  | S9.12.2 |  | Time of<br>Concentration | 0.005 | 100 | 0.0 | 100.0 | 0.005 |
| IMP_S8.12.2<br>A2  | S9.12.2 |  | Time of<br>Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.12.2<br>A3  | S9.12.2 |  | Time of<br>Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.003 |
| IMP_S8.12.2<br>A4  | S9.12.3 |  | Time of<br>Concentration | 0.011 | 100 | 7.2 | 107.2 | 0.012 |
| IMP_S8.12.3<br>A1  | S9.12.3 |  | Time of<br>Concentration | 0.003 | 100 | 0.0 | 100.0 | 0.003 |
| IMP_S8.12.3<br>A2  | S9.12.3 |  | Time of<br>Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.008 |
| IMP_S8.12.3<br>A3  | S9.12.3 |  | Time of<br>Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.12.4<br>A1  | S9.12.4 |  | Time of<br>Concentration | 0.005 | 100 | 0.0 | 100.0 | 0.005 |
| IMP_S8.12.4<br>A2  | S9.12.4 |  | Time of<br>Concentration | 0.011 | 100 | 7.2 | 107.2 | 0.012 |
| IMP_S8.12.5<br>A1  | S9.12.5 |  | Time of<br>Concentration | 0.008 | 100 | 0.0 | 100.0 | 0.008 |
| IMP_S8.12.5<br>A2  | S9.12.5 |  | Time of<br>Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.12.5<br>A3  | S9.12.5 |  | Time of<br>Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.12.5<br>A4  | S9.12.5 |  | Time of<br>Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.12.5<br>A5  | S9.12.5 |  | Time of<br>Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.12.5<br>A6  | S9.12.5 |  | Time of<br>Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.12.6<br>A1  | S9.12.6 |  | Time of<br>Concentration | 0.006 | 100 | 0.0 | 100.0 | 0.006 |
| IMP_S8.12.6<br>A2  | S9.12.6 |  | Time of<br>Concentration | 0.011 | 100 | 7.2 | 107.2 | 0.012 |
| IMP_S8.12.7<br>A1  | S9.12.7 |  | Time of<br>Concentration | 0.002 | 100 | 0.0 | 100.0 | 0.002 |
| IMP_S8.12.7<br>A2  | S9.12.7 |  | Time of<br>Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.010 |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |

|                    |         |  |                          |       |     |     |       |       |
|--------------------|---------|--|--------------------------|-------|-----|-----|-------|-------|
| IMP_S8.12.7<br>A3  | S9.12.7 |  | Time of<br>Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.13.0<br>A1  | S9.13.0 |  | Time of<br>Concentration | 0.015 | 100 | 0.0 | 100.0 | 0.015 |
| IMP_S8.13.0<br>A2  | S9.13.0 |  | Time of<br>Concentration | 0.011 | 100 | 7.2 | 107.2 | 0.012 |
| IMP_S8.13.0<br>A3  | S9.13.0 |  | Time of<br>Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.13.0<br>A4  | S9.13.0 |  | Time of<br>Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S8.13.0<br>A5  | S9.13.0 |  | Time of<br>Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.13.0<br>A6  | S9.13.0 |  | Time of<br>Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.14.0<br>A1  | S9.14.0 |  | Time of<br>Concentration | 0.022 | 100 | 0.0 | 100.0 | 0.022 |
| IMP_S8.14.0<br>A2  | S9.14.0 |  | Time of<br>Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.14.0<br>A3  | S9.14.0 |  | Time of<br>Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.14.0<br>A4  | S9.14.0 |  | Time of<br>Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S8.14.0<br>A5  | S9.14.0 |  | Time of<br>Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.14.0<br>A6  | S9.14.0 |  | Time of<br>Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.14.0<br>A7  | S9.14.0 |  | Time of<br>Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S8.14.0<br>A8  | S9.14.0 |  | Time of<br>Concentration | 0.013 | 100 | 7.2 | 107.2 | 0.014 |
| IMP_S8.14.0<br>A9  | S9.14.0 |  | Time of<br>Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.14.0<br>A10 | S9.14.0 |  | Time of<br>Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.14.0<br>A11 | S9.14.0 |  | Time of<br>Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.15.0<br>A1  | S9.15.0 |  | Time of<br>Concentration | 0.033 | 100 | 0.0 | 100.0 | 0.033 |
| IMP_S8.15.0<br>A2  | S9.15.0 |  | Time of<br>Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.15.0<br>A3  | S9.15.0 |  | Time of<br>Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.15.0<br>A4  | S9.15.0 |  | Time of<br>Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.15.0<br>A5  | S9.15.0 |  | Time of<br>Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.15.0<br>A6  | S9.15.0 |  | Time of<br>Concentration | 0.011 | 100 | 7.2 | 107.2 | 0.012 |
| IMP_S8.15.0<br>A7  | S9.15.0 |  | Time of<br>Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.15.0<br>A8  | S9.15.0 |  | Time of<br>Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.15.0<br>A9  | S9.15.0 |  | Time of<br>Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.15.0<br>A10 | S9.15.0 |  | Time of<br>Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.15.0<br>A11 | S9.15.0 |  | Time of<br>Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.15.0<br>A12 | S9.15.0 |  | Time of<br>Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.15.0<br>A13 | S9.15.0 |  | Time of<br>Concentration | 0.012 | 100 | 7.2 | 107.2 | 0.013 |
| IMP_S8.15.0<br>A14 | S9.15.0 |  | Time of<br>Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.15.0<br>A15 | S9.15.0 |  | Time of<br>Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.15.0<br>A16 | S9.15.0 |  | Time of<br>Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.16.0<br>A1  | S9.16.0 |  | Time of<br>Concentration | 0.078 | 100 | 0.0 | 100.0 | 0.078 |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |



|                 |         |  |                       |       |     |     |       |       |
|-----------------|---------|--|-----------------------|-------|-----|-----|-------|-------|
| IMP_S8.16.0_A2  | S9.16.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.16.0_A3  | S9.16.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.16.0_A4  | S9.16.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.16.0_A5  | S9.16.0 |  | Time of Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S8.16.0_A6  | S9.16.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.16.0_A7  | S9.16.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.16.0_A8  | S9.16.0 |  | Time of Concentration | 0.003 | 100 | 7.2 | 107.2 | 0.003 |
| IMP_S8.16.0_A9  | S9.16.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.16.0_A10 | S9.16.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.16.0_A11 | S9.16.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.16.0_A12 | S9.16.0 |  | Time of Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.008 |
| IMP_S8.16.0_A13 | S9.16.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.16.0_A14 | S9.16.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.16.0_A15 | S9.16.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.16.0_A16 | S9.16.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.16.0_A17 | S9.16.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.16.0_A18 | S9.16.0 |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.008 |
| IMP_S8.16.0_A19 | S9.16.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.16.0_A20 | S9.16.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.16.0_A21 | S9.16.0 |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.008 |
| IMP_S8.16.0_A22 | S9.16.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.16.0_A23 | S9.16.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.16.0_A24 | S9.16.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.16.0_A25 | S9.16.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.16.0_A26 | S9.16.0 |  | Time of Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S8.16.0_A27 | S9.16.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.16.0_A28 | S9.16.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.16.0_A29 | S9.16.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.16.0_A30 | S9.16.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S8.16.0_A31 | S9.16.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S8.16.0_A32 | S9.16.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S8.16.1_A1  | S9.16.1 |  | Time of Concentration | 0.019 | 100 | 0.0 | 100.0 | 0.019 |
| IMP_S8.16.1_A2  | S9.16.1 |  | Time of Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S8.16.1_A3  | S9.16.1 |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S8.16.2_A1  | S9.16.2 |  | Time of Concentration | 0.006 | 100 | 0.0 | 100.0 | 0.006 |

|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

|                |         |  |                       |       |     |     |       |       |
|----------------|---------|--|-----------------------|-------|-----|-----|-------|-------|
| IMP_S8.16.2_A2 | S9.16.2 |  | Time of Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S8.16.3    | S9.16.3 |  | Time of Concentration | 0.004 | 100 | 0.0 | 100.0 | 0.004 |
| IMP_S8.16.4_A1 | S9.16.4 |  | Time of Concentration | 0.007 | 100 | 0.0 | 100.0 | 0.007 |
| IMP_S8.16.4_A2 | S9.16.4 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.16.4_A3 | S9.16.4 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S8.16.4_A4 | S9.16.4 |  | Time of Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S8.17.0_A1 | S9.17.0 |  | Time of Concentration | 0.017 | 100 | 0.0 | 100.0 | 0.017 |
| IMP_S8.17.0_A2 | S9.17.0 |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.008 |
| IMP_S8.17.0_A3 | S9.17.0 |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S9.0.0_A1  | S10.0.0 |  | Time of Concentration | 0.046 | 100 | 0.0 | 100.0 | 0.046 |
| IMP_S9.0.0_A2  | S10.0.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S9.0.0_A3  | S10.0.0 |  | Time of Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S9.0.0_A4  | S10.0.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S9.0.0_A5  | S10.0.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S9.0.0_A6  | S10.0.0 |  | Time of Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S9.0.1_A1  | S10.0.1 |  | Time of Concentration | 0.024 | 100 | 0.0 | 100.0 | 0.024 |
| IMP_S9.0.1_A2  | S10.0.1 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.1_A3  | S10.0.1 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.1_A4  | S10.0.1 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S9.0.2_A1  | S10.0.2 |  | Time of Concentration | 0.010 | 100 | 0.0 | 100.0 | 0.010 |
| IMP_S9.0.2_A2  | S10.0.2 |  | Time of Concentration | 0.007 | 100 | 0.0 | 100.0 | 0.007 |
| IMP_S9.0.2_A3  | S10.0.2 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S9.0.3_A1  | S10.0.3 |  | Time of Concentration | 0.049 | 100 | 0.0 | 100.0 | 0.049 |
| IMP_S9.0.3_A2  | S10.0.3 |  | Time of Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S9.0.3_A3  | S10.0.3 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.3_A4  | S10.0.3 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S9.0.3_A5  | S10.0.3 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.3_A6  | S10.0.3 |  | Time of Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S9.0.3_A7  | S10.0.3 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.3_A8  | S10.0.3 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.3_A9  | S10.0.3 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S9.0.3_A10 | S10.0.3 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.3_A11 | S10.0.3 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.3_A12 | S10.0.3 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.3_A13 | S10.0.3 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |



|                |         |  |                       |       |     |     |       |       |
|----------------|---------|--|-----------------------|-------|-----|-----|-------|-------|
| IMP_S9.0.3_A14 | S10.0.3 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.4_A1  | S10.0.4 |  | Time of Concentration | 0.028 | 100 | 0.0 | 100.0 | 0.028 |
| IMP_S9.0.4_A2  | S10.0.4 |  | Time of Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.008 |
| IMP_S9.0.4_A3  | S10.0.4 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S9.0.4_A4  | S10.0.4 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.4_A5  | S10.0.4 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.4_A6  | S10.0.4 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S9.0.5_A1  | S10.0.5 |  | Time of Concentration | 0.021 | 100 | 0.0 | 100.0 | 0.021 |
| IMP_S9.0.5_A2  | S10.0.5 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S9.0.5_A3  | S10.0.5 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.5_A4  | S10.0.5 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.005 |
| IMP_S9.0.5_A5  | S10.0.5 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S9.0.5_A6  | S10.0.5 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S9.0.5_A7  | S10.0.5 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S9.0.5_A8  | S10.0.5 |  | Time of Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.011 |
| IMP_S9.0.5_A9  | S10.0.5 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S9.1.0_A1  | S10.1.0 |  | Time of Concentration | 0.161 | 100 | 0.0 | 100.0 | 0.161 |
| IMP_S9.1.0_A2  | S10.1.0 |  | Time of Concentration | 0.075 | 100 | 7.2 | 107.2 | 0.080 |
| IMP_S9.1.1     | S10.1.1 |  | Time of Concentration | 0.037 | 100 | 0.0 | 100.0 | 0.037 |
| IMP_S9.2.0_A1  | S10.2.0 |  | Time of Concentration | 0.036 | 100 | 0.0 | 100.0 | 0.036 |
| IMP_S9.2.0_A2  | S10.2.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S9.2.0_A3  | S10.2.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S9.2.0_A4  | S10.2.0 |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S9.2.0_A5  | S10.2.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S9.2.0_A6  | S10.2.0 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S9.2.0_A7  | S10.2.0 |  | Time of Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S9.2.0_A8  | S10.2.0 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S9.2.0_A9  | S10.2.0 |  | Time of Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S9.2.0_A10 | S10.2.0 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S9.2.1_A1  | S10.2.1 |  | Time of Concentration | 0.032 | 100 | 0.0 | 100.0 | 0.032 |
| IMP_S9.2.1_A2  | S10.2.1 |  | Time of Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S9.2.1_A3  | S10.2.1 |  | Time of Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S9.2.1_A4  | S10.2.1 |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S9.2.1_A5  | S10.2.1 |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S9.2.1_A6  | S10.2.1 |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |



|                 |              |  |                       |       |     |     |       |       |
|-----------------|--------------|--|-----------------------|-------|-----|-----|-------|-------|
| IMP_S9.3.0_A1   | S10.3.0      |  | Time of Concentration | 0.011 | 100 | 0.0 | 100.0 | 0.011 |
| IMP_S9.3.0_A2   | S10.3.0      |  | Time of Concentration | 0.009 | 100 | 7.2 | 107.2 | 0.010 |
| IMP_S9.3.0_A3   | S10.3.0      |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S9.3.0_A4   | S10.3.0      |  | Time of Concentration | 0.007 | 100 | 7.2 | 107.2 | 0.007 |
| IMP_S10.0.0_A1  | S11.0.0      |  | Time of Concentration | 0.085 | 100 | 0.0 | 100.0 | 0.085 |
| IMP_S10.0.0_A2  | S11.0.0      |  | Time of Concentration | 0.035 | 100 | 7.2 | 107.2 | 0.037 |
| IMP_S10.0.0_A3  | S11.0.0      |  | Time of Concentration | 0.098 | 100 | 7.2 | 107.2 | 0.105 |
| IMP_S10.0.1     | S11.0.1      |  | Time of Concentration | 0.043 | 100 | 0.0 | 100.0 | 0.043 |
| IMP_S11.0.0     | S12.0.0      |  | Time of Concentration | 0.057 | 100 | 0.0 | 100.0 | 0.057 |
| IMP_S12.0.0     | S13.0.0      |  | Time of Concentration | 0.048 | 100 | 0.0 | 100.0 | 0.048 |
| IMP_S12.0.1_A1  | S13.0.1      |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.008 |
| IMP_S12.0.1_A2  | S13.0.1      |  | Time of Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.011 |
| IMP_S12.0.1_A3  | S13.0.1      |  | Time of Concentration | 0.004 | 100 | 7.2 | 107.2 | 0.004 |
| IMP_S12.0.1_A4  | S13.0.1      |  | Time of Concentration | 0.008 | 100 | 7.2 | 107.2 | 0.009 |
| IMP_S12.0.2_A1  | S13.0.2      |  | Time of Concentration | 0.009 | 100 | 0.0 | 100.0 | 0.009 |
| IMP_S12.0.2_A2  | S13.0.2      |  | Time of Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.011 |
| IMP_S12.0.2_A3  | S13.0.2      |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S12.0.2_A4  | S13.0.2      |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.003 |
| IMP_S12.0.3_A1  | S13.0.3      |  | Time of Concentration | 0.035 | 100 | 0.0 | 100.0 | 0.035 |
| IMP_S12.0.3_A2  | S13.0.3      |  | Time of Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.011 |
| IMP_S12.0.3_A3  | S13.0.3      |  | Time of Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.011 |
| IMP_S12.0.3_A4  | S13.0.3      |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S12.0.3_A5  | S13.0.3      |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.003 |
| IMP_S12.0.3_A6  | S13.0.3      |  | Time of Concentration | 0.010 | 100 | 7.2 | 107.2 | 0.011 |
| IMP_S12.0.3_A7  | S13.0.3      |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S12.0.3_A8  | S13.0.3      |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S12.0.3_A9  | S13.0.3      |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S12.0.3_A10 | S13.0.3      |  | Time of Concentration | 0.006 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S12.0.3_A11 | S13.0.3      |  | Time of Concentration | 0.005 | 100 | 7.2 | 107.2 | 0.006 |
| IMP_S12.0.3_A12 | S13.0.3      |  | Time of Concentration | 0.002 | 100 | 7.2 | 107.2 | 0.002 |
| IMP_S13.0.0_A1  | S14.0.0 (FC) |  | Time of Concentration | 0.059 | 100 | 0.0 | 100.0 | 0.059 |
| IMP_S13.0.0_A2  | S14.0.0 (FC) |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S13.0.0_A3  | S14.0.0 (FC) |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S13.0.0_A4  | S14.0.0 (FC) |  | Time of Concentration | 0.007 | 100 | 8.4 | 108.4 | 0.007 |
| IMP_S13.0.0_A5  | S14.0.0 (FC) |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.007 |

|                                                                              |                     |             |              |                                                                                     |
|------------------------------------------------------------------------------|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026 |             |              |  |
|                                                                              | Designed by:        | Checked by: | Approved By: |                                                                                     |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |
|                                                                              | Revision:<br>Rev 1  |             |              |                                                                                     |

|                    |              |  |                          |       |     |      |       |       |
|--------------------|--------------|--|--------------------------|-------|-----|------|-------|-------|
| IMP_S13.0.0<br>A6  | S14.0.0 (FC) |  | Time of<br>Concentration | 0.009 | 100 | 8.4  | 108.4 | 0.009 |
| IMP_S13.0.0<br>A7  | S14.0.0 (FC) |  | Time of<br>Concentration | 0.004 | 100 | 8.4  | 108.4 | 0.004 |
| IMP_S13.0.0<br>A8  | S14.0.0 (FC) |  | Time of<br>Concentration | 0.008 | 100 | 8.4  | 108.4 | 0.009 |
| IMP_S14.0.0<br>A1  | S15.0.0      |  | Time of<br>Concentration | 0.094 | 100 | 0.0  | 100.0 | 0.094 |
| IMP_S14.0.0<br>A2  | S15.0.0      |  | Time of<br>Concentration | 0.007 | 100 | 0.0  | 100.0 | 0.007 |
| IMP_S14.0.0<br>A3  | S15.0.0      |  | Time of<br>Concentration | 0.010 | 100 | 8.4  | 108.4 | 0.010 |
| IMP_S14.0.0<br>A4  | S15.0.0      |  | Time of<br>Concentration | 0.006 | 100 | 8.4  | 108.4 | 0.006 |
| IMP_S14.0.0<br>A5  | S15.0.0      |  | Time of<br>Concentration | 0.007 | 100 | 8.4  | 108.4 | 0.007 |
| IMP_S14.0.0<br>A6  | S15.0.0      |  | Time of<br>Concentration | 0.002 | 100 | 8.4  | 108.4 | 0.002 |
| IMP_S14.0.0<br>A7  | S15.0.0      |  | Time of<br>Concentration | 0.005 | 100 | 8.4  | 108.4 | 0.005 |
| IMP_S14.0.0<br>A8  | S15.0.0      |  | Time of<br>Concentration | 0.005 | 100 | 8.4  | 108.4 | 0.005 |
| IMP_S14.0.1<br>A1  | S15.0.1      |  | Time of<br>Concentration | 0.006 | 100 | 0.0  | 100.0 | 0.006 |
| IMP_S14.0.1<br>A2  | S15.0.1      |  | Time of<br>Concentration | 0.011 | 100 | 8.4  | 108.4 | 0.012 |
| IMP_S14.0.1<br>A3  | S15.0.1      |  | Time of<br>Concentration | 0.004 | 100 | 8.4  | 108.4 | 0.004 |
| IMP_S14.0.1<br>A4  | S15.0.1      |  | Time of<br>Concentration | 0.006 | 100 | 8.4  | 108.4 | 0.006 |
| IMP_S14.0.1<br>A5  | S15.0.1      |  | Time of<br>Concentration | 0.006 | 100 | 8.4  | 108.4 | 0.007 |
| IMP_S14.0.1<br>A6  | S15.0.1      |  | Time of<br>Concentration | 0.002 | 100 | 8.4  | 108.4 | 0.002 |
| IMP_S14.0.1<br>A7  | S15.0.1      |  | Time of<br>Concentration | 0.010 | 100 | 8.4  | 108.4 | 0.010 |
| IMP_S14.0.1<br>A8  | S15.0.1      |  | Time of<br>Concentration | 0.006 | 100 | 8.4  | 108.4 | 0.006 |
| IMP_S14.0.1<br>A9  | S15.0.1      |  | Time of<br>Concentration | 0.002 | 100 | 8.4  | 108.4 | 0.003 |
| IMP_S14.0.1<br>A10 | S15.0.1      |  | Time of<br>Concentration | 0.010 | 100 | 8.4  | 108.4 | 0.011 |
| IMP_S14.0.1<br>A11 | S15.0.1      |  | Time of<br>Concentration | 0.005 | 100 | 8.4  | 108.4 | 0.005 |
| IMP_S14.0.1<br>A12 | S15.0.1      |  | Time of<br>Concentration | 0.002 | 100 | 8.4  | 108.4 | 0.002 |
| IMP_S14.0.1<br>A13 | S15.0.1      |  | Time of<br>Concentration | 0.008 | 100 | 8.4  | 108.4 | 0.009 |
| IMP_S14.0.1<br>A14 | S15.0.1      |  | Time of<br>Concentration | 0.011 | 100 | 8.4  | 108.4 | 0.012 |
| IMP_S14.0.1<br>A15 | S15.0.1      |  | Time of<br>Concentration | 0.004 | 100 | 8.4  | 108.4 | 0.004 |
| IMP_S14.0.2<br>A1  | S15.0.2 (FC) |  | Time of<br>Concentration | 0.035 | 100 | 0.0  | 100.0 | 0.035 |
| IMP_S14.0.2<br>A2  | S15.0.2 (FC) |  | Time of<br>Concentration | 0.011 | 100 | 8.4  | 108.4 | 0.012 |
| IMP_S14.0.3<br>A1  | S15.0.3      |  | Time of<br>Concentration | 0.043 | 100 | 0.0  | 100.0 | 0.043 |
| IMP_S14.0.3<br>A2  | S15.0.3      |  | Time of<br>Concentration | 0.008 | 100 | 10.0 | 110.0 | 0.009 |
| IMP_S14.0.3<br>A3  | S15.0.3      |  | Time of<br>Concentration | 0.007 | 100 | 10.0 | 110.0 | 0.008 |
| IMP_S14.0.3<br>A4  | S15.0.3      |  | Time of<br>Concentration | 0.002 | 100 | 10.0 | 110.0 | 0.002 |
| IMP_S14.0.3<br>A5  | S15.0.3      |  | Time of<br>Concentration | 0.010 | 100 | 10.0 | 110.0 | 0.011 |
| IMP_S14.0.3<br>A6  | S15.0.3      |  | Time of<br>Concentration | 0.010 | 100 | 10.0 | 110.0 | 0.011 |
| IMP_S14.0.3<br>A7  | S15.0.3      |  | Time of<br>Concentration | 0.004 | 100 | 10.0 | 110.0 | 0.004 |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |

|                 |         |  |                       |       |     |      |       |       |
|-----------------|---------|--|-----------------------|-------|-----|------|-------|-------|
| IMP_S14.0.3 A8  | S15.0.3 |  | Time of Concentration | 0.006 | 100 | 10.0 | 110.0 | 0.006 |
| IMP_S14.0.3 A9  | S15.0.3 |  | Time of Concentration | 0.005 | 100 | 10.0 | 110.0 | 0.006 |
| IMP_S14.0.3 A10 | S15.0.3 |  | Time of Concentration | 0.011 | 100 | 10.0 | 110.0 | 0.012 |
| IMP_S14.0.3 A11 | S15.0.3 |  | Time of Concentration | 0.004 | 100 | 10.0 | 110.0 | 0.004 |
| IMP_S14.0.3 A12 | S15.0.3 |  | Time of Concentration | 0.010 | 100 | 10.0 | 110.0 | 0.011 |
| IMP_S14.0.3 A13 | S15.0.3 |  | Time of Concentration | 0.005 | 100 | 10.0 | 110.0 | 0.006 |
| IMP_S14.0.3 A14 | S15.0.3 |  | Time of Concentration | 0.002 | 100 | 10.0 | 110.0 | 0.003 |
| IMP_S14.0.4 A1  | S15.0.4 |  | Time of Concentration | 0.006 | 100 | 0.0  | 100.0 | 0.006 |
| IMP_S14.0.4 A2  | S15.0.4 |  | Time of Concentration | 0.010 | 100 | 10.0 | 110.0 | 0.011 |
| IMP_S14.0.5 A1  | S15.0.5 |  | Time of Concentration | 0.008 | 100 | 0.0  | 100.0 | 0.008 |
| IMP_S14.0.5 A2  | S15.0.5 |  | Time of Concentration | 0.006 | 100 | 10.0 | 110.0 | 0.006 |
| IMP_S14.0.5 A3  | S15.0.5 |  | Time of Concentration | 0.002 | 100 | 10.0 | 110.0 | 0.003 |
| IMP_S14.0.5 A4  | S15.0.5 |  | Time of Concentration | 0.010 | 100 | 10.0 | 110.0 | 0.011 |
| IMP_S14.0.6 A1  | S15.0.6 |  | Time of Concentration | 0.009 | 100 | 0.0  | 100.0 | 0.009 |
| IMP_S14.0.6 A2  | S15.0.6 |  | Time of Concentration | 0.010 | 100 | 10.0 | 110.0 | 0.011 |
| IMP_S14.0.7 A1  | S15.0.7 |  | Time of Concentration | 0.013 | 100 | 0.0  | 100.0 | 0.013 |
| IMP_S14.0.7 A2  | S15.0.7 |  | Time of Concentration | 0.010 | 100 | 10.0 | 110.0 | 0.011 |
| IMP_S14.0.7 A3  | S15.0.7 |  | Time of Concentration | 0.004 | 100 | 10.0 | 110.0 | 0.004 |
| IMP_S14.0.7 A4  | S15.0.7 |  | Time of Concentration | 0.008 | 100 | 10.0 | 110.0 | 0.009 |
| IMP_S14.0.7 A5  | S15.0.7 |  | Time of Concentration | 0.005 | 100 | 10.0 | 110.0 | 0.006 |
| IMP_S14.0.7 A6  | S15.0.7 |  | Time of Concentration | 0.002 | 100 | 10.0 | 110.0 | 0.002 |
| IMP_S14.0.7 A7  | S15.0.7 |  | Time of Concentration | 0.008 | 100 | 10.0 | 110.0 | 0.009 |
| IMP_S14.0.8 A1  | S15.0.8 |  | Time of Concentration | 0.021 | 100 | 0.0  | 100.0 | 0.021 |
| IMP_S14.0.8 A2  | S15.0.8 |  | Time of Concentration | 0.006 | 100 | 10.0 | 110.0 | 0.007 |
| IMP_S14.0.8 A3  | S15.0.8 |  | Time of Concentration | 0.002 | 100 | 10.0 | 110.0 | 0.002 |
| IMP_S14.0.8 A4  | S15.0.8 |  | Time of Concentration | 0.008 | 100 | 10.0 | 110.0 | 0.009 |
| IMP_S14.0.8 A5  | S15.0.8 |  | Time of Concentration | 0.005 | 100 | 10.0 | 110.0 | 0.005 |
| IMP_S14.0.8 A6  | S15.0.8 |  | Time of Concentration | 0.002 | 100 | 10.0 | 110.0 | 0.002 |
| IMP_S14.0.8 A7  | S15.0.8 |  | Time of Concentration | 0.008 | 100 | 10.0 | 110.0 | 0.009 |
| IMP_S14.0.8 A8  | S15.0.8 |  | Time of Concentration | 0.005 | 100 | 10.0 | 110.0 | 0.006 |
| IMP_S14.0.8 A9  | S15.0.8 |  | Time of Concentration | 0.002 | 100 | 10.0 | 110.0 | 0.002 |
| IMP_S14.0.9 A1  | S15.0.9 |  | Time of Concentration | 0.008 | 100 | 0.0  | 100.0 | 0.008 |
| IMP_S14.0.9 A2  | S15.0.9 |  | Time of Concentration | 0.008 | 100 | 10.0 | 110.0 | 0.009 |
| IMP_S14.1.0 A1  | S15.1.0 |  | Time of Concentration | 0.011 | 100 | 0.0  | 100.0 | 0.011 |
| IMP_S14.1.0 A2  | S15.1.0 |  | Time of Concentration | 0.010 | 100 | 8.4  | 108.4 | 0.010 |

|                                                                              |                     |             |              |                                                                                     |
|------------------------------------------------------------------------------|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026 |             |              |  |
|                                                                              | Designed by:        | Checked by: | Approved By: |                                                                                     |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |
|                                                                              | Revision:<br>Rev 1  |             |              |                                                                                     |

|                    |              |  |                          |       |     |     |       |       |
|--------------------|--------------|--|--------------------------|-------|-----|-----|-------|-------|
| IMP_S14.1.0<br>A3  | S15.1.0      |  | Time of<br>Concentration | 0.007 | 100 | 8.4 | 108.4 | 0.007 |
| IMP_S14.1.0<br>A4  | S15.1.0      |  | Time of<br>Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S14.2.0<br>A1  | S15.2.0      |  | Time of<br>Concentration | 0.027 | 100 | 0.0 | 100.0 | 0.027 |
| IMP_S14.2.0<br>A2  | S15.2.0      |  | Time of<br>Concentration | 0.008 | 100 | 8.4 | 108.4 | 0.009 |
| IMP_S14.2.0<br>A3  | S15.2.0      |  | Time of<br>Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S14.2.0<br>A4  | S15.2.0      |  | Time of<br>Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S14.2.0<br>A5  | S15.2.0      |  | Time of<br>Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.010 |
| IMP_S14.2.0<br>A6  | S15.2.0      |  | Time of<br>Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S14.2.0<br>A7  | S15.2.0      |  | Time of<br>Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S14.2.0<br>A8  | S15.2.0      |  | Time of<br>Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.010 |
| IMP_S14.2.0<br>A9  | S15.2.0      |  | Time of<br>Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S14.2.0<br>A10 | S15.2.0      |  | Time of<br>Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S14.2.0<br>A11 | S15.2.0      |  | Time of<br>Concentration | 0.008 | 100 | 8.4 | 108.4 | 0.009 |
| IMP_S14.3.0<br>A1  | S15.3.0      |  | Time of<br>Concentration | 0.019 | 100 | 0.0 | 100.0 | 0.019 |
| IMP_S14.3.0<br>A2  | S15.3.0      |  | Time of<br>Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S14.3.0<br>A3  | S15.3.0      |  | Time of<br>Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S14.3.0<br>A4  | S15.3.0      |  | Time of<br>Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S14.3.0<br>A5  | S15.3.0      |  | Time of<br>Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S14.4.0<br>A1  | S15.4.0      |  | Time of<br>Concentration | 0.010 | 100 | 0.0 | 100.0 | 0.010 |
| IMP_S14.4.0<br>A2  | S15.4.0      |  | Time of<br>Concentration | 0.011 | 100 | 8.4 | 108.4 | 0.012 |
| IMP_S14.4.0<br>A3  | S15.4.0      |  | Time of<br>Concentration | 0.011 | 100 | 8.4 | 108.4 | 0.012 |
| IMP_S14.4.0<br>A4  | S15.4.0      |  | Time of<br>Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S14.5.0<br>A1  | S15.5.0 (FC) |  | Time of<br>Concentration | 0.009 | 100 | 0.0 | 100.0 | 0.009 |
| IMP_S14.5.0<br>A2  | S15.5.0 (FC) |  | Time of<br>Concentration | 0.011 | 100 | 8.4 | 108.4 | 0.012 |
| IMP_S14.5.0<br>A3  | S15.5.0 (FC) |  | Time of<br>Concentration | 0.009 | 100 | 8.4 | 108.4 | 0.010 |
| IMP_S14.5.0<br>A4  | S15.5.0 (FC) |  | Time of<br>Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S14.5.0<br>A5  | S15.5.0 (FC) |  | Time of<br>Concentration | 0.011 | 100 | 8.4 | 108.4 | 0.012 |
| IMP_S14.6.0<br>A1  | S15.6.0      |  | Time of<br>Concentration | 0.015 | 100 | 0.0 | 100.0 | 0.015 |
| IMP_S14.6.0<br>A2  | S15.6.0      |  | Time of<br>Concentration | 0.010 | 100 | 9.5 | 109.5 | 0.011 |
| IMP_S14.6.0<br>A3  | S15.6.0      |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.6.0<br>A4  | S15.6.0      |  | Time of<br>Concentration | 0.002 | 100 | 9.5 | 109.5 | 0.002 |
| IMP_S14.6.0<br>A5  | S15.6.0      |  | Time of<br>Concentration | 0.010 | 100 | 9.5 | 109.5 | 0.011 |
| IMP_S14.6.0<br>A6  | S15.6.0      |  | Time of<br>Concentration | 0.009 | 100 | 9.5 | 109.5 | 0.010 |
| IMP_S14.6.0<br>A7  | S15.6.0      |  | Time of<br>Concentration | 0.004 | 100 | 9.5 | 109.5 | 0.004 |
| IMP_S14.6.0<br>A8  | S15.6.0      |  | Time of<br>Concentration | 0.006 | 100 | 9.5 | 109.5 | 0.006 |



|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |

|                    |         |  |                          |       |     |     |       |       |
|--------------------|---------|--|--------------------------|-------|-----|-----|-------|-------|
| IMP_S14.6.0<br>A9  | S15.6.0 |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.006 |
| IMP_S14.6.0<br>A10 | S15.6.0 |  | Time of<br>Concentration | 0.002 | 100 | 9.5 | 109.5 | 0.002 |
| IMP_S14.7.0<br>A1  | S15.7.0 |  | Time of<br>Concentration | 0.003 | 100 | 0.0 | 100.0 | 0.003 |
| IMP_S14.7.0<br>A2  | S15.7.0 |  | Time of<br>Concentration | 0.006 | 100 | 9.5 | 109.5 | 0.006 |
| IMP_S14.8.0        | S15.8.0 |  | Time of<br>Concentration | 0.013 | 100 | 0.0 | 100.0 | 0.013 |
| IMP_S14.8.1<br>A1  | S15.8.1 |  | Time of<br>Concentration | 0.042 | 100 | 0.0 | 100.0 | 0.042 |
| IMP_S14.8.1<br>A2  | S15.8.1 |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.006 |
| IMP_S14.8.1<br>A3  | S15.8.1 |  | Time of<br>Concentration | 0.002 | 100 | 9.5 | 109.5 | 0.002 |
| IMP_S14.8.1<br>A4  | S15.8.1 |  | Time of<br>Concentration | 0.007 | 100 | 9.5 | 109.5 | 0.007 |
| IMP_S14.8.1<br>A5  | S15.8.1 |  | Time of<br>Concentration | 0.006 | 100 | 9.5 | 109.5 | 0.007 |
| IMP_S14.8.1<br>A6  | S15.8.1 |  | Time of<br>Concentration | 0.004 | 100 | 9.5 | 109.5 | 0.004 |
| IMP_S14.8.1<br>A7  | S15.8.1 |  | Time of<br>Concentration | 0.002 | 100 | 9.5 | 109.5 | 0.002 |
| IMP_S14.8.1<br>A8  | S15.8.1 |  | Time of<br>Concentration | 0.006 | 100 | 9.5 | 109.5 | 0.006 |
| IMP_S14.8.1<br>A9  | S15.8.1 |  | Time of<br>Concentration | 0.008 | 100 | 9.5 | 109.5 | 0.009 |
| IMP_S14.8.2<br>A1  | S15.8.2 |  | Time of<br>Concentration | 0.013 | 100 | 0.0 | 100.0 | 0.013 |
| IMP_S14.8.2<br>A2  | S15.8.2 |  | Time of<br>Concentration | 0.009 | 100 | 9.5 | 109.5 | 0.010 |
| IMP_S14.8.2<br>A3  | S15.8.2 |  | Time of<br>Concentration | 0.004 | 100 | 9.5 | 109.5 | 0.004 |
| IMP_S14.8.2<br>A4  | S15.8.2 |  | Time of<br>Concentration | 0.007 | 100 | 9.5 | 109.5 | 0.007 |
| IMP_S14.8.2<br>A5  | S15.8.2 |  | Time of<br>Concentration | 0.004 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.8.2<br>A6  | S15.8.2 |  | Time of<br>Concentration | 0.002 | 100 | 9.5 | 109.5 | 0.002 |
| IMP_S14.8.2<br>A7  | S15.8.2 |  | Time of<br>Concentration | 0.009 | 100 | 9.5 | 109.5 | 0.010 |
| IMP_S14.8.2<br>A8  | S15.8.2 |  | Time of<br>Concentration | 0.004 | 100 | 9.5 | 109.5 | 0.004 |
| IMP_S14.8.2<br>A9  | S15.8.2 |  | Time of<br>Concentration | 0.010 | 100 | 9.5 | 109.5 | 0.011 |
| IMP_S14.8.3<br>A1  | S15.8.3 |  | Time of<br>Concentration | 0.024 | 100 | 0.0 | 100.0 | 0.024 |
| IMP_S14.8.3<br>A2  | S15.8.3 |  | Time of<br>Concentration | 0.007 | 100 | 9.5 | 109.5 | 0.007 |
| IMP_S14.8.3<br>A3  | S15.8.3 |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.8.4<br>A1  | S15.8.4 |  | Time of<br>Concentration | 0.047 | 100 | 0.0 | 100.0 | 0.047 |
| IMP_S14.8.4<br>A2  | S15.8.4 |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.8.4<br>A3  | S15.8.4 |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.8.4<br>A4  | S15.8.4 |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.8.4<br>A5  | S15.8.4 |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.006 |
| IMP_S14.8.4<br>A6  | S15.8.4 |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.8.4<br>A7  | S15.8.4 |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.8.4<br>A8  | S15.8.4 |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.006 |
| IMP_S14.8.4<br>A9  | S15.8.4 |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.005 |



|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |



|                      |          |  |                          |       |     |     |       |       |
|----------------------|----------|--|--------------------------|-------|-----|-----|-------|-------|
| IMP_S14.8.4<br>A10   | S15.8.4  |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.006 |
| IMP_S14.8.4<br>A11   | S15.8.4  |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.8.4<br>A12   | S15.8.4  |  | Time of<br>Concentration | 0.009 | 100 | 9.5 | 109.5 | 0.010 |
| IMP_S14.8.4<br>A13   | S15.8.4  |  | Time of<br>Concentration | 0.002 | 100 | 9.5 | 109.5 | 0.002 |
| IMP_S14.8.4<br>A14   | S15.8.4  |  | Time of<br>Concentration | 0.006 | 100 | 9.5 | 109.5 | 0.007 |
| IMP_S14.8.4<br>A15   | S15.8.4  |  | Time of<br>Concentration | 0.007 | 100 | 9.5 | 109.5 | 0.007 |
| IMP_S14.8.4<br>A16   | S15.8.4  |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.8.4<br>A17   | S15.8.4  |  | Time of<br>Concentration | 0.002 | 100 | 9.5 | 109.5 | 0.002 |
| IMP_S14.8.5          | S15.8.5  |  | Time of<br>Concentration | 0.023 | 100 | 0.0 | 100.0 | 0.023 |
| IMP_S14.8.6<br>A1    | S15.8.6  |  | Time of<br>Concentration | 0.042 | 100 | 0.0 | 100.0 | 0.042 |
| IMP_S14.8.6<br>A2    | S15.8.6  |  | Time of<br>Concentration | 0.008 | 100 | 9.5 | 109.5 | 0.009 |
| IMP_S14.8.6<br>A3    | S15.8.6  |  | Time of<br>Concentration | 0.008 | 100 | 9.5 | 109.5 | 0.009 |
| IMP_S14.8.6<br>A4    | S15.8.6  |  | Time of<br>Concentration | 0.002 | 100 | 9.5 | 109.5 | 0.002 |
| IMP_S14.8.6<br>A5    | S15.8.6  |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.8.6<br>A6    | S15.8.6  |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.8.6<br>A7    | S15.8.6  |  | Time of<br>Concentration | 0.004 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.8.6<br>A8    | S15.8.6  |  | Time of<br>Concentration | 0.008 | 100 | 9.5 | 109.5 | 0.009 |
| IMP_S14.8.6<br>A9    | S15.8.6  |  | Time of<br>Concentration | 0.008 | 100 | 9.5 | 109.5 | 0.008 |
| IMP_S14.8.6<br>A10   | S15.8.6  |  | Time of<br>Concentration | 0.009 | 100 | 9.5 | 109.5 | 0.010 |
| IMP_S14.8.6<br>A11   | S15.8.6  |  | Time of<br>Concentration | 0.004 | 100 | 9.5 | 109.5 | 0.004 |
| IMP_S14.8.6<br>A12   | S15.8.6  |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.006 |
| IMP_S14.8.6<br>A13   | S15.8.6  |  | Time of<br>Concentration | 0.006 | 100 | 9.5 | 109.5 | 0.006 |
| IMP_S14.8.6<br>A14   | S15.8.6  |  | Time of<br>Concentration | 0.004 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.8.6<br>A15   | S15.8.6  |  | Time of<br>Concentration | 0.002 | 100 | 9.5 | 109.5 | 0.002 |
| IMP_S14.8.7          | S15.8.7  |  | Time of<br>Concentration | 0.022 | 100 | 0.0 | 100.0 | 0.022 |
| IMP_S14.11.<br>0 A1  | S15.11.0 |  | Time of<br>Concentration | 0.020 | 100 | 0.0 | 100.0 | 0.020 |
| IMP_S14.11.<br>0 A2  | S15.11.0 |  | Time of<br>Concentration | 0.011 | 100 | 9.5 | 109.5 | 0.012 |
| IMP_S14.11.<br>0 A3  | S15.11.0 |  | Time of<br>Concentration | 0.010 | 100 | 9.5 | 109.5 | 0.011 |
| IMP_S14.11.<br>0 A4  | S15.11.0 |  | Time of<br>Concentration | 0.004 | 100 | 9.5 | 109.5 | 0.004 |
| IMP_S14.11.<br>0 A5  | S15.11.0 |  | Time of<br>Concentration | 0.010 | 100 | 9.5 | 109.5 | 0.011 |
| IMP_S14.11.<br>0 A6  | S15.11.0 |  | Time of<br>Concentration | 0.005 | 100 | 9.5 | 109.5 | 0.005 |
| IMP_S14.11.<br>0 A7  | S15.11.0 |  | Time of<br>Concentration | 0.002 | 100 | 9.5 | 109.5 | 0.002 |
| IMP_S14.11.<br>0 A8  | S15.11.0 |  | Time of<br>Concentration | 0.007 | 100 | 9.5 | 109.5 | 0.007 |
| IMP_S14.11.<br>0 A9  | S15.11.0 |  | Time of<br>Concentration | 0.009 | 100 | 9.5 | 109.5 | 0.010 |
| IMP_S14.11.<br>0 A10 | S15.11.0 |  | Time of<br>Concentration | 0.004 | 100 | 9.5 | 109.5 | 0.004 |

|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

|                  |          |  |                       |       |     |     |       |       |
|------------------|----------|--|-----------------------|-------|-----|-----|-------|-------|
| IMP_S14.11.0_A11 | S15.11.0 |  | Time of Concentration | 0.008 | 100 | 9.5 | 109.5 | 0.009 |
| IMP_S14.12.0_A1  | S15.12.0 |  | Time of Concentration | 0.023 | 100 | 0.0 | 100.0 | 0.023 |
| IMP_S14.12.0_A2  | S15.12.0 |  | Time of Concentration | 0.008 | 100 | 9.5 | 109.5 | 0.009 |
| IMP_S14.12.0_A3  | S15.12.0 |  | Time of Concentration | 0.009 | 100 | 9.5 | 109.5 | 0.010 |
| IMP_S14.12.0_A4  | S15.12.0 |  | Time of Concentration | 0.004 | 100 | 9.5 | 109.5 | 0.004 |
| IMP_S14.12.0_A5  | S15.12.0 |  | Time of Concentration | 0.010 | 100 | 9.5 | 109.5 | 0.011 |
| IMP_S14.13.0_A1  | S15.13.0 |  | Time of Concentration | 0.004 | 100 | 0.0 | 100.0 | 0.004 |
| IMP_S14.13.0_A2  | S15.13.0 |  | Time of Concentration | 0.010 | 100 | 9.5 | 109.5 | 0.011 |
| IMP_S14.13.0_A3  | S15.13.0 |  | Time of Concentration | 0.004 | 100 | 9.5 | 109.5 | 0.004 |
| IMP_S14.13.0_A4  | S15.13.0 |  | Time of Concentration | 0.011 | 100 | 9.5 | 109.5 | 0.012 |
| IMP_S15.0.0_A1   | S16.0.0  |  | Time of Concentration | 0.066 | 100 | 0.0 | 100.0 | 0.066 |
| IMP_S15.0.0_A2   | S16.0.0  |  | Time of Concentration | 0.008 | 100 | 8.4 | 108.4 | 0.009 |
| IMP_S15.0.0_A3   | S16.0.0  |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.0.0_A4   | S16.0.0  |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.1.0_A1   | S16.1.0  |  | Time of Concentration | 0.024 | 100 | 0.0 | 100.0 | 0.024 |
| IMP_S15.1.0_A2   | S16.1.0  |  | Time of Concentration | 0.008 | 100 | 8.4 | 108.4 | 0.009 |
| IMP_S15.1.0_A3   | S16.1.0  |  | Time of Concentration | 0.009 | 100 | 8.4 | 108.4 | 0.010 |
| IMP_S15.1.0_A4   | S16.1.0  |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S15.1.0_A5   | S16.1.0  |  | Time of Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.010 |
| IMP_S15.2.0_A1   | S16.2.0  |  | Time of Concentration | 0.012 | 100 | 0.0 | 100.0 | 0.012 |
| IMP_S15.2.0_A2   | S16.2.0  |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.2.0_A3   | S16.2.0  |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S15.2.0_A4   | S16.2.0  |  | Time of Concentration | 0.007 | 100 | 8.4 | 108.4 | 0.007 |
| IMP_S15.2.1_A1   | S16.2.1  |  | Time of Concentration | 0.007 | 100 | 0.0 | 100.0 | 0.007 |
| IMP_S15.2.1_A2   | S16.2.1  |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.2.2_A1   | S16.2.2  |  | Time of Concentration | 0.003 | 100 | 0.0 | 100.0 | 0.003 |
| IMP_S15.2.2_A2   | S16.2.2  |  | Time of Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.011 |
| IMP_S15.2.2_A3   | S16.2.2  |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S15.2.3_A1   | S16.2.3  |  | Time of Concentration | 0.004 | 100 | 0.0 | 100.0 | 0.004 |
| IMP_S15.2.3_A2   | S16.2.3  |  | Time of Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.011 |
| IMP_S15.2.4_A1   | S16.2.4  |  | Time of Concentration | 0.007 | 100 | 0.0 | 100.0 | 0.007 |
| IMP_S15.2.4_A2   | S16.2.4  |  | Time of Concentration | 0.008 | 100 | 8.4 | 108.4 | 0.008 |
| IMP_S15.3.0_A1   | S16.3.0  |  | Time of Concentration | 0.026 | 100 | 0.0 | 100.0 | 0.026 |
| IMP_S15.3.0_A2   | S16.3.0  |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.007 |
| IMP_S15.3.0_A3   | S16.3.0  |  | Time of Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.011 |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |

|                    |         |  |                          |       |     |     |       |       |
|--------------------|---------|--|--------------------------|-------|-----|-----|-------|-------|
| IMP_S15.3.0<br>A4  | S16.3.0 |  | Time of<br>Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S15.3.0<br>A5  | S16.3.0 |  | Time of<br>Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.3.0<br>A6  | S16.3.0 |  | Time of<br>Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.3.0<br>A7  | S16.3.0 |  | Time of<br>Concentration | 0.009 | 100 | 8.4 | 108.4 | 0.009 |
| IMP_S15.3.0<br>A8  | S16.3.0 |  | Time of<br>Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S15.3.0<br>A9  | S16.3.0 |  | Time of<br>Concentration | 0.008 | 100 | 8.4 | 108.4 | 0.009 |
| IMP_S15.3.0<br>A10 | S16.3.0 |  | Time of<br>Concentration | 0.008 | 100 | 8.4 | 108.4 | 0.009 |
| IMP_S15.3.0<br>A11 | S16.3.0 |  | Time of<br>Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S15.3.0<br>A12 | S16.3.0 |  | Time of<br>Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.010 |
| IMP_S15.4.0<br>A1  | S16.4.0 |  | Time of<br>Concentration | 0.015 | 100 | 0.0 | 100.0 | 0.015 |
| IMP_S15.4.0<br>A2  | S16.4.0 |  | Time of<br>Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.4.0<br>A3  | S16.4.0 |  | Time of<br>Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.4.0<br>A4  | S16.4.0 |  | Time of<br>Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.4.0<br>A5  | S16.4.0 |  | Time of<br>Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S15.4.0<br>A6  | S16.4.0 |  | Time of<br>Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.010 |
| IMP_S15.5.0<br>A1  | S16.5.0 |  | Time of<br>Concentration | 0.046 | 100 | 0.0 | 100.0 | 0.046 |
| IMP_S15.5.0<br>A2  | S16.5.0 |  | Time of<br>Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.5.0<br>A3  | S16.5.0 |  | Time of<br>Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.5.0<br>A4  | S16.5.0 |  | Time of<br>Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.5.0<br>A5  | S16.5.0 |  | Time of<br>Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S15.5.0<br>A6  | S16.5.0 |  | Time of<br>Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.5.0<br>A7  | S16.5.0 |  | Time of<br>Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.5.0<br>A8  | S16.5.0 |  | Time of<br>Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.5.0<br>A9  | S16.5.0 |  | Time of<br>Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.6.0<br>A1  | S16.6.0 |  | Time of<br>Concentration | 0.009 | 100 | 8.4 | 108.4 | 0.009 |
| IMP_S15.6.0<br>A2  | S16.6.0 |  | Time of<br>Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S15.6.0<br>A3  | S16.6.0 |  | Time of<br>Concentration | 0.043 | 100 | 8.4 | 108.4 | 0.047 |
| IMP_S15.7.0<br>A1  | S16.7.0 |  | Time of<br>Concentration | 0.030 | 100 | 0.0 | 100.0 | 0.030 |
| IMP_S15.7.0<br>A2  | S16.7.0 |  | Time of<br>Concentration | 0.008 | 100 | 8.4 | 108.4 | 0.009 |
| IMP_S15.7.0<br>A3  | S16.7.0 |  | Time of<br>Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.7.0<br>A4  | S16.7.0 |  | Time of<br>Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S15.7.1<br>A1  | S16.7.1 |  | Time of<br>Concentration | 0.028 | 100 | 0.0 | 100.0 | 0.028 |
| IMP_S15.7.1<br>A2  | S16.7.1 |  | Time of<br>Concentration | 0.008 | 100 | 8.4 | 108.4 | 0.009 |
| IMP_S15.7.1<br>A3  | S16.7.1 |  | Time of<br>Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.003 |
| IMP_S15.7.1<br>A4  | S16.7.1 |  | Time of<br>Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |

|                                                                              |                     |             |              |                                                                                     |
|------------------------------------------------------------------------------|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026 |             |              |  |
|                                                                              | Designed by:        | Checked by: | Approved By: |                                                                                     |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |
|                                                                              | Revision:<br>Rev 1  |             |              |                                                                                     |

|                  |              |  |                       |       |     |     |       |       |
|------------------|--------------|--|-----------------------|-------|-----|-----|-------|-------|
| IMP_S15.7.1 A5   | S16.7.1      |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.7.1 A6   | S16.7.1      |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.7.1 A7   | S16.7.1      |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.003 |
| IMP_S15.7.1 A8   | S16.7.1      |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S15.7.1 A9   | S16.7.1      |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.7.1 A10  | S16.7.1      |  | Time of Concentration | 0.008 | 100 | 8.4 | 108.4 | 0.009 |
| IMP_S15.7.1 A11  | S16.7.1      |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S15.7.1 A12  | S16.7.1      |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.7.1 A13  | S16.7.1      |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.7.1 A14  | S16.7.1      |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.003 |
| IMP_S15.7.1 A15  | S16.7.1      |  | Time of Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.011 |
| IMP_S15.8.0 A1   | S16.9.0 (FC) |  | Time of Concentration | 0.082 | 100 | 0.0 | 100.0 | 0.082 |
| IMP_S15.8.0 A1_1 | S16.8.0      |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.007 |
| IMP_S15.8.0 A1_2 | S16.8.0      |  | Time of Concentration | 0.007 | 100 | 8.4 | 108.4 | 0.008 |
| IMP_S15.8.0 A1_3 | S16.8.0      |  | Time of Concentration | 0.021 | 100 | 0.0 | 100.0 | 0.021 |
| IMP_S15.8.0 A2   | S16.9.0 (FC) |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.8.0 A3   | S16.9.0 (FC) |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.8.0 A4   | S16.9.0 (FC) |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.8.0 A5   | S16.9.0 (FC) |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.8.0 A6   | S16.9.0 (FC) |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.8.0 A7   | S16.9.0 (FC) |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.8.0 A10  | S16.9.0 (FC) |  | Time of Concentration | 0.007 | 100 | 8.4 | 108.4 | 0.008 |
| IMP_S15.8.0 A11  | S16.9.0 (FC) |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.8.0 A12  | S16.9.0 (FC) |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.8.0 A13  | S16.9.0 (FC) |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.007 |
| IMP_S15.8.0 A14  | S16.9.0 (FC) |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.8.0 A15  | S16.9.0 (FC) |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.007 |
| IMP_S15.8.0 A16  | S16.9.0 (FC) |  | Time of Concentration | 0.007 | 100 | 8.4 | 108.4 | 0.007 |
| IMP_S15.8.0 A17  | S16.9.0 (FC) |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.8.0 A18  | S16.9.0 (FC) |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.9.0 A1   | S16.10.0     |  | Time of Concentration | 0.031 | 100 | 0.0 | 100.0 | 0.031 |
| IMP_S15.9.0 A2   | S16.10.0     |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.9.0 A3   | S16.10.0     |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.9.0 A4   | S16.10.0     |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.10.0 A1  | S16.11.0     |  | Time of Concentration | 0.028 | 100 | 0.0 | 100.0 | 0.028 |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |



|                 |          |  |                       |       |     |     |       |       |
|-----------------|----------|--|-----------------------|-------|-----|-----|-------|-------|
| IMP_S15.10.0_A2 | S16.11.0 |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.10.0_A3 | S16.11.0 |  | Time of Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.011 |
| IMP_S15.10.0_A4 | S16.11.0 |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S15.10.0_A5 | S16.11.0 |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.10.0_A6 | S16.11.0 |  | Time of Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.010 |
| IMP_S15.10.0_A7 | S16.11.0 |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S15.10.1_A1 | S16.11.1 |  | Time of Concentration | 0.010 | 100 | 0.0 | 100.0 | 0.010 |
| IMP_S15.10.1_A2 | S16.11.1 |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S15.10.2    | S16.11.2 |  | Time of Concentration | 0.006 | 100 | 0.0 | 100.0 | 0.006 |
| IMP_S15.11.0_A1 | S16.12.0 |  | Time of Concentration | 0.012 | 100 | 0.0 | 100.0 | 0.012 |
| IMP_S15.11.0_A2 | S16.12.0 |  | Time of Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.010 |
| IMP_S15.11.0_A3 | S16.12.0 |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S15.11.0_A4 | S16.12.0 |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S15.12.0_A1 | S16.13.0 |  | Time of Concentration | 0.004 | 100 | 0.0 | 100.0 | 0.004 |
| IMP_S15.12.0_A2 | S16.13.0 |  | Time of Concentration | 0.008 | 100 | 8.4 | 108.4 | 0.008 |
| IMP_S16.0.0_A1  | S17.0.0  |  | Time of Concentration | 0.050 | 100 | 0.0 | 100.0 | 0.050 |
| IMP_S16.0.0_A2  | S17.0.0  |  | Time of Concentration | 0.009 | 100 | 8.4 | 108.4 | 0.009 |
| IMP_S16.0.0_A3  | S17.0.0  |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S16.0.0_A4  | S17.0.0  |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S16.0.0_A5  | S17.0.0  |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S16.0.0_A6  | S17.0.0  |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S16.0.0_A7  | S17.0.0  |  | Time of Concentration | 0.007 | 100 | 8.4 | 108.4 | 0.007 |
| IMP_S16.0.0_A8  | S17.0.0  |  | Time of Concentration | 0.007 | 100 | 8.4 | 108.4 | 0.007 |
| IMP_S16.0.0_A9  | S17.0.0  |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S16.0.0_A10 | S17.0.0  |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S16.0.0_A11 | S17.0.0  |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S16.0.0_A12 | S17.0.0  |  | Time of Concentration | 0.009 | 100 | 8.4 | 108.4 | 0.009 |
| IMP_S16.0.0_A13 | S17.0.0  |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S16.0.0_A14 | S17.0.0  |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S16.0.0_A15 | S17.0.0  |  | Time of Concentration | 0.007 | 100 | 8.4 | 108.4 | 0.008 |
| IMP_S17.0.0_A1  | S18.0.0  |  | Time of Concentration | 0.057 | 100 | 0.0 | 100.0 | 0.057 |
| IMP_S17.0.0_A2  | S18.0.0  |  | Time of Concentration | 0.007 | 100 | 8.4 | 108.4 | 0.007 |
| IMP_S17.0.0_A3  | S18.0.0  |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S17.0.0_A4  | S18.0.0  |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S17.0.0_A5  | S18.0.0  |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |



|                 |         |  |                       |       |     |     |       |       |
|-----------------|---------|--|-----------------------|-------|-----|-----|-------|-------|
| IMP_S17.0.0_A6  | S18.0.0 |  | Time of Concentration | 0.008 | 100 | 8.4 | 108.4 | 0.008 |
| IMP_S17.0.0_A7  | S18.0.0 |  | Time of Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.011 |
| IMP_S17.0.0_A8  | S18.0.0 |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S17.0.0_A9  | S18.0.0 |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S17.0.1_A1  | S18.0.1 |  | Time of Concentration | 0.027 | 100 | 0.0 | 100.0 | 0.027 |
| IMP_S17.0.1_A2  | S18.0.1 |  | Time of Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.011 |
| IMP_S17.0.1_A3  | S18.0.1 |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S17.0.1_A4  | S18.0.1 |  | Time of Concentration | 0.007 | 100 | 8.4 | 108.4 | 0.007 |
| IMP_S17.0.1_A5  | S18.0.1 |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.003 |
| IMP_S17.0.1_A6  | S18.0.1 |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S17.0.1_A7  | S18.0.1 |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S17.0.1_A8  | S18.0.1 |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S17.0.1_A9  | S18.0.1 |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S17.0.1_A10 | S18.0.1 |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S17.0.1_A11 | S18.0.1 |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S17.0.1_A12 | S18.0.1 |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S17.0.1_A13 | S18.0.1 |  | Time of Concentration | 0.009 | 100 | 8.4 | 108.4 | 0.010 |
| IMP_S17.0.1_A14 | S18.0.1 |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S17.0.2_A1  | S18.0.2 |  | Time of Concentration | 0.014 | 100 | 0.0 | 100.0 | 0.014 |
| IMP_S17.0.2_A2  | S18.0.2 |  | Time of Concentration | 0.007 | 100 | 8.4 | 108.4 | 0.008 |
| IMP_S17.0.2_A3  | S18.0.2 |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S17.0.2_A4  | S18.0.2 |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S17.0.2_A5  | S18.0.2 |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S17.0.2_A6  | S18.0.2 |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S17.0.2_A7  | S18.0.2 |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S17.0.2_A8  | S18.0.2 |  | Time of Concentration | 0.009 | 100 | 8.4 | 108.4 | 0.010 |
| IMP_S17.0.2_A9  | S18.0.2 |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S18.0.0_A1  | S19.0.0 |  | Time of Concentration | 0.039 | 100 | 0.0 | 100.0 | 0.039 |
| IMP_S18.0.0_A2  | S19.0.0 |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S18.0.0_A3  | S19.0.0 |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S18.0.0_A4  | S19.0.0 |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S18.0.0_A5  | S19.0.0 |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S18.0.0_A6  | S19.0.0 |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S18.0.0_A7  | S19.0.0 |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.002 |
| IMP_S18.0.0_A8  | S19.0.0 |  | Time of Concentration | 0.008 | 100 | 8.4 | 108.4 | 0.008 |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                | Revision:<br>Rev 1         |                            |                             |



|                 |              |  |                       |       |     |     |       |       |
|-----------------|--------------|--|-----------------------|-------|-----|-----|-------|-------|
| IMP_S18.0.0_A9  | S19.0.0      |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S18.0.0_A10 | S19.0.0      |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S19.0.0     | S20.0.0      |  | Time of Concentration | 0.022 | 100 | 0.0 | 100.0 | 0.022 |
| IMP_S20.0.0_A1  | S21.0.0      |  | Time of Concentration | 0.025 | 100 | 0.0 | 100.0 | 0.025 |
| IMP_S20.0.0_A2  | S21.0.0      |  | Time of Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.011 |
| IMP_S20.0.0_A3  | S21.0.0      |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S20.0.0_A4  | S21.0.0      |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.003 |
| IMP_S20.0.0_A5  | S21.0.0      |  | Time of Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.011 |
| IMP_S20.0.0_A6  | S21.0.0      |  | Time of Concentration | 0.006 | 100 | 8.4 | 108.4 | 0.006 |
| IMP_S20.0.0_A7  | S21.0.0      |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.003 |
| IMP_S20.0.0_A8  | S21.0.0      |  | Time of Concentration | 0.011 | 100 | 8.4 | 108.4 | 0.012 |
| IMP_S21.0.0_A1  | S22.0.0      |  | Time of Concentration | 0.027 | 100 | 0.0 | 100.0 | 0.027 |
| IMP_S21.0.0_A2  | S22.0.0      |  | Time of Concentration | 0.012 | 100 | 8.4 | 108.4 | 0.013 |
| IMP_S21.0.0_A3  | S22.0.0      |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S21.0.0_A4  | S22.0.0      |  | Time of Concentration | 0.011 | 100 | 8.4 | 108.4 | 0.012 |
| IMP_S21.0.0_A5  | S22.0.0      |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S21.0.0_A6  | S22.0.0      |  | Time of Concentration | 0.004 | 100 | 8.4 | 108.4 | 0.004 |
| IMP_S22.0.0_A1  | S23.0.0      |  | Time of Concentration | 0.007 | 100 | 0.0 | 100.0 | 0.007 |
| IMP_S22.0.0_A2  | S23.0.0      |  | Time of Concentration | 0.010 | 100 | 8.4 | 108.4 | 0.011 |
| IMP_S22.0.0_A3  | S23.0.0      |  | Time of Concentration | 0.005 | 100 | 8.4 | 108.4 | 0.005 |
| IMP_S22.0.0_A4  | S23.0.0      |  | Time of Concentration | 0.002 | 100 | 8.4 | 108.4 | 0.003 |
| IMP_S23.1.0     | S24.1.0 (FC) |  | Time of Concentration | 0.016 | 100 | 0.0 | 100.0 | 0.016 |
| IMP_S23.2.0_A1  | S24.2.0      |  | Time of Concentration | 0.055 | 100 | 0.0 | 100.0 | 0.055 |
| IMP_S23.2.0_A2  | S24.2.0      |  | Time of Concentration | 0.004 | 100 | 7.1 | 107.1 | 0.005 |
| IMP_S23.2.0_A3  | S24.2.0      |  | Time of Concentration | 0.006 | 100 | 7.1 | 107.1 | 0.007 |
| IMP_S23.2.0_A4  | S24.2.0      |  | Time of Concentration | 0.006 | 100 | 7.1 | 107.1 | 0.006 |
| IMP_S23.2.0_A5  | S24.2.0      |  | Time of Concentration | 0.009 | 100 | 7.1 | 107.1 | 0.009 |
| IMP_S23.2.0_A6  | S24.2.0      |  | Time of Concentration | 0.005 | 100 | 7.1 | 107.1 | 0.006 |
| IMP_S23.2.0_A7  | S24.2.0      |  | Time of Concentration | 0.005 | 100 | 7.1 | 107.1 | 0.005 |
| IMP_S23.2.0_A8  | S24.2.0      |  | Time of Concentration | 0.009 | 100 | 7.1 | 107.1 | 0.009 |
| IMP_S23.2.0_A9  | S24.2.0      |  | Time of Concentration | 0.006 | 100 | 7.1 | 107.1 | 0.007 |
| IMP_S23.3.0_A1  | S24.3.0      |  | Time of Concentration | 0.008 | 100 | 0.0 | 100.0 | 0.008 |
| IMP_S23.3.0_A2  | S24.3.0      |  | Time of Concentration | 0.010 | 100 | 7.1 | 107.1 | 0.011 |
| IMP_S23.4.0_A1  | S24.4.0      |  | Time of Concentration | 0.006 | 100 | 0.0 | 100.0 | 0.006 |
| IMP_S23.4.0_A2  | S24.4.0      |  | Time of Concentration | 0.005 | 100 | 7.1 | 107.1 | 0.006 |



|                                                                              |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |  |                             |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase                |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

|                       |         |            |                          |              |     |     |       |              |
|-----------------------|---------|------------|--------------------------|--------------|-----|-----|-------|--------------|
| IMP_S23.4.0<br>A3     | S24.4.0 |            | Time of<br>Concentration | 0.005        | 100 | 7.1 | 107.1 | 0.005        |
| IMP_S23.5.0<br>A1     | S24.5.0 |            | Time of<br>Concentration | 0.014        | 100 | 0.0 | 100.0 | 0.014        |
| IMP_S23.5.0<br>A2     | S24.5.0 |            | Time of<br>Concentration | 0.004        | 100 | 7.1 | 107.1 | 0.005        |
| IMP_S23.5.0<br>A3     | S24.5.0 |            | Time of<br>Concentration | 0.006        | 100 | 7.1 | 107.1 | 0.006        |
| IMP_S23.5.0<br>A4     | S24.5.0 |            | Time of<br>Concentration | 0.006        | 100 | 7.1 | 107.1 | 0.007        |
| IMP_S23.5.0<br>A5     | S24.5.0 |            | Time of<br>Concentration | 0.004        | 100 | 7.1 | 107.1 | 0.005        |
| IMP_S23.5.0<br>A6     | S24.5.0 |            | Time of<br>Concentration | 0.004        | 100 | 7.1 | 107.1 | 0.005        |
| IMP_S23.5.0<br>A7     | S24.5.0 |            | Time of<br>Concentration | 0.005        | 100 | 7.1 | 107.1 | 0.005        |
| IMP_S23.5.0<br>A8     | S24.5.0 |            | Time of<br>Concentration | 0.005        | 100 | 7.1 | 107.1 | 0.006        |
| IMP_S23.5.0<br>A9     | S24.5.0 |            | Time of<br>Concentration | 0.009        | 100 | 7.1 | 107.1 | 0.009        |
| IMP_S23.5.0<br>A10    | S24.5.0 |            | Time of<br>Concentration | 0.006        | 100 | 7.1 | 107.1 | 0.007        |
| IMP_S23.5.0<br>A11    | S24.5.0 |            | Time of<br>Concentration | 0.015        | 100 | 0.0 | 100.0 | 0.015        |
| IMP_S23.9.0<br>A1     | S24.9.0 |            | Time of<br>Concentration | 0.024        | 100 | 0.0 | 100.0 | 0.024        |
| IMP_S23.9.0<br>A2     | S24.9.0 |            | Time of<br>Concentration | 0.005        | 100 | 7.1 | 107.1 | 0.006        |
| IMP_S23.9.0<br>A3     | S24.9.0 |            | Time of<br>Concentration | 0.005        | 100 | 7.1 | 107.1 | 0.005        |
| IMP_S23.9.0<br>A4     | S24.9.0 |            | Time of<br>Concentration | 0.005        | 100 | 7.1 | 107.1 | 0.006        |
| IMP_S23.9.0<br>A5     | S24.9.0 |            | Time of<br>Concentration | 0.005        | 100 | 7.1 | 107.1 | 0.005        |
| IMP_S23.9.0<br>A6     | S24.9.0 |            | Time of<br>Concentration | 0.006        | 100 | 7.1 | 107.1 | 0.007        |
| RMA1 - Sec.<br>Road 1 | S2.1.2  |            | Time of<br>Concentration | 0.047        | 100 | 0.0 | 100.0 | 0.047        |
| RMA1 - Sec.<br>Road 2 | S2.1.3  |            | Time of<br>Concentration | 0.005        | 100 | 0.0 | 100.0 | 0.005        |
| <b>TOTAL</b>          |         | <b>0.0</b> |                          | <b>7.716</b> |     |     |       | <b>8.037</b> |



|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Network Design Criteria<br>Storm Phase: Phase       | Revision:<br>Rev 1         |                            |                             |                                                                                     |

### Flow Options

|                           |                               |
|---------------------------|-------------------------------|
| Peak Flow Calculation     | (UK) Modified Rational Method |
| Min. Time of Entry (mins) | 5                             |
| Max. Travel Time (mins)   | 30                            |

### Pipe Options

|                       |                          |
|-----------------------|--------------------------|
| Lock Slope Options    | None                     |
| Design Options        | Minimise Excavation      |
| Design Level          | Level Soffits            |
| Min. Cover Depth (m)  | 1.200                    |
| Min. Slope (1:X)      | 500.00                   |
| Max. Slope (1:X)      | 40.00                    |
| Min. Velocity (m/s)   | 1.0                      |
| Max. Velocity (m/s)   | 3.0                      |
| Use Flow Restriction  | <input type="checkbox"/> |
| Reduce Channel Depths | <input type="checkbox"/> |

### Manhole Options

|              |                          |
|--------------|--------------------------|
| Apply Offset | <input type="checkbox"/> |
|--------------|--------------------------|

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Outfall Details<br>Storm Phase: Phase               | Revision:<br>Rev 1         |                            |                             |                                                                                     |

Outfalls

| Outfall          | Outfall Type   | Gated | Fixed Surcharged Level (m) | Level Curve |
|------------------|----------------|-------|----------------------------|-------------|
| HW 2.1           | Free Discharge |       |                            |             |
| HW24.0 (Outfall) | Free Discharge |       |                            |             |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Title:<br>Rainfall Analysis Criteria                                  | Revision:<br>Rev 1         |                            |                             |



|                                 |                          |
|---------------------------------|--------------------------|
| Runoff Type                     | Dynamic                  |
| Output Interval (mins)          | 5                        |
| Time Step                       | Shortest                 |
| Urban Creep                     | Use Catchment Values     |
| Junction Flood Risk Margin (mm) | 300                      |
| Perform No Discharge Analysis   | <input type="checkbox"/> |

|                  |                                     |
|------------------|-------------------------------------|
| Rainfall         |                                     |
| FEH2022          | Type: FEH                           |
| Site Location    | GB 519000 133350 TQ 19000 33350     |
| Rainfall Version | 2022                                |
| Summer           | <input checked="" type="checkbox"/> |
| Winter           | <input checked="" type="checkbox"/> |

### Return Period

| Return Period (years) | Increase Rainfall (%) |
|-----------------------|-----------------------|
| 2.0                   | 0.000                 |
| 30.0                  | 0.000                 |
| 100.0                 | 20.000                |

### Storm Durations

| Duration (mins) | Run Time (mins) |
|-----------------|-----------------|
| 120             | 240             |
| 180             | 360             |
| 240             | 480             |
| 360             | 720             |
| 480             | 960             |
| 600             | 1200            |
| 720             | 1440            |
| 960             | 1920            |
| 1440            | 2880            |
| 2160            | 4320            |
| 2880            | 5760            |
| 4320            | 8640            |
| 5760            | 11520           |
| 7200            | 14400           |
| 8640            | 17280           |
| 10080           | 20160           |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             | Revision:<br>Rev 1         |                            |                             |                                                                                     |



**FEH2022: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Outflow**

| Junction | Storm Event                              | Cover Level (m) | Invert Level (m) | Max. Level (m) | Max. Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Status     |
|----------|------------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|------------|
| S2.2.0   | FEH2022: 2 years: +0 %: 120 mins: Summer | 56.315          | 54.290           | 54.906         | 0.616          | 447.3             | 2.786                     | 0.000                    | 446.4              | 1439.726                    | OK         |
| S2.1.1   | FEH2022: 2 years: +0 %: 120 mins: Summer | 56.350          | 53.990           | 54.906         | 0.916          | 17.2              | 4.143                     | 0.000                    | 15.6               | 185.406                     | Surcharged |
| HW 2.1   | FEH2022: 2 years: +0 %: 180 mins: Summer | 54.700          | 53.910           | 53.996         | 0.086          | 15.6              | 0.000                     | 0.000                    | 15.6               | 281.915                     | OK         |
| S2.1.0   | FEH2022: 2 years: +0 %: 180 mins: Summer | 54.830          | 53.930           | 54.024         | 0.094          | 15.6              | 0.166                     | 0.000                    | 15.6               | 281.915                     | OK         |
| S2.3.0   | FEH2022: 2 years: +0 %: 120 mins: Summer | 56.500          | 54.600           | 54.906         | 0.306          | 8.2               | 0.346                     | 0.000                    | 8.2                | 15.541                      | Surcharged |
| S2.1.3   | FEH2022: 2 years: +0 %: 120 mins: Summer | 56.000          | 54.665           | 54.906         | 0.241          | 0.4               | 0.272                     | 0.000                    | 0.4                | 0.665                       | Surcharged |
| S2.1.2   | FEH2022: 2 years: +0 %: 120 mins: Summer | 55.830          | 54.590           | 54.906         | 0.316          | 4.9               | 0.357                     | 0.000                    | 4.9                | 9.169                       | Surcharged |
| S2.4.0   | FEH2022: 2 years: +0 %: 120 mins: Summer | 56.490          | 54.625           | 54.906         | 0.281          | 8.2               | 0.318                     | 0.000                    | 8.2                | 16.046                      | OK         |
| S2.5.0   | FEH2022: 2 years: +0 %: 120 mins: Summer | 56.800          | 54.940           | 54.962         | 0.022          | 1.1               | 0.025                     | 0.000                    | 1.1                | 2.267                       | OK         |
| S5.0.0   | FEH2022: 2 years: +0 %: 120 mins: Summer | 56.680          | 54.580           | 54.957         | 0.377          | 427.3             | 0.427                     | 0.000                    | 426.5              | 1408.989                    | OK         |
| S4.0.0   | FEH2022: 2 years: +0 %: 120 mins: Summer | 56.165          | 54.310           | 54.906         | 0.596          | 448.3             | 0.674                     | 0.000                    | 447.3              | 1446.148                    | OK         |
| S4.1.0   | FEH2022: 2 years: +0 %: 120 mins: Summer | 56.590          | 54.875           | 54.923         | 0.048          | 16.4              | 0.055                     | 0.000                    | 16.4               | 34.704                      | OK         |
| S4.1.1   | FEH2022: 2 years: +0 %: 120 mins: Summer | 57.240          | 56.115           | 56.139         | 0.024          | 2.2               | 0.027                     | 0.000                    | 2.2                | 4.704                       | OK         |
| S4.2.0   | FEH2022: 2 years: +0 %: 120 mins: Summer | 55.980          | 54.995           | 55.039         | 0.044          | 3.0               | 0.050                     | 0.000                    | 3.0                | 6.310                       | OK         |
| S6.0.0   | FEH2022: 2 years: +0 %: 120 mins: Summer | 57.075          | 54.725           | 55.126         | 0.401          | 424.7             | 0.453                     | 0.000                    | 424.3              | 1407.837                    | OK         |
| S7.0.0   | FEH2022: 2 years: +0 %: 120 mins: Summer | 57.350          | 54.825           | 55.247         | 0.422          | 418.4             | 0.477                     | 0.000                    | 418.0              | 1395.371                    | OK         |
| S8.0.0   | FEH2022: 2 years: +0 %: 120 mins: Summer | 57.660          | 54.940           | 55.366         | 0.426          | 414.9             | 0.482                     | 0.000                    | 414.5              | 1387.738                    | OK         |
| S9.0.0   | FEH2022: 2 years: +0 %: 120 mins: Summer | 57.885          | 55.005           | 55.462         | 0.457          | 411.0             | 0.517                     | 0.000                    | 412.1              | 1382.127                    | OK         |
| S9.0.1   | FEH2022: 2 years: +0 %: 120 mins: Summer | 57.705          | 55.675           | 55.729         | 0.054          | 10.3              | 0.062                     | 0.000                    | 10.3               | 21.675                      | OK         |
| S9.0.2   | FEH2022: 2 years: +0 %: 120 mins: Summer | 56.915          | 55.975           | 56.004         | 0.029          | 1.8               | 0.033                     | 0.000                    | 1.8                | 3.858                       | OK         |

|                                                                              |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|         |                                                |            |            |        |       |       |       |       |       |         |    |
|---------|------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|---------|----|
| S9.1.0  | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 58.05<br>5 | 55.27<br>0 | 55.471 | 0.201 | 168.0 | 0.227 | 0.000 | 165.8 | 354.950 | OK |
| S9.2.0  | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 58.05<br>0 | 55.38<br>5 | 55.613 | 0.228 | 164.8 | 0.258 | 0.000 | 164.5 | 347.743 | OK |
| S9.3.0  | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 57.60<br>0 | 55.79<br>0 | 55.997 | 0.207 | 154.8 | 0.234 | 0.000 | 154.7 | 326.433 | OK |
| S9.4.0  | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 58.06<br>0 | 56.12<br>0 | 56.329 | 0.209 | 141.7 | 0.236 | 0.000 | 141.7 | 298.798 | OK |
| S24.6.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 58.08<br>0 | 55.46<br>5 | 55.522 | 0.057 | 6.1   | 0.065 | 0.000 | 6.1   | 12.792  | OK |
| S24.7.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 57.97<br>0 | 55.60<br>5 | 55.653 | 0.048 | 6.1   | 0.055 | 0.000 | 6.1   | 12.798  | OK |
| S24.5.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 58.19<br>0 | 55.34<br>0 | 55.429 | 0.089 | 13.8  | 0.101 | 0.000 | 13.8  | 29.014  | OK |
| S9.5.0  | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 58.29<br>0 | 56.28<br>0 | 56.486 | 0.206 | 140.6 | 0.233 | 0.000 | 140.6 | 296.334 | OK |
| S9.6.0  | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 59.90<br>0 | 56.76<br>0 | 56.957 | 0.197 | 128.8 | 0.222 | 0.000 | 128.8 | 271.346 | OK |
| S9.6.1  | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 59.74<br>0 | 58.31<br>5 | 58.331 | 0.016 | 1.9   | 0.018 | 0.000 | 1.9   | 3.926   | OK |
| S9.7.0  | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 59.57<br>5 | 57.54<br>5 | 57.693 | 0.148 | 124.0 | 0.167 | 0.000 | 123.9 | 261.153 | OK |
| S9.7.1  | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 59.64<br>5 | 58.00<br>0 | 58.034 | 0.034 | 5.7   | 0.039 | 0.000 | 5.7   | 12.002  | OK |
| S9.7.2  | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 59.47<br>5 | 58.35<br>0 | 58.380 | 0.030 | 3.0   | 0.034 | 0.000 | 3.0   | 6.306   | OK |
| S9.8.0  | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 59.69<br>0 | 57.81<br>0 | 57.978 | 0.168 | 116.2 | 0.189 | 0.000 | 116.2 | 244.723 | OK |
| S9.9.0  | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 60.95<br>5 | 58.96<br>0 | 59.100 | 0.140 | 97.0  | 0.159 | 0.000 | 100.2 | 211.137 | OK |
| S9.10.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 61.16<br>5 | 58.99<br>5 | 59.218 | 0.223 | 98.3  | 0.252 | 0.000 | 95.0  | 206.932 | OK |
| S9.10.1 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 61.31<br>5 | 59.52<br>5 | 59.551 | 0.026 | 4.9   | 0.029 | 0.000 | 4.9   | 10.333  | OK |
| S9.10.2 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 61.41<br>0 | 60.28<br>5 | 60.309 | 0.024 | 2.4   | 0.027 | 0.000 | 2.4   | 5.034   | OK |
| S9.11.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 61.38<br>5 | 59.04<br>0 | 59.286 | 0.246 | 90.6  | 0.278 | 0.000 | 90.6  | 190.853 | OK |
| S9.12.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 61.72<br>5 | 59.16<br>0 | 59.387 | 0.227 | 82.2  | 0.257 | 0.000 | 82.2  | 173.133 | OK |
| S9.12.1 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 62.84<br>0 | 60.65<br>0 | 60.708 | 0.058 | 16.1  | 0.065 | 0.000 | 16.1  | 33.861  | OK |
| S9.12.2 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 63.14<br>5 | 61.06<br>5 | 61.114 | 0.049 | 8.9   | 0.055 | 0.000 | 8.8   | 18.592  | OK |
| S9.12.3 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 63.22<br>0 | 61.40<br>0 | 61.449 | 0.049 | 7.5   | 0.055 | 0.000 | 7.5   | 15.863  | OK |

|                                                                              |                            |                            |                             |                                                                                     |  |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |                            | Revision:<br>Rev 1         |                             |                                                                                     |  |

|         |                                                |            |            |        |       |       |       |       |       |         |    |
|---------|------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|---------|----|
| S9.12.4 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 63.10<br>0 | 61.64<br>5 | 61.683 | 0.038 | 5.0   | 0.043 | 0.000 | 5.0   | 10.439  | OK |
| S9.12.5 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 62.91<br>0 | 61.78<br>5 | 61.828 | 0.043 | 3.4   | 0.049 | 0.000 | 3.4   | 7.122   | OK |
| S9.12.6 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 62.94<br>0 | 61.41<br>0 | 61.435 | 0.025 | 3.2   | 0.028 | 0.000 | 3.2   | 6.708   | OK |
| S9.12.7 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 63.08<br>5 | 61.96<br>0 | 61.978 | 0.018 | 1.5   | 0.020 | 0.000 | 1.5   | 3.246   | OK |
| S9.13.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 61.66<br>0 | 59.32<br>5 | 59.467 | 0.142 | 56.8  | 0.160 | 0.000 | 56.8  | 119.683 | OK |
| S9.14.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 61.44<br>0 | 59.42<br>5 | 59.583 | 0.158 | 51.8  | 0.179 | 0.000 | 51.8  | 109.205 | OK |
| S9.15.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 61.28<br>5 | 59.49<br>5 | 59.648 | 0.153 | 43.6  | 0.173 | 0.000 | 43.6  | 91.889  | OK |
| S9.16.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 61.25<br>5 | 59.60<br>5 | 59.726 | 0.121 | 31.5  | 0.137 | 0.000 | 31.5  | 66.340  | OK |
| S9.16.1 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 62.57<br>0 | 61.14<br>5 | 61.186 | 0.041 | 8.0   | 0.046 | 0.000 | 8.0   | 16.769  | OK |
| S9.16.2 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 62.86<br>5 | 61.48<br>5 | 61.520 | 0.035 | 4.3   | 0.039 | 0.000 | 4.3   | 9.131   | OK |
| S9.16.3 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 63.14<br>0 | 61.75<br>5 | 61.783 | 0.028 | 2.8   | 0.032 | 0.000 | 2.8   | 5.879   | OK |
| S9.16.4 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 63.26<br>0 | 62.13<br>5 | 62.161 | 0.026 | 2.4   | 0.030 | 0.000 | 2.4   | 5.034   | OK |
| S9.17.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 61.89<br>0 | 60.10<br>5 | 60.140 | 0.035 | 3.2   | 0.039 | 0.000 | 3.2   | 6.745   | OK |
| S10.0.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 59.76<br>5 | 56.47<br>0 | 56.652 | 0.182 | 213.8 | 0.205 | 0.000 | 213.7 | 961.840 | OK |
| S10.0.1 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 59.86<br>5 | 56.97<br>0 | 57.035 | 0.065 | 28.7  | 0.073 | 0.000 | 28.6  | 60.328  | OK |
| S10.0.2 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 59.28<br>5 | 57.60<br>5 | 57.697 | 0.092 | 25.3  | 0.104 | 0.000 | 25.3  | 53.230  | OK |
| S10.0.3 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 59.24<br>0 | 57.78<br>0 | 57.874 | 0.094 | 23.0  | 0.106 | 0.000 | 23.0  | 48.515  | OK |
| S10.0.4 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 59.59<br>5 | 58.17<br>5 | 58.248 | 0.073 | 11.7  | 0.082 | 0.000 | 11.7  | 24.736  | OK |
| S10.0.5 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 59.76<br>0 | 58.33<br>5 | 58.388 | 0.053 | 6.3   | 0.060 | 0.000 | 6.3   | 13.309  | OK |
| S10.1.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 59.18<br>5 | 57.04<br>0 | 57.173 | 0.133 | 43.6  | 0.150 | 0.000 | 43.6  | 91.877  | OK |
| S10.1.1 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 58.73<br>0 | 57.30<br>5 | 57.344 | 0.039 | 3.5   | 0.044 | 0.000 | 3.5   | 7.376   | OK |
| S10.2.0 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 60.99<br>0 | 58.51<br>5 | 58.581 | 0.066 | 17.4  | 0.075 | 0.000 | 17.3  | 36.536  | OK |
| S10.2.1 | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 60.23<br>0 | 58.80<br>5 | 58.858 | 0.053 | 6.2   | 0.060 | 0.000 | 6.2   | 12.998  | OK |

|                                                                              |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|                 |                                                |            |            |        |       |       |       |       |       |          |            |
|-----------------|------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|----------|------------|
| S10.3.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 61.44<br>5 | 60.02<br>0 | 60.047 | 0.027 | 3.1   | 0.030 | 0.000 | 3.1   | 6.470    | OK         |
| S11.0.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 60.80<br>5 | 57.01<br>0 | 57.178 | 0.168 | 134.8 | 0.190 | 0.000 | 134.7 | 795.881  | OK         |
| S11.0.1         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 60.25<br>0 | 58.82<br>5 | 58.852 | 0.027 | 4.1   | 0.030 | 0.000 | 4.1   | 8.536    | OK         |
| S12.0.0         | FEH2022: 2 years:<br>+0 %: 360 mins:<br>Summer | 61.66<br>0 | 57.57<br>0 | 57.723 | 0.153 | 112.5 | 0.173 | 0.000 | 113.5 | 1131.535 | OK         |
| S13.0.0         | FEH2022: 2 years:<br>+0 %: 480 mins:<br>Summer | 62.26<br>5 | 58.28<br>0 | 58.431 | 0.151 | 111.0 | 0.171 | 0.000 | 111.1 | 1211.083 | OK         |
| S13.0.1         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 62.51<br>5 | 58.92<br>5 | 58.998 | 0.073 | 15.2  | 0.083 | 0.000 | 15.2  | 31.989   | OK         |
| S13.0.2         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 62.30<br>5 | 59.02<br>0 | 59.106 | 0.086 | 12.1  | 0.097 | 0.000 | 12.2  | 25.595   | OK         |
| S13.0.3         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 60.76<br>5 | 59.34<br>0 | 59.412 | 0.072 | 9.5   | 0.082 | 0.000 | 9.5   | 19.967   | OK         |
| S14.0.0<br>(FC) | FEH2022: 2 years:<br>+0 %: 480 mins:<br>Summer | 62.39<br>5 | 58.82<br>0 | 60.783 | 1.963 | 112.9 | 2.220 | 0.000 | 102.2 | 1157.505 | Surcharged |
| S15.0.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 63.60<br>0 | 60.53<br>0 | 61.084 | 0.554 | 191.0 | 0.626 | 0.000 | 183.4 | 648.190  | Surcharged |
| S15.0.1         | FEH2022: 2 years:<br>+0 %: 240 mins:<br>Summer | 63.28<br>0 | 60.79<br>0 | 61.021 | 0.231 | 16.7  | 0.262 | 0.000 | 16.4  | 123.310  | OK         |
| S15.0.2<br>(FC) | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 62.57<br>5 | 60.95<br>5 | 61.489 | 0.534 | 10.8  | 0.604 | 0.000 | 10.0  | 75.817   | Surcharged |
| S15.0.3         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 63.12<br>0 | 61.54<br>5 | 61.620 | 0.075 | 31.5  | 0.085 | 0.000 | 31.5  | 66.475   | OK         |
| S15.0.4         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 65.07<br>5 | 63.57<br>5 | 63.638 | 0.063 | 18.8  | 0.072 | 0.000 | 18.8  | 39.689   | OK         |
| S15.0.5         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 65.50<br>0 | 64.00<br>0 | 64.057 | 0.057 | 17.2  | 0.064 | 0.000 | 17.2  | 36.275   | OK         |
| S15.0.6         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 66.18<br>0 | 64.68<br>0 | 64.729 | 0.049 | 14.5  | 0.056 | 0.000 | 14.5  | 30.611   | OK         |
| S15.0.7         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 67.03<br>0 | 65.52<br>5 | 65.571 | 0.046 | 12.6  | 0.052 | 0.000 | 12.6  | 26.621   | OK         |
| S15.0.8         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 68.27<br>5 | 66.83<br>5 | 66.873 | 0.038 | 7.5   | 0.043 | 0.000 | 7.5   | 15.857   | OK         |
| S15.0.9         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 70.15<br>0 | 68.72<br>5 | 68.744 | 0.019 | 1.6   | 0.021 | 0.000 | 1.6   | 3.353    | OK         |
| S15.1.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 63.51<br>0 | 60.77<br>5 | 61.085 | 0.310 | 29.0  | 0.351 | 0.000 | 26.9  | 182.203  | OK         |
| S15.2.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 63.67<br>0 | 60.95<br>0 | 61.090 | 0.140 | 26.0  | 0.158 | 0.000 | 26.1  | 176.200  | OK         |
| S15.3.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 64.16<br>0 | 61.49<br>5 | 61.568 | 0.073 | 17.7  | 0.082 | 0.000 | 17.7  | 159.022  | OK         |
| S15.4.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 64.34<br>5 | 61.70<br>0 | 61.768 | 0.068 | 14.5  | 0.077 | 0.000 | 14.5  | 152.681  | OK         |

|                                                                              |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|                 |                                                |            |            |        |       |       |       |       |       |         |            |
|-----------------|------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|---------|------------|
| S15.5.0<br>(FC) | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 64.50<br>0 | 61.87<br>0 | 62.581 | 0.711 | 13.2  | 0.804 | 0.000 | 11.0  | 145.480 | Surcharged |
| S15.6.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 64.63<br>0 | 62.87<br>5 | 62.978 | 0.103 | 72.8  | 0.116 | 0.000 | 72.8  | 153.425 | OK         |
| S15.7.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 65.94<br>5 | 64.30<br>0 | 64.406 | 0.106 | 66.0  | 0.120 | 0.000 | 66.0  | 139.017 | OK         |
| S15.8.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 66.36<br>5 | 64.79<br>0 | 64.902 | 0.112 | 65.0  | 0.127 | 0.000 | 65.0  | 137.072 | OK         |
| S15.8.1         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 66.65<br>5 | 65.07<br>5 | 65.203 | 0.128 | 46.6  | 0.145 | 0.000 | 46.6  | 98.218  | OK         |
| S15.8.2         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 66.91<br>5 | 65.41<br>5 | 65.537 | 0.122 | 38.6  | 0.138 | 0.000 | 38.6  | 81.267  | OK         |
| S15.8.3         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 67.04<br>5 | 65.54<br>5 | 65.667 | 0.122 | 32.3  | 0.139 | 0.000 | 32.3  | 68.164  | OK         |
| S15.8.4         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 68.09<br>5 | 66.59<br>5 | 66.668 | 0.073 | 28.9  | 0.082 | 0.000 | 28.9  | 60.870  | OK         |
| S15.8.5         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 69.83<br>5 | 68.33<br>5 | 68.389 | 0.054 | 16.2  | 0.061 | 0.000 | 16.2  | 34.155  | OK         |
| S15.8.6         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 70.79<br>0 | 69.29<br>0 | 69.341 | 0.051 | 14.1  | 0.057 | 0.000 | 14.1  | 29.670  | OK         |
| S15.8.7         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 71.32<br>0 | 69.89<br>5 | 69.923 | 0.028 | 2.1   | 0.032 | 0.000 | 2.1   | 4.366   | OK         |
| S15.9.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 67.20<br>0 | 65.80<br>0 | 65.856 | 0.056 | 17.2  | 0.063 | 0.000 | 17.2  | 36.316  | OK         |
| S15.10.0        | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 67.87<br>5 | 66.45<br>0 | 66.511 | 0.061 | 17.2  | 0.070 | 0.000 | 17.2  | 36.317  | OK         |
| S15.11.0        | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 68.36<br>5 | 66.94<br>0 | 67.002 | 0.062 | 17.2  | 0.070 | 0.000 | 17.2  | 36.317  | OK         |
| S15.12.0        | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 71.43<br>5 | 69.95<br>0 | 69.990 | 0.040 | 8.3   | 0.046 | 0.000 | 8.3   | 17.429  | OK         |
| S15.13.0        | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 73.51<br>5 | 72.09<br>0 | 72.114 | 0.024 | 2.9   | 0.027 | 0.000 | 2.9   | 6.108   | OK         |
| S16.0.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 65.85<br>5 | 62.37<br>5 | 62.512 | 0.137 | 137.6 | 0.155 | 0.000 | 137.9 | 344.190 | OK         |
| S16.1.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 66.28<br>5 | 63.19<br>5 | 63.252 | 0.057 | 27.6  | 0.064 | 0.000 | 27.6  | 58.319  | OK         |
| S16.2.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 66.62<br>5 | 65.12<br>5 | 65.182 | 0.057 | 22.2  | 0.064 | 0.000 | 22.2  | 46.971  | OK         |
| S16.2.1         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 67.28<br>0 | 65.59<br>0 | 65.629 | 0.039 | 5.9   | 0.044 | 0.000 | 5.9   | 12.412  | OK         |
| S16.2.2         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 67.81<br>5 | 65.93<br>0 | 65.967 | 0.037 | 4.7   | 0.042 | 0.000 | 4.7   | 9.845   | OK         |
| S16.2.3         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 68.03<br>0 | 66.09<br>5 | 66.124 | 0.029 | 2.9   | 0.033 | 0.000 | 2.9   | 6.101   | OK         |
| S16.2.4         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer | 68.02<br>0 | 66.59<br>5 | 66.616 | 0.021 | 1.4   | 0.023 | 0.000 | 1.4   | 3.006   | OK         |



|                                                                              |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|                     |                                                  |            |            |        |       |      |       |       |      |         |    |
|---------------------|--------------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|---------|----|
| S16.3.0             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 66.74<br>0 | 65.32<br>5 | 65.399 | 0.074 | 13.8 | 0.084 | 0.000 | 13.8 | 29.208  | OK |
| S16.4.0             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 67.04<br>0 | 65.61<br>5 | 65.657 | 0.042 | 4.0  | 0.047 | 0.000 | 4.0  | 8.531   | OK |
| S16.5.0             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 65.72<br>0 | 62.49<br>0 | 62.610 | 0.120 | 39.9 | 0.135 | 0.000 | 39.9 | 137.967 | OK |
| S16.6.0             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 65.16<br>5 | 62.61<br>5 | 62.744 | 0.129 | 31.7 | 0.146 | 0.000 | 31.7 | 120.744 | OK |
| S16.7.0             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 64.95<br>0 | 62.66<br>5 | 62.789 | 0.124 | 26.1 | 0.140 | 0.000 | 26.1 | 108.915 | OK |
| S16.7.1             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 64.51<br>0 | 63.01<br>0 | 63.066 | 0.056 | 9.7  | 0.063 | 0.000 | 9.7  | 20.394  | OK |
| S16.8.0             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 65.72<br>5 | 63.83<br>5 | 63.876 | 0.041 | 12.2 | 0.046 | 0.000 | 12.1 | 79.558  | OK |
| S16.10.0            | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 68.88<br>5 | 67.38<br>5 | 67.435 | 0.050 | 17.1 | 0.057 | 0.000 | 17.2 | 36.226  | OK |
| S16.11.0            | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 70.13<br>0 | 68.54<br>5 | 68.595 | 0.050 | 12.7 | 0.056 | 0.000 | 12.7 | 26.885  | OK |
| S16.11.1            | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 70.15<br>0 | 68.77<br>0 | 68.801 | 0.031 | 2.1  | 0.035 | 0.000 | 2.1  | 4.456   | OK |
| S16.11.2            | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 70.29<br>5 | 68.87<br>0 | 68.888 | 0.018 | 0.6  | 0.020 | 0.000 | 0.6  | 1.200   | OK |
| S16.12.0            | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 70.41<br>0 | 68.98<br>5 | 69.019 | 0.034 | 4.0  | 0.039 | 0.000 | 4.0  | 8.393   | OK |
| S16.13.0            | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 70.99<br>5 | 69.57<br>0 | 69.588 | 0.018 | 1.2  | 0.020 | 0.000 | 1.2  | 2.562   | OK |
| S17.0.0             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 68.22<br>5 | 65.21<br>0 | 65.300 | 0.090 | 61.9 | 0.101 | 0.000 | 62.0 | 130.613 | OK |
| S18.0.0             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 69.85<br>5 | 67.05<br>0 | 67.133 | 0.083 | 50.0 | 0.094 | 0.000 | 50.0 | 105.356 | OK |
| S18.0.1             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 70.27<br>0 | 68.17<br>5 | 68.232 | 0.057 | 14.9 | 0.064 | 0.000 | 14.9 | 31.405  | OK |
| S18.0.2             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 70.60<br>0 | 69.17<br>5 | 69.211 | 0.036 | 5.5  | 0.041 | 0.000 | 5.5  | 11.634  | OK |
| S19.0.0             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 70.96<br>0 | 68.41<br>0 | 68.471 | 0.061 | 25.3 | 0.070 | 0.000 | 25.3 | 53.271  | OK |
| S20.0.0             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 71.62<br>0 | 70.12<br>0 | 70.173 | 0.053 | 17.7 | 0.060 | 0.000 | 17.7 | 37.413  | OK |
| S21.0.0             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 72.77<br>5 | 70.77<br>5 | 70.843 | 0.068 | 15.7 | 0.077 | 0.000 | 15.7 | 33.119  | OK |
| S22.0.0             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 74.34<br>0 | 72.11<br>5 | 72.163 | 0.048 | 8.4  | 0.055 | 0.000 | 8.4  | 17.766  | OK |
| S23.0.0             | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 74.01<br>5 | 72.59<br>0 | 72.619 | 0.029 | 2.4  | 0.033 | 0.000 | 2.4  | 5.094   | OK |
| HW24.0<br>(Outfall) | FEH2022: 2 years:<br>+0 %: 10080 mins:<br>Summer | 55.03<br>0 | 53.57<br>0 | 53.585 | 0.015 | 0.6  | 0.000 | 0.000 | 0.6  | 322.104 | OK |

|                                                                              |  |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  | Revision:<br>Rev 1         |                            |                             |                                                                                     |

|                 |                                                  |            |            |        |       |      |       |       |      |         |            |
|-----------------|--------------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|---------|------------|
| S24.0.0         | FEH2022: 2 years:<br>+0 %: 10080 mins:<br>Summer | 55.14<br>0 | 53.62<br>0 | 53.635 | 0.015 | 0.6  | 0.017 | 0.000 | 0.6  | 322.104 | OK         |
| S24.1.0<br>(FC) | FEH2022: 2 years:<br>+0 %: 10080 mins:<br>Summer | 55.77<br>0 | 53.78<br>0 | 54.442 | 0.662 | 0.6  | 0.749 | 0.000 | 0.6  | 322.105 | Surcharged |
| S24.2.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Winter   | 56.09<br>0 | 53.85<br>0 | 54.199 | 0.349 | 20.2 | 0.395 | 0.000 | 1.6  | 55.590  | OK         |
| S24.3.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 57.67<br>5 | 55.16<br>5 | 55.226 | 0.061 | 17.1 | 0.069 | 0.000 | 17.1 | 36.176  | OK         |
| S24.4.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 57.90<br>5 | 55.28<br>0 | 55.356 | 0.076 | 15.3 | 0.086 | 0.000 | 15.3 | 32.308  | OK         |
| S24.8.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 57.39<br>0 | 55.71<br>0 | 55.770 | 0.060 | 6.1  | 0.068 | 0.000 | 6.1  | 12.798  | OK         |
| S24.9.0         | FEH2022: 2 years:<br>+0 %: 120 mins:<br>Summer   | 56.96<br>0 | 55.83<br>5 | 55.888 | 0.053 | 5.0  | 0.059 | 0.000 | 5.0  | 10.447  | OK         |
| S16.9.0<br>(FC) | FEH2022: 2 years:<br>+0 %: 240 mins:<br>Summer   | 66.59<br>0 | 64.52<br>0 | 64.828 | 0.308 | 23.5 | 0.349 | 0.000 | 9.5  | 135.782 | Surcharged |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |



**FEH2022: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Outflow**

| Junction | Storm Event                               | Cover Level (m) | Invert Level (m) | Max. Level (m) | Max. Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Status     |
|----------|-------------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|------------|
| S2.2.0   | FEH2022: 30 years: +0 %: 120 mins: Summer | 56.315          | 54.290           | 55.308         | 1.018          | 818.8             | 4.605                     | 0.000                    | 816.6              | 2682.808                    | Surcharged |
| S2.1.1   | FEH2022: 30 years: +0 %: 960 mins: Winter | 56.350          | 53.990           | 55.501         | 1.511          | 72.8              | 6.834                     | 0.000                    | 72.8               | 3126.951                    | Surcharged |
| HW 2.1   | FEH2022: 30 years: +0 %: 960 mins: Winter | 54.700          | 53.910           | 54.101         | 0.191          | 72.8              | 0.000                     | 0.000                    | 72.8               | 3126.281                    | OK         |
| S2.1.0   | FEH2022: 30 years: +0 %: 960 mins: Winter | 54.830          | 53.930           | 54.146         | 0.216          | 72.8              | 0.382                     | 0.000                    | 72.8               | 3126.281                    | OK         |
| S2.3.0   | FEH2022: 30 years: +0 %: 120 mins: Summer | 56.500          | 54.600           | 55.308         | 0.708          | 15.5              | 0.801                     | 0.000                    | 14.8               | 31.480                      | Surcharged |
| S2.1.3   | FEH2022: 30 years: +0 %: 120 mins: Summer | 56.000          | 54.665           | 55.308         | 0.643          | 0.9               | 0.727                     | 0.000                    | 0.6                | 1.079                       | Surcharged |
| S2.1.2   | FEH2022: 30 years: +0 %: 120 mins: Summer | 55.830          | 54.590           | 55.308         | 0.718          | 9.3               | 0.812                     | 0.000                    | 8.4                | 18.870                      | Surcharged |
| S2.4.0   | FEH2022: 30 years: +0 %: 120 mins: Summer | 56.490          | 54.625           | 55.308         | 0.683          | 16.5              | 0.772                     | 0.000                    | 15.5               | 32.409                      | Surcharged |
| S2.5.0   | FEH2022: 30 years: +0 %: 120 mins: Summer | 56.800          | 54.940           | 55.308         | 0.368          | 2.2               | 0.416                     | 0.000                    | 2.2                | 3.852                       | Surcharged |
| S5.0.0   | FEH2022: 30 years: +0 %: 120 mins: Summer | 56.680          | 54.580           | 55.309         | 0.729          | 781.7             | 0.824                     | 0.000                    | 779.5              | 2615.589                    | OK         |
| S4.0.0   | FEH2022: 30 years: +0 %: 120 mins: Summer | 56.165          | 54.310           | 55.308         | 0.998          | 821.3             | 1.129                     | 0.000                    | 818.8              | 2692.994                    | Surcharged |
| S4.1.0   | FEH2022: 30 years: +0 %: 120 mins: Summer | 56.590          | 54.875           | 55.308         | 0.433          | 33.3              | 0.490                     | 0.000                    | 32.5               | 66.853                      | Surcharged |
| S4.1.1   | FEH2022: 30 years: +0 %: 120 mins: Summer | 57.240          | 56.115           | 56.148         | 0.033          | 4.5               | 0.037                     | 0.000                    | 4.5                | 9.503                       | OK         |
| S4.2.0   | FEH2022: 30 years: +0 %: 120 mins: Summer | 55.980          | 54.995           | 55.308         | 0.313          | 6.1               | 0.354                     | 0.000                    | 6.1                | 11.819                      | Surcharged |
| S6.0.0   | FEH2022: 30 years: +0 %: 120 mins: Summer | 57.075          | 54.725           | 55.377         | 0.652          | 776.9             | 0.737                     | 0.000                    | 775.6              | 2614.689                    | OK         |
| S7.0.0   | FEH2022: 30 years: +0 %: 120 mins: Summer | 57.350          | 54.825           | 55.525         | 0.700          | 764.2             | 0.792                     | 0.000                    | 763.2              | 2593.497                    | OK         |
| S8.0.0   | FEH2022: 30 years: +0 %: 120 mins: Summer | 57.660          | 54.940           | 55.666         | 0.726          | 757.0             | 0.821                     | 0.000                    | 756.4              | 2582.440                    | OK         |
| S9.0.0   | FEH2022: 30 years: +0 %: 120 mins: Summer | 57.885          | 55.005           | 55.793         | 0.788          | 752.7             | 0.891                     | 0.000                    | 751.4              | 2574.627                    | Surcharged |
| S9.0.1   | FEH2022: 30 years: +0 %: 120 mins: Summer | 57.705          | 55.675           | 55.813         | 0.138          | 20.7              | 0.156                     | 0.000                    | 20.3               | 43.715                      | OK         |
| S9.0.2   | FEH2022: 30 years: +0 %: 120 mins: Summer | 56.915          | 55.975           | 56.016         | 0.041          | 3.7               | 0.046                     | 0.000                    | 3.7                | 7.782                       | OK         |

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|------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|         |                                                 |            |            |        |       |       |       |       |       |         |    |
|---------|-------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|---------|----|
| S9.1.0  | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 58.05<br>5 | 55.27<br>0 | 55.814 | 0.544 | 337.7 | 0.616 | 0.000 | 336.5 | 718.260 | OK |
| S9.2.0  | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 58.05<br>0 | 55.38<br>5 | 55.854 | 0.469 | 333.0 | 0.530 | 0.000 | 330.7 | 703.365 | OK |
| S9.3.0  | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 57.60<br>0 | 55.79<br>0 | 56.111 | 0.321 | 312.3 | 0.363 | 0.000 | 312.5 | 660.151 | OK |
| S9.4.0  | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 58.06<br>0 | 56.12<br>0 | 56.439 | 0.319 | 285.8 | 0.361 | 0.000 | 285.8 | 604.100 | OK |
| S24.6.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 58.08<br>0 | 55.46<br>5 | 55.547 | 0.082 | 12.3  | 0.093 | 0.000 | 12.3  | 25.953  | OK |
| S24.7.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 57.97<br>0 | 55.60<br>5 | 55.677 | 0.072 | 12.3  | 0.081 | 0.000 | 12.3  | 25.962  | OK |
| S24.5.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 58.19<br>0 | 55.34<br>0 | 55.471 | 0.131 | 27.9  | 0.148 | 0.000 | 27.9  | 58.869  | OK |
| S9.5.0  | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 58.29<br>0 | 56.28<br>0 | 56.608 | 0.328 | 283.4 | 0.371 | 0.000 | 283.5 | 599.124 | OK |
| S9.6.0  | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 59.90<br>0 | 56.76<br>0 | 57.064 | 0.304 | 259.0 | 0.344 | 0.000 | 259.4 | 548.400 | OK |
| S9.6.1  | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 59.74<br>0 | 58.31<br>5 | 58.337 | 0.022 | 3.7   | 0.025 | 0.000 | 3.7   | 7.911   | OK |
| S9.7.0  | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 59.57<br>5 | 57.54<br>5 | 57.774 | 0.229 | 249.7 | 0.259 | 0.000 | 249.2 | 527.808 | OK |
| S9.7.1  | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 59.64<br>5 | 58.00<br>0 | 58.049 | 0.049 | 11.5  | 0.055 | 0.000 | 11.5  | 24.254  | OK |
| S9.7.2  | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 59.47<br>5 | 58.35<br>0 | 58.392 | 0.042 | 6.1   | 0.047 | 0.000 | 6.1   | 12.744  | OK |
| S9.8.0  | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 59.69<br>0 | 57.81<br>0 | 58.072 | 0.262 | 235.1 | 0.296 | 0.000 | 233.9 | 494.596 | OK |
| S9.9.0  | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 60.95<br>5 | 58.96<br>0 | 59.170 | 0.210 | 186.9 | 0.238 | 0.000 | 202.9 | 426.633 | OK |
| S9.10.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 61.16<br>5 | 58.99<br>5 | 59.322 | 0.327 | 199.1 | 0.370 | 0.000 | 182.9 | 417.815 | OK |
| S9.10.1 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 61.31<br>5 | 59.52<br>5 | 59.561 | 0.036 | 9.9   | 0.041 | 0.000 | 9.9   | 20.857  | OK |
| S9.10.2 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 61.41<br>0 | 60.28<br>5 | 60.319 | 0.034 | 4.8   | 0.038 | 0.000 | 4.8   | 10.170  | OK |
| S9.11.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 61.38<br>5 | 59.04<br>0 | 59.428 | 0.388 | 182.4 | 0.439 | 0.000 | 183.7 | 385.619 | OK |
| S9.12.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 61.72<br>5 | 59.16<br>0 | 59.548 | 0.388 | 165.9 | 0.438 | 0.000 | 165.4 | 349.842 | OK |
| S9.12.1 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 62.84<br>0 | 60.65<br>0 | 60.733 | 0.083 | 32.5  | 0.094 | 0.000 | 32.5  | 68.397  | OK |
| S9.12.2 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 63.14<br>5 | 61.06<br>5 | 61.136 | 0.071 | 17.8  | 0.081 | 0.000 | 17.8  | 37.570  | OK |
| S9.12.3 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 63.22<br>0 | 61.40<br>0 | 61.470 | 0.070 | 15.2  | 0.079 | 0.000 | 15.2  | 32.033  | OK |

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|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |                            | Revision:<br>Rev 1         |                             |                                                                                     |  |

|         |                                                 |            |            |        |       |       |       |       |       |          |    |
|---------|-------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|----------|----|
| S9.12.4 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 63.10<br>0 | 61.64<br>5 | 61.701 | 0.056 | 10.0  | 0.063 | 0.000 | 10.0  | 21.083   | OK |
| S9.12.5 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 62.91<br>0 | 61.78<br>5 | 61.846 | 0.061 | 6.8   | 0.069 | 0.000 | 6.8   | 14.388   | OK |
| S9.12.6 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 62.94<br>0 | 61.41<br>0 | 61.445 | 0.035 | 6.4   | 0.039 | 0.000 | 6.4   | 13.512   | OK |
| S9.12.7 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 63.08<br>5 | 61.96<br>0 | 61.985 | 0.025 | 3.1   | 0.028 | 0.000 | 3.1   | 6.534    | OK |
| S9.13.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 61.66<br>0 | 59.32<br>5 | 59.577 | 0.252 | 114.7 | 0.285 | 0.000 | 114.7 | 241.901  | OK |
| S9.14.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 61.44<br>0 | 59.42<br>5 | 59.677 | 0.252 | 104.7 | 0.285 | 0.000 | 104.6 | 220.731  | OK |
| S9.15.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 61.28<br>5 | 59.49<br>5 | 59.735 | 0.240 | 88.1  | 0.272 | 0.000 | 88.1  | 185.751  | OK |
| S9.16.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 61.25<br>5 | 59.60<br>5 | 59.793 | 0.188 | 63.7  | 0.212 | 0.000 | 63.6  | 134.223  | OK |
| S9.16.1 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 62.57<br>0 | 61.14<br>5 | 61.203 | 0.058 | 16.1  | 0.065 | 0.000 | 16.1  | 33.911   | OK |
| S9.16.2 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 62.86<br>5 | 61.48<br>5 | 61.535 | 0.050 | 8.8   | 0.057 | 0.000 | 8.8   | 18.479   | OK |
| S9.16.3 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 63.14<br>0 | 61.75<br>5 | 61.795 | 0.040 | 5.6   | 0.045 | 0.000 | 5.7   | 11.909   | OK |
| S9.16.4 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 63.26<br>0 | 62.13<br>5 | 62.172 | 0.037 | 4.8   | 0.042 | 0.000 | 4.8   | 10.188   | OK |
| S9.17.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 61.89<br>0 | 60.10<br>5 | 60.154 | 0.049 | 6.5   | 0.055 | 0.000 | 6.5   | 13.640   | OK |
| S10.0.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 59.76<br>5 | 56.47<br>0 | 56.705 | 0.235 | 354.3 | 0.266 | 0.000 | 354.3 | 1730.764 | OK |
| S10.0.1 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 59.86<br>5 | 56.97<br>0 | 57.072 | 0.102 | 57.9  | 0.116 | 0.000 | 57.9  | 122.158  | OK |
| S10.0.2 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 59.28<br>5 | 57.60<br>5 | 57.745 | 0.140 | 51.1  | 0.159 | 0.000 | 51.1  | 107.805  | OK |
| S10.0.3 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 59.24<br>0 | 57.78<br>0 | 57.929 | 0.149 | 46.6  | 0.168 | 0.000 | 46.6  | 98.254   | OK |
| S10.0.4 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 59.59<br>5 | 58.17<br>5 | 58.282 | 0.107 | 23.7  | 0.121 | 0.000 | 23.7  | 50.042   | OK |
| S10.0.5 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 59.76<br>0 | 58.33<br>5 | 58.414 | 0.079 | 12.8  | 0.090 | 0.000 | 12.8  | 26.917   | OK |
| S10.1.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 59.18<br>5 | 57.04<br>0 | 57.256 | 0.216 | 88.1  | 0.245 | 0.000 | 88.1  | 185.689  | OK |
| S10.1.1 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 58.73<br>0 | 57.30<br>5 | 57.360 | 0.055 | 7.1   | 0.062 | 0.000 | 7.1   | 14.900   | OK |
| S10.2.0 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 60.99<br>0 | 58.51<br>5 | 58.609 | 0.094 | 35.1  | 0.106 | 0.000 | 35.1  | 73.898   | OK |
| S10.2.1 | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 60.23<br>0 | 58.80<br>5 | 58.882 | 0.077 | 12.5  | 0.087 | 0.000 | 12.5  | 26.294   | OK |

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| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|                 |                                                 |            |            |        |       |       |       |       |       |          |            |
|-----------------|-------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|----------|------------|
| S10.3.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 61.44<br>5 | 60.02<br>0 | 60.057 | 0.037 | 6.2   | 0.042 | 0.000 | 6.2   | 13.064   | OK         |
| S11.0.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 60.80<br>5 | 57.01<br>0 | 57.217 | 0.207 | 194.5 | 0.234 | 0.000 | 194.4 | 1394.814 | OK         |
| S11.0.1         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 60.25<br>0 | 58.82<br>5 | 58.863 | 0.038 | 8.2   | 0.043 | 0.000 | 8.2   | 17.245   | OK         |
| S12.0.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 61.66<br>0 | 57.57<br>0 | 57.743 | 0.173 | 143.2 | 0.195 | 0.000 | 143.1 | 1287.465 | OK         |
| S13.0.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 62.26<br>5 | 58.28<br>0 | 58.446 | 0.166 | 132.4 | 0.187 | 0.000 | 132.3 | 1265.431 | OK         |
| S13.0.1         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 62.51<br>5 | 58.92<br>5 | 59.033 | 0.108 | 30.6  | 0.122 | 0.000 | 30.6  | 64.633   | OK         |
| S13.0.2         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 62.30<br>5 | 59.02<br>0 | 59.149 | 0.129 | 24.5  | 0.146 | 0.000 | 24.5  | 51.737   | OK         |
| S13.0.3         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 60.76<br>5 | 59.34<br>0 | 59.447 | 0.107 | 19.1  | 0.120 | 0.000 | 19.1  | 40.374   | OK         |
| S14.0.0<br>(FC) | FEH2022: 30 years:<br>+0 %: 480 mins:<br>Winter | 62.39<br>5 | 58.82<br>0 | 61.162 | 2.342 | 119.5 | 2.649 | 0.000 | 102.3 | 2162.339 | Surcharged |
| S15.0.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 63.60<br>0 | 60.53<br>0 | 61.651 | 1.121 | 355.6 | 1.267 | 0.000 | 354.5 | 1097.567 | Surcharged |
| S15.0.1         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 63.28<br>0 | 60.79<br>0 | 61.654 | 0.864 | 22.4  | 0.977 | 0.000 | 22.7  | 166.478  | Surcharged |
| S15.0.2<br>(FC) | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 62.57<br>5 | 60.95<br>5 | 61.890 | 0.935 | 10.6  | 1.057 | 0.000 | 10.0  | 130.543  | Surcharged |
| S15.0.3         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 63.12<br>0 | 61.54<br>5 | 61.891 | 0.346 | 63.8  | 0.391 | 0.000 | 61.3  | 134.428  | OK         |
| S15.0.4         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 65.07<br>5 | 63.57<br>5 | 63.666 | 0.091 | 38.1  | 0.103 | 0.000 | 38.1  | 80.452   | OK         |
| S15.0.5         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 65.50<br>0 | 64.00<br>0 | 64.083 | 0.083 | 34.8  | 0.094 | 0.000 | 34.8  | 73.396   | OK         |
| S15.0.6         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 66.18<br>0 | 64.68<br>0 | 64.751 | 0.071 | 29.4  | 0.081 | 0.000 | 29.4  | 61.936   | OK         |
| S15.0.7         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 67.03<br>0 | 65.52<br>5 | 65.591 | 0.066 | 25.6  | 0.075 | 0.000 | 25.6  | 53.897   | OK         |
| S15.0.8         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 68.27<br>5 | 66.83<br>5 | 66.889 | 0.054 | 15.2  | 0.061 | 0.000 | 15.2  | 32.105   | OK         |
| S15.0.9         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 70.15<br>0 | 68.72<br>5 | 68.751 | 0.026 | 3.2   | 0.029 | 0.000 | 3.2   | 6.755    | OK         |
| S15.1.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 63.51<br>0 | 60.77<br>5 | 61.657 | 0.882 | 40.9  | 0.998 | 0.000 | 40.3  | 207.654  | Surcharged |
| S15.2.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 63.67<br>0 | 60.95<br>0 | 61.665 | 0.715 | 40.8  | 0.808 | 0.000 | 35.0  | 195.362  | Surcharged |
| S15.3.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 64.16<br>0 | 61.49<br>5 | 61.671 | 0.176 | 24.3  | 0.199 | 0.000 | 24.0  | 160.209  | OK         |
| S15.4.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 64.34<br>5 | 61.70<br>0 | 61.776 | 0.076 | 17.9  | 0.086 | 0.000 | 17.8  | 146.968  | OK         |

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| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|                 |                                                 |            |            |        |       |       |       |       |       |         |            |
|-----------------|-------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|---------|------------|
| S15.5.0<br>(FC) | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Winter | 64.50<br>0 | 61.87<br>0 | 62.962 | 1.092 | 15.0  | 1.235 | 0.000 | 11.0  | 130.920 | Surcharged |
| S15.6.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 64.63<br>0 | 62.87<br>5 | 63.037 | 0.162 | 147.1 | 0.183 | 0.000 | 147.2 | 309.858 | OK         |
| S15.7.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 65.94<br>5 | 64.30<br>0 | 64.458 | 0.158 | 133.3 | 0.179 | 0.000 | 133.3 | 280.984 | OK         |
| S15.8.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 66.36<br>5 | 64.79<br>0 | 64.960 | 0.170 | 131.5 | 0.192 | 0.000 | 131.5 | 277.018 | OK         |
| S15.8.1         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 66.65<br>5 | 65.07<br>5 | 65.276 | 0.201 | 94.2  | 0.228 | 0.000 | 94.2  | 198.488 | OK         |
| S15.8.2         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 66.91<br>5 | 65.41<br>5 | 65.606 | 0.191 | 77.9  | 0.216 | 0.000 | 77.9  | 164.215 | OK         |
| S15.8.3         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 67.04<br>5 | 65.54<br>5 | 65.739 | 0.194 | 65.4  | 0.219 | 0.000 | 65.4  | 137.762 | OK         |
| S15.8.4         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 68.09<br>5 | 66.59<br>5 | 66.700 | 0.105 | 58.4  | 0.118 | 0.000 | 58.4  | 123.042 | OK         |
| S15.8.5         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 69.83<br>5 | 68.33<br>5 | 68.412 | 0.077 | 32.7  | 0.087 | 0.000 | 32.7  | 69.008  | OK         |
| S15.8.6         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 70.79<br>0 | 69.29<br>0 | 69.363 | 0.073 | 28.4  | 0.082 | 0.000 | 28.4  | 59.952  | OK         |
| S15.8.7         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 71.32<br>0 | 69.89<br>5 | 69.935 | 0.040 | 4.2   | 0.045 | 0.000 | 4.2   | 8.835   | OK         |
| S15.9.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 67.20<br>0 | 65.80<br>0 | 65.881 | 0.081 | 34.8  | 0.091 | 0.000 | 34.8  | 73.396  | OK         |
| S15.10.0        | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 67.87<br>5 | 66.45<br>0 | 66.541 | 0.091 | 34.8  | 0.103 | 0.000 | 34.8  | 73.396  | OK         |
| S15.11.0        | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 68.36<br>5 | 66.94<br>0 | 67.032 | 0.092 | 34.8  | 0.104 | 0.000 | 34.8  | 73.396  | OK         |
| S15.12.0        | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 71.43<br>5 | 69.95<br>0 | 70.007 | 0.057 | 16.7  | 0.065 | 0.000 | 16.7  | 35.242  | OK         |
| S15.13.0        | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 73.51<br>5 | 72.09<br>0 | 72.124 | 0.034 | 5.8   | 0.038 | 0.000 | 5.8   | 12.349  | OK         |
| S16.0.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 65.85<br>5 | 62.37<br>5 | 62.575 | 0.200 | 270.9 | 0.226 | 0.000 | 270.9 | 669.176 | OK         |
| S16.1.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 66.28<br>5 | 63.19<br>5 | 63.277 | 0.082 | 55.9  | 0.092 | 0.000 | 55.9  | 117.796 | OK         |
| S16.2.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 66.62<br>5 | 65.12<br>5 | 65.207 | 0.082 | 45.0  | 0.092 | 0.000 | 45.0  | 94.897  | OK         |
| S16.2.1         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 67.28<br>0 | 65.59<br>0 | 65.645 | 0.055 | 11.9  | 0.062 | 0.000 | 11.9  | 25.156  | OK         |
| S16.2.2         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 67.81<br>5 | 65.93<br>0 | 65.983 | 0.053 | 9.5   | 0.060 | 0.000 | 9.5   | 19.943  | OK         |
| S16.2.3         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 68.03<br>0 | 66.09<br>5 | 66.137 | 0.042 | 5.9   | 0.047 | 0.000 | 5.9   | 12.389  | OK         |
| S16.2.4         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer | 68.02<br>0 | 66.59<br>5 | 66.624 | 0.029 | 2.9   | 0.033 | 0.000 | 2.9   | 6.102   | OK         |



|                                                                              |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|                     |                                                  |            |            |        |       |       |       |       |       |         |    |
|---------------------|--------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|---------|----|
| S16.3.0             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 66.74<br>0 | 65.32<br>5 | 65.436 | 0.111 | 28.0  | 0.125 | 0.000 | 28.0  | 58.943  | OK |
| S16.4.0             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 67.04<br>0 | 65.61<br>5 | 65.674 | 0.059 | 8.2   | 0.067 | 0.000 | 8.2   | 17.195  | OK |
| S16.5.0             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 65.72<br>0 | 62.49<br>0 | 62.665 | 0.175 | 73.1  | 0.198 | 0.000 | 73.1  | 253.448 | OK |
| S16.6.0             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 65.16<br>5 | 62.61<br>5 | 62.793 | 0.178 | 56.5  | 0.202 | 0.000 | 56.5  | 218.814 | OK |
| S16.7.0             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 64.95<br>0 | 62.66<br>5 | 62.836 | 0.171 | 45.1  | 0.194 | 0.000 | 45.1  | 195.122 | OK |
| S16.7.1             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 64.51<br>0 | 63.01<br>0 | 63.090 | 0.080 | 19.6  | 0.091 | 0.000 | 19.6  | 41.300  | OK |
| S16.8.0             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 65.72<br>5 | 63.83<br>5 | 63.882 | 0.047 | 16.8  | 0.053 | 0.000 | 16.7  | 135.951 | OK |
| S16.10.0            | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 68.88<br>5 | 67.38<br>5 | 67.457 | 0.072 | 34.7  | 0.082 | 0.000 | 34.6  | 72.853  | OK |
| S16.11.0            | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 70.13<br>0 | 68.54<br>5 | 68.616 | 0.071 | 25.8  | 0.081 | 0.000 | 25.8  | 54.305  | OK |
| S16.11.1            | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 70.15<br>0 | 68.77<br>0 | 68.813 | 0.043 | 4.3   | 0.049 | 0.000 | 4.3   | 8.992   | OK |
| S16.11.2            | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 70.29<br>5 | 68.87<br>0 | 68.895 | 0.025 | 1.1   | 0.028 | 0.000 | 1.1   | 2.406   | OK |
| S16.12.0            | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 70.41<br>0 | 68.98<br>5 | 69.033 | 0.048 | 8.0   | 0.055 | 0.000 | 8.0   | 16.931  | OK |
| S16.13.0            | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 70.99<br>5 | 69.57<br>0 | 69.594 | 0.024 | 2.5   | 0.028 | 0.000 | 2.5   | 5.184   | OK |
| S17.0.0             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 68.22<br>5 | 65.21<br>0 | 65.339 | 0.129 | 125.4 | 0.146 | 0.000 | 125.4 | 264.168 | OK |
| S18.0.0             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 69.85<br>5 | 67.05<br>0 | 67.171 | 0.121 | 101.2 | 0.137 | 0.000 | 101.2 | 213.156 | OK |
| S18.0.1             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 70.27<br>0 | 68.17<br>5 | 68.257 | 0.082 | 30.1  | 0.093 | 0.000 | 30.1  | 63.481  | OK |
| S18.0.2             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 70.60<br>0 | 69.17<br>5 | 69.226 | 0.051 | 11.2  | 0.058 | 0.000 | 11.2  | 23.502  | OK |
| S19.0.0             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 70.96<br>0 | 68.41<br>0 | 68.498 | 0.088 | 51.2  | 0.099 | 0.000 | 51.2  | 107.870 | OK |
| S20.0.0             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 71.62<br>0 | 70.12<br>0 | 70.195 | 0.075 | 36.0  | 0.085 | 0.000 | 36.0  | 75.806  | OK |
| S21.0.0             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 72.77<br>5 | 70.77<br>5 | 70.876 | 0.101 | 31.9  | 0.115 | 0.000 | 31.9  | 67.127  | OK |
| S22.0.0             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 74.34<br>0 | 72.11<br>5 | 72.184 | 0.069 | 17.1  | 0.078 | 0.000 | 17.1  | 35.976  | OK |
| S23.0.0             | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 74.01<br>5 | 72.59<br>0 | 72.631 | 0.041 | 4.9   | 0.046 | 0.000 | 4.9   | 10.356  | OK |
| HW24.0<br>(Outfall) | FEH2022: 30 years:<br>+0 %: 1440 mins:<br>Winter | 55.03<br>0 | 53.57<br>0 | 53.602 | 0.032 | 3.2   | 0.000 | 0.000 | 3.2   | 152.672 | OK |



|                                                                              |  |                            |                            |                             |                                                                                     |  |
|------------------------------------------------------------------------------|--|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  | Date:<br>29/06/2026        |                            |                             |  |  |
|                                                                              |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  | Revision:<br>Rev 1         |                            |                             |                                                                                     |  |

|                 |                                                  |            |            |        |       |      |       |       |      |         |            |
|-----------------|--------------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|---------|------------|
| S24.0.0         | FEH2022: 30 years:<br>+0 %: 1440 mins:<br>Winter | 55.14<br>0 | 53.62<br>0 | 53.654 | 0.034 | 3.2  | 0.039 | 0.000 | 3.2  | 152.672 | OK         |
| S24.1.0<br>(FC) | FEH2022: 30 years:<br>+0 %: 1440 mins:<br>Winter | 55.77<br>0 | 53.78<br>0 | 54.751 | 0.971 | 3.2  | 1.099 | 0.000 | 3.2  | 152.722 | Surcharged |
| S24.2.0         | FEH2022: 30 years:<br>+0 %: 1440 mins:<br>Winter | 56.09<br>0 | 53.85<br>0 | 54.751 | 0.901 | 6.1  | 1.020 | 0.000 | 3.1  | 276.356 | Surcharged |
| S24.3.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 57.67<br>5 | 55.16<br>5 | 55.252 | 0.087 | 34.7 | 0.098 | 0.000 | 34.7 | 73.061  | OK         |
| S24.4.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 57.90<br>5 | 55.28<br>0 | 55.391 | 0.111 | 31.1 | 0.125 | 0.000 | 31.1 | 65.553  | OK         |
| S24.8.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 57.39<br>0 | 55.71<br>0 | 55.797 | 0.087 | 12.3 | 0.098 | 0.000 | 12.3 | 25.962  | OK         |
| S24.9.0         | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 56.96<br>0 | 55.83<br>5 | 55.912 | 0.077 | 10.1 | 0.087 | 0.000 | 10.1 | 21.211  | OK         |
| S16.9.0<br>(FC) | FEH2022: 30 years:<br>+0 %: 120 mins:<br>Summer  | 66.59<br>0 | 64.52<br>0 | 65.223 | 0.703 | 67.6 | 0.795 | 0.000 | 10.0 | 210.320 | Surcharged |

|                                                                              |                            |                            |                             |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |                            | Revision:<br>Rev 1         |                             |



**FEH2022: 100 years: Increase Rainfall (%): +20: Critical Storm Per Item: Rank By: Max. Outflow**

| Junction | Storm Event                                  | Cover Level (m) | Invert Level (m) | Max. Level (m) | Max. Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Status     |
|----------|----------------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|------------|
| S2.2.0   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 56.315          | 54.290           | 55.491         | 1.201          | 1151.8            | 5.432                     | 0.000                    | 1148.7             | 3611.198                    | Surcharged |
| S2.1.1   | FEH2022: 100 years: +20 %: 1440 mins: Summer | 56.350          | 53.990           | 55.788         | 1.798          | 128.3             | 8.135                     | 0.000                    | 128.4              | 6885.748                    | Surcharged |
| HW 2.1   | FEH2022: 100 years: +20 %: 1440 mins: Summer | 54.700          | 53.910           | 54.178         | 0.268          | 128.4             | 0.000                     | 0.000                    | 128.4              | 6885.108                    | OK         |
| S2.1.0   | FEH2022: 100 years: +20 %: 1440 mins: Summer | 54.830          | 53.930           | 54.237         | 0.307          | 128.4             | 0.542                     | 0.000                    | 128.4              | 6885.108                    | OK         |
| S2.3.0   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 56.500          | 54.600           | 55.490         | 0.890          | 23.8              | 1.006                     | 0.000                    | 23.3               | 48.020                      | Surcharged |
| S2.1.3   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 56.000          | 54.665           | 55.489         | 0.824          | 1.4               | 0.932                     | 0.000                    | 0.9                | 1.761                       | Surcharged |
| S2.1.2   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 55.830          | 54.590           | 55.489         | 0.899          | 14.4              | 1.017                     | 0.000                    | 13.9               | 28.769                      | Surcharged |
| S2.4.0   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 56.490          | 54.625           | 55.490         | 0.865          | 24.8              | 0.978                     | 0.000                    | 23.8               | 49.289                      | Surcharged |
| S2.5.0   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 56.800          | 54.940           | 55.490         | 0.550          | 3.3               | 0.622                     | 0.000                    | 3.2                | 5.827                       | Surcharged |
| S5.0.0   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 56.680          | 54.580           | 55.630         | 1.050          | 1089.7            | 1.188                     | 0.000                    | 1088.4             | 3498.703                    | Surcharged |
| S4.0.0   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 56.165          | 54.310           | 55.492         | 1.182          | 1153.0            | 1.337                     | 0.000                    | 1151.8             | 3621.587                    | Surcharged |
| S4.1.0   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 56.590          | 54.875           | 55.492         | 0.617          | 49.0              | 0.698                     | 0.000                    | 48.2               | 100.423                     | Surcharged |
| S4.1.1   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 57.240          | 56.115           | 56.154         | 0.039          | 6.8               | 0.044                     | 0.000                    | 6.8                | 14.231                      | OK         |
| S4.2.0   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 55.980          | 54.995           | 55.492         | 0.497          | 9.1               | 0.562                     | 0.000                    | 8.1                | 17.567                      | Surcharged |
| S6.0.0   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 57.075          | 54.725           | 55.941         | 1.216          | 1081.7            | 1.375                     | 0.000                    | 1080.6             | 3492.229                    | Surcharged |
| S7.0.0   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 57.350          | 54.825           | 56.196         | 1.371          | 1062.3            | 1.551                     | 0.000                    | 1061.2             | 3458.238                    | Surcharged |
| S8.0.0   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 57.660          | 54.940           | 56.461         | 1.521          | 1051.7            | 1.720                     | 0.000                    | 1050.5             | 3440.912                    | Surcharged |
| S9.0.0   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 57.885          | 55.005           | 56.689         | 1.684          | 1044.7            | 1.904                     | 0.000                    | 1043.2             | 3429.678                    | Surcharged |
| S9.0.1   | FEH2022: 100 years: +20 %: 120 mins: Summer  | 57.705          | 55.675           | 56.723         | 1.048          | 29.7              | 1.185                     | 0.000                    | 28.1               | 65.987                      | Surcharged |
| S9.0.2   | FEH2022: 100 years: +20 %: 180 mins: Summer  | 56.915          | 55.975           | 56.205         | 0.230          | 4.3               | 0.260                     | 0.000                    | 5.9                | 12.948                      | Surcharged |

|                                                                              |                            |                            |                             |                                                                                     |  |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |                            | Revision:<br>Rev 1         |                             |                                                                                     |  |

|         |                                                   |            |            |        |       |       |       |       |       |          |            |
|---------|---------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|----------|------------|
| S9.1.0  | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 58.05<br>5 | 55.27<br>0 | 56.756 | 1.486 | 482.8 | 1.681 | 0.000 | 481.4 | 1080.151 | Surcharged |
| S9.2.0  | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 58.05<br>0 | 55.38<br>5 | 56.837 | 1.452 | 473.7 | 1.642 | 0.000 | 472.2 | 1058.853 | Surcharged |
| S9.3.0  | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 57.60<br>0 | 55.79<br>0 | 57.073 | 1.283 | 444.7 | 1.451 | 0.000 | 442.8 | 994.636  | Surcharged |
| S9.4.0  | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 58.06<br>0 | 56.12<br>0 | 57.271 | 1.151 | 406.7 | 1.302 | 0.000 | 404.7 | 910.222  | Surcharged |
| S24.6.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 58.08<br>0 | 55.46<br>5 | 55.566 | 0.101 | 18.6  | 0.115 | 0.000 | 18.6  | 39.092   | OK         |
| S24.7.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 57.97<br>0 | 55.60<br>5 | 55.696 | 0.091 | 18.6  | 0.103 | 0.000 | 18.6  | 39.102   | OK         |
| S24.5.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 58.19<br>0 | 55.34<br>0 | 55.506 | 0.166 | 42.1  | 0.188 | 0.000 | 42.1  | 88.648   | OK         |
| S9.5.0  | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 58.29<br>0 | 56.28<br>0 | 57.423 | 1.143 | 405.4 | 1.293 | 0.000 | 403.2 | 902.651  | Surcharged |
| S9.6.0  | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 59.90<br>0 | 56.76<br>0 | 57.795 | 1.035 | 372.2 | 1.170 | 0.000 | 369.2 | 826.149  | Surcharged |
| S9.6.1  | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 59.74<br>0 | 58.31<br>5 | 58.342 | 0.027 | 5.6   | 0.031 | 0.000 | 5.6   | 11.909   | OK         |
| S9.7.0  | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 59.57<br>5 | 57.54<br>5 | 58.225 | 0.680 | 361.2 | 0.769 | 0.000 | 357.4 | 795.059  | Surcharged |
| S9.7.1  | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 59.64<br>5 | 58.00<br>0 | 58.238 | 0.238 | 17.4  | 0.269 | 0.000 | 17.1  | 36.515   | Surcharged |
| S9.7.2  | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 59.47<br>5 | 58.35<br>0 | 58.402 | 0.052 | 9.1   | 0.058 | 0.000 | 9.1   | 19.188   | OK         |
| S9.8.0  | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 59.69<br>0 | 57.81<br>0 | 58.449 | 0.639 | 350.0 | 0.723 | 0.000 | 342.5 | 745.166  | Surcharged |
| S9.9.0  | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 60.95<br>5 | 58.96<br>0 | 59.222 | 0.262 | 303.8 | 0.296 | 0.000 | 301.4 | 642.695  | OK         |
| S9.10.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 61.16<br>5 | 58.99<br>5 | 59.406 | 0.411 | 298.0 | 0.465 | 0.000 | 297.7 | 629.758  | OK         |
| S9.10.1 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 61.31<br>5 | 59.52<br>5 | 59.571 | 0.046 | 14.9  | 0.052 | 0.000 | 14.9  | 31.399   | OK         |
| S9.10.2 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 61.41<br>0 | 60.28<br>5 | 60.326 | 0.041 | 7.3   | 0.047 | 0.000 | 7.3   | 15.312   | OK         |
| S9.11.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 61.38<br>5 | 59.04<br>0 | 59.595 | 0.555 | 274.8 | 0.628 | 0.000 | 274.8 | 581.051  | Surcharged |
| S9.12.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 61.72<br>5 | 59.16<br>0 | 59.852 | 0.692 | 249.4 | 0.783 | 0.000 | 249.3 | 527.115  | Surcharged |
| S9.12.1 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 62.84<br>0 | 60.65<br>0 | 60.755 | 0.105 | 48.9  | 0.119 | 0.000 | 48.9  | 103.048  | OK         |
| S9.12.2 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 63.14<br>5 | 61.06<br>5 | 61.155 | 0.090 | 26.9  | 0.102 | 0.000 | 26.9  | 56.632   | OK         |
| S9.12.3 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 63.22<br>0 | 61.40<br>0 | 61.488 | 0.088 | 22.9  | 0.100 | 0.000 | 22.9  | 48.276   | OK         |

|                                                                              |                            |                            |                             |                                                                                     |  |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |                            | Revision:<br>Rev 1         |                             |                                                                                     |  |

|         |                                                   |            |            |        |       |       |       |       |       |          |            |
|---------|---------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|----------|------------|
| S9.12.4 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 63.10<br>0 | 61.64<br>5 | 61.715 | 0.070 | 15.1  | 0.079 | 0.000 | 15.1  | 31.769   | OK         |
| S9.12.5 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 62.91<br>0 | 61.78<br>5 | 61.861 | 0.076 | 10.3  | 0.086 | 0.000 | 10.3  | 21.679   | OK         |
| S9.12.6 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 62.94<br>0 | 61.41<br>0 | 61.452 | 0.042 | 9.7   | 0.048 | 0.000 | 9.7   | 20.365   | OK         |
| S9.12.7 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 63.08<br>5 | 61.96<br>0 | 61.991 | 0.031 | 4.7   | 0.035 | 0.000 | 4.7   | 9.834    | OK         |
| S9.13.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 61.66<br>0 | 59.32<br>5 | 59.933 | 0.608 | 172.3 | 0.688 | 0.000 | 172.2 | 364.418  | Surcharged |
| S9.14.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 61.44<br>0 | 59.42<br>5 | 60.008 | 0.583 | 157.3 | 0.659 | 0.000 | 157.2 | 332.520  | Surcharged |
| S9.15.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 61.28<br>5 | 59.49<br>5 | 60.050 | 0.555 | 132.5 | 0.628 | 0.000 | 132.3 | 279.770  | Surcharged |
| S9.16.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 61.25<br>5 | 59.60<br>5 | 60.080 | 0.475 | 95.9  | 0.538 | 0.000 | 95.6  | 202.143  | Surcharged |
| S9.16.1 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 62.57<br>0 | 61.14<br>5 | 61.215 | 0.070 | 24.3  | 0.079 | 0.000 | 24.3  | 51.066   | OK         |
| S9.16.2 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 62.86<br>5 | 61.48<br>5 | 61.548 | 0.063 | 13.2  | 0.071 | 0.000 | 13.2  | 27.827   | OK         |
| S9.16.3 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 63.14<br>0 | 61.75<br>5 | 61.804 | 0.049 | 8.5   | 0.056 | 0.000 | 8.5   | 17.933   | OK         |
| S9.16.4 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 63.26<br>0 | 62.13<br>5 | 62.181 | 0.046 | 7.3   | 0.052 | 0.000 | 7.3   | 15.354   | OK         |
| S9.17.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 61.89<br>0 | 60.10<br>5 | 60.167 | 0.062 | 9.8   | 0.070 | 0.000 | 9.7   | 20.548   | OK         |
| S10.0.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 59.76<br>5 | 56.47<br>0 | 57.040 | 0.570 | 487.0 | 0.645 | 0.000 | 470.9 | 2162.244 | OK         |
| S10.0.1 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 59.86<br>5 | 56.97<br>0 | 57.103 | 0.133 | 87.4  | 0.150 | 0.000 | 83.4  | 183.906  | OK         |
| S10.0.2 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 59.28<br>5 | 57.60<br>5 | 57.807 | 0.202 | 77.1  | 0.229 | 0.000 | 77.2  | 162.282  | OK         |
| S10.0.3 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 59.24<br>0 | 57.78<br>0 | 58.052 | 0.272 | 70.2  | 0.308 | 0.000 | 70.2  | 147.918  | Surcharged |
| S10.0.4 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 59.59<br>5 | 58.17<br>5 | 58.312 | 0.137 | 35.8  | 0.155 | 0.000 | 35.8  | 75.383   | OK         |
| S10.0.5 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 59.76<br>0 | 58.33<br>5 | 58.436 | 0.101 | 19.2  | 0.114 | 0.000 | 19.2  | 40.537   | OK         |
| S10.1.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 59.18<br>5 | 57.04<br>0 | 57.897 | 0.857 | 130.7 | 0.969 | 0.000 | 128.4 | 279.608  | Surcharged |
| S10.1.1 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 58.73<br>0 | 57.30<br>5 | 57.907 | 0.602 | 10.6  | 0.681 | 0.000 | 13.2  | 22.449   | Surcharged |
| S10.2.0 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 60.99<br>0 | 58.51<br>5 | 58.632 | 0.117 | 52.8  | 0.132 | 0.000 | 52.8  | 111.194  | OK         |
| S10.2.1 | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 60.23<br>0 | 58.80<br>5 | 58.903 | 0.098 | 18.8  | 0.111 | 0.000 | 18.8  | 39.579   | OK         |

|                                                                              |  |  |  |                            |                            |                             |                                                                                     |  |
|------------------------------------------------------------------------------|--|--|--|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  |  |  | Date:<br>29/06/2026        |                            |                             |  |  |
|                                                                              |  |  |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  |  |  | Revision:<br>Rev 1         |                            |                             |                                                                                     |  |

|                 |                                                   |            |            |        |       |       |       |       |       |          |            |
|-----------------|---------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|----------|------------|
| S10.3.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 61.44<br>5 | 60.02<br>0 | 60.066 | 0.046 | 9.3   | 0.052 | 0.000 | 9.3   | 19.677   | OK         |
| S11.0.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 60.80<br>5 | 57.01<br>0 | 57.246 | 0.236 | 253.2 | 0.267 | 0.000 | 254.4 | 1657.523 | OK         |
| S11.0.1         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 60.25<br>0 | 58.82<br>5 | 58.872 | 0.047 | 12.3  | 0.053 | 0.000 | 12.3  | 25.977   | OK         |
| S12.0.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 61.66<br>0 | 57.57<br>0 | 57.765 | 0.195 | 176.0 | 0.220 | 0.000 | 175.7 | 1496.518 | OK         |
| S13.0.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 62.26<br>5 | 58.28<br>0 | 58.463 | 0.183 | 159.7 | 0.207 | 0.000 | 159.6 | 1464.020 | OK         |
| S13.0.1         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 62.51<br>5 | 58.92<br>5 | 59.067 | 0.142 | 46.2  | 0.161 | 0.000 | 46.2  | 97.390   | OK         |
| S13.0.2         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 62.30<br>5 | 59.02<br>0 | 59.191 | 0.171 | 37.0  | 0.193 | 0.000 | 37.0  | 77.993   | OK         |
| S13.0.3         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 60.76<br>5 | 59.34<br>0 | 59.477 | 0.137 | 28.8  | 0.155 | 0.000 | 28.8  | 60.852   | OK         |
| S14.0.0<br>(FC) | FEH2022: 100<br>years: +20 %: 960<br>mins: Summer | 62.39<br>5 | 58.82<br>0 | 61.475 | 2.655 | 154.7 | 3.002 | 0.000 | 102.3 | 3909.505 | Surcharged |
| S15.0.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 63.60<br>0 | 60.53<br>0 | 62.332 | 1.802 | 508.5 | 2.038 | 0.000 | 507.8 | 1430.822 | Surcharged |
| S15.0.1         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 63.28<br>0 | 60.79<br>0 | 62.335 | 1.545 | 28.7  | 1.748 | 0.000 | 22.8  | 176.993  | Surcharged |
| S15.0.2<br>(FC) | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 62.57<br>5 | 60.95<br>5 | 62.245 | 1.290 | 23.4  | 1.459 | 0.000 | 10.0  | 142.148  | Surcharged |
| S15.0.3         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 63.12<br>0 | 61.54<br>5 | 62.246 | 0.701 | 96.0  | 0.793 | 0.000 | 93.6  | 197.927  | Surcharged |
| S15.0.4         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 65.07<br>5 | 63.57<br>5 | 63.686 | 0.111 | 57.4  | 0.126 | 0.000 | 57.4  | 120.590  | OK         |
| S15.0.5         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 65.50<br>0 | 64.00<br>0 | 64.106 | 0.106 | 52.5  | 0.120 | 0.000 | 52.5  | 110.507  | OK         |
| S15.0.6         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 66.18<br>0 | 64.68<br>0 | 64.769 | 0.089 | 44.3  | 0.101 | 0.000 | 44.3  | 93.238   | OK         |
| S15.0.7         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 67.03<br>0 | 65.52<br>5 | 65.607 | 0.082 | 38.5  | 0.093 | 0.000 | 38.5  | 81.131   | OK         |
| S15.0.8         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 68.27<br>5 | 66.83<br>5 | 66.902 | 0.067 | 22.9  | 0.076 | 0.000 | 22.9  | 48.323   | OK         |
| S15.0.9         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 70.15<br>0 | 68.72<br>5 | 68.756 | 0.031 | 4.8   | 0.036 | 0.000 | 4.8   | 10.181   | OK         |
| S15.1.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 63.51<br>0 | 60.77<br>5 | 62.348 | 1.573 | 63.6  | 1.779 | 0.000 | 63.0  | 253.735  | Surcharged |
| S15.2.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 63.67<br>0 | 60.95<br>0 | 62.365 | 1.415 | 55.3  | 1.600 | 0.000 | 54.7  | 236.980  | Surcharged |
| S15.3.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 64.16<br>0 | 61.49<br>5 | 62.378 | 0.883 | 30.5  | 0.999 | 0.000 | 29.9  | 186.920  | Surcharged |
| S15.4.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 64.34<br>5 | 61.70<br>0 | 62.381 | 0.681 | 21.3  | 0.770 | 0.000 | 20.7  | 166.751  | Surcharged |

|                                                                              |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|              |                                             |        |        |        |       |       |       |       |       |         |            |
|--------------|---------------------------------------------|--------|--------|--------|-------|-------|-------|-------|-------|---------|------------|
| S15.5.0 (FC) | FEH2022: 100 years: +20 %: 120 mins: Summer | 64.500 | 61.870 | 63.254 | 1.384 | 17.0  | 1.565 | 0.000 | 11.0  | 145.151 | Surcharged |
| S15.6.0      | FEH2022: 100 years: +20 %: 120 mins: Summer | 64.630 | 62.875 | 63.254 | 0.379 | 221.6 | 0.429 | 0.000 | 221.6 | 465.032 | Surcharged |
| S15.7.0      | FEH2022: 100 years: +20 %: 120 mins: Summer | 65.945 | 64.300 | 64.503 | 0.203 | 200.8 | 0.230 | 0.000 | 200.8 | 423.482 | OK         |
| S15.8.0      | FEH2022: 100 years: +20 %: 120 mins: Summer | 66.365 | 64.790 | 65.013 | 0.223 | 198.0 | 0.252 | 0.000 | 198.0 | 417.459 | OK         |
| S15.8.1      | FEH2022: 100 years: +20 %: 120 mins: Summer | 66.655 | 65.075 | 65.407 | 0.332 | 141.9 | 0.376 | 0.000 | 141.9 | 299.096 | Surcharged |
| S15.8.2      | FEH2022: 100 years: +20 %: 120 mins: Summer | 66.915 | 65.415 | 65.782 | 0.367 | 117.4 | 0.415 | 0.000 | 117.4 | 247.473 | Surcharged |
| S15.8.3      | FEH2022: 100 years: +20 %: 120 mins: Summer | 67.045 | 65.545 | 65.929 | 0.384 | 98.5  | 0.435 | 0.000 | 98.5  | 207.573 | Surcharged |
| S15.8.4      | FEH2022: 100 years: +20 %: 120 mins: Summer | 68.095 | 66.595 | 66.725 | 0.130 | 88.0  | 0.147 | 0.000 | 88.0  | 185.387 | OK         |
| S15.8.5      | FEH2022: 100 years: +20 %: 120 mins: Summer | 69.835 | 68.335 | 68.430 | 0.095 | 49.4  | 0.107 | 0.000 | 49.4  | 103.989 | OK         |
| S15.8.6      | FEH2022: 100 years: +20 %: 120 mins: Summer | 70.790 | 69.290 | 69.381 | 0.091 | 42.9  | 0.103 | 0.000 | 42.9  | 90.343  | OK         |
| S15.8.7      | FEH2022: 100 years: +20 %: 120 mins: Summer | 71.320 | 69.895 | 69.944 | 0.049 | 6.3   | 0.055 | 0.000 | 6.3   | 13.304  | OK         |
| S15.9.0      | FEH2022: 100 years: +20 %: 120 mins: Summer | 67.200 | 65.800 | 65.901 | 0.101 | 52.5  | 0.114 | 0.000 | 52.5  | 110.638 | OK         |
| S15.10.0     | FEH2022: 100 years: +20 %: 120 mins: Summer | 67.875 | 66.450 | 66.567 | 0.117 | 52.5  | 0.132 | 0.000 | 52.5  | 110.639 | OK         |
| S15.11.0     | FEH2022: 100 years: +20 %: 120 mins: Summer | 68.365 | 66.940 | 67.059 | 0.119 | 52.5  | 0.134 | 0.000 | 52.5  | 110.639 | OK         |
| S15.12.0     | FEH2022: 100 years: +20 %: 120 mins: Summer | 71.435 | 69.950 | 70.021 | 0.071 | 25.2  | 0.080 | 0.000 | 25.2  | 53.122  | OK         |
| S15.13.0     | FEH2022: 100 years: +20 %: 120 mins: Summer | 73.515 | 72.090 | 72.131 | 0.041 | 8.8   | 0.047 | 0.000 | 8.8   | 18.601  | OK         |
| S16.0.0      | FEH2022: 100 years: +20 %: 120 mins: Summer | 65.855 | 62.375 | 62.709 | 0.334 | 399.4 | 0.378 | 0.000 | 388.8 | 939.295 | OK         |
| S16.1.0      | FEH2022: 100 years: +20 %: 120 mins: Summer | 66.285 | 63.195 | 63.303 | 0.108 | 84.2  | 0.122 | 0.000 | 84.1  | 177.418 | OK         |
| S16.2.0      | FEH2022: 100 years: +20 %: 120 mins: Summer | 66.625 | 65.125 | 65.226 | 0.101 | 67.8  | 0.114 | 0.000 | 67.9  | 142.922 | OK         |
| S16.2.1      | FEH2022: 100 years: +20 %: 120 mins: Summer | 67.280 | 65.590 | 65.658 | 0.068 | 18.0  | 0.077 | 0.000 | 18.0  | 37.816  | OK         |
| S16.2.2      | FEH2022: 100 years: +20 %: 120 mins: Summer | 67.815 | 65.930 | 65.996 | 0.066 | 14.3  | 0.074 | 0.000 | 14.2  | 29.987  | OK         |
| S16.2.3      | FEH2022: 100 years: +20 %: 120 mins: Summer | 68.030 | 66.095 | 66.147 | 0.052 | 8.8   | 0.059 | 0.000 | 8.8   | 18.623  | OK         |
| S16.2.4      | FEH2022: 100 years: +20 %: 120 mins: Summer | 68.020 | 66.595 | 66.630 | 0.035 | 4.3   | 0.040 | 0.000 | 4.3   | 9.156   | OK         |

|                                                                              |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                              |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|                     |                                                   |            |            |        |       |       |       |       |       |         |    |
|---------------------|---------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|---------|----|
| S16.3.0             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 66.74<br>0 | 65.32<br>5 | 65.468 | 0.143 | 42.1  | 0.162 | 0.000 | 42.2  | 88.836  | OK |
| S16.4.0             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 67.04<br>0 | 65.61<br>5 | 65.688 | 0.073 | 12.3  | 0.083 | 0.000 | 12.3  | 25.901  | OK |
| S16.5.0             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 65.72<br>0 | 62.49<br>0 | 62.730 | 0.240 | 104.6 | 0.272 | 0.000 | 101.6 | 312.867 | OK |
| S16.6.0             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 65.16<br>5 | 62.61<br>5 | 62.835 | 0.220 | 79.6  | 0.249 | 0.000 | 79.6  | 260.525 | OK |
| S16.7.0             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 64.95<br>0 | 62.66<br>5 | 62.876 | 0.211 | 62.4  | 0.239 | 0.000 | 62.3  | 224.614 | OK |
| S16.7.1             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 64.51<br>0 | 63.01<br>0 | 63.109 | 0.099 | 29.5  | 0.112 | 0.000 | 29.5  | 62.139  | OK |
| S16.8.0             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 65.72<br>5 | 63.83<br>5 | 63.885 | 0.050 | 20.1  | 0.057 | 0.000 | 20.0  | 135.261 | OK |
| S16.10.0            | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 68.88<br>5 | 67.38<br>5 | 67.476 | 0.091 | 52.2  | 0.103 | 0.000 | 52.2  | 109.752 | OK |
| S16.11.0            | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 70.13<br>0 | 68.54<br>5 | 68.633 | 0.088 | 38.8  | 0.100 | 0.000 | 38.8  | 81.762  | OK |
| S16.11.1            | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 70.15<br>0 | 68.77<br>0 | 68.823 | 0.053 | 6.4   | 0.060 | 0.000 | 6.4   | 13.528  | OK |
| S16.11.2            | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 70.29<br>5 | 68.87<br>0 | 68.900 | 0.030 | 1.7   | 0.034 | 0.000 | 1.7   | 3.624   | OK |
| S16.12.0            | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 70.41<br>0 | 68.98<br>5 | 69.045 | 0.060 | 12.1  | 0.067 | 0.000 | 12.1  | 25.506  | OK |
| S16.13.0            | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 70.99<br>5 | 69.57<br>0 | 69.600 | 0.030 | 3.7   | 0.034 | 0.000 | 3.7   | 7.782   | OK |
| S17.0.0             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 68.22<br>5 | 65.21<br>0 | 65.372 | 0.162 | 188.8 | 0.183 | 0.000 | 188.8 | 397.757 | OK |
| S18.0.0             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 69.85<br>5 | 67.05<br>0 | 67.203 | 0.153 | 152.3 | 0.173 | 0.000 | 152.3 | 320.894 | OK |
| S18.0.1             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 70.27<br>0 | 68.17<br>5 | 68.278 | 0.103 | 45.4  | 0.116 | 0.000 | 45.4  | 95.600  | OK |
| S18.0.2             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 70.60<br>0 | 69.17<br>5 | 69.238 | 0.063 | 16.8  | 0.071 | 0.000 | 16.8  | 35.424  | OK |
| S19.0.0             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 70.96<br>0 | 68.41<br>0 | 68.520 | 0.110 | 77.1  | 0.124 | 0.000 | 77.1  | 162.338 | OK |
| S20.0.0             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 71.62<br>0 | 70.12<br>0 | 70.214 | 0.094 | 54.1  | 0.106 | 0.000 | 54.1  | 114.038 | OK |
| S21.0.0             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 72.77<br>5 | 70.77<br>5 | 70.905 | 0.130 | 47.9  | 0.147 | 0.000 | 47.9  | 100.950 | OK |
| S22.0.0             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 74.34<br>0 | 72.11<br>5 | 72.201 | 0.086 | 25.7  | 0.098 | 0.000 | 25.7  | 54.108  | OK |
| S23.0.0             | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 74.01<br>5 | 72.59<br>0 | 72.640 | 0.050 | 7.4   | 0.057 | 0.000 | 7.4   | 15.546  | OK |
| HW24.0<br>(Outfall) | FEH2022: 100<br>years: +20 %: 480<br>mins: Winter | 55.03<br>0 | 53.57<br>0 | 53.614 | 0.044 | 6.1   | 0.000 | 0.000 | 6.1   | 152.813 | OK |

|                                                                              |  |  |  |                     |             |              |                                                                                     |  |  |  |
|------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase             |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |
|                                                                              |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |
|                                                                              |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |

|                 |                                                   |            |            |        |       |      |       |       |      |         |            |
|-----------------|---------------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|---------|------------|
| S24.0.0         | FEH2022: 100<br>years: +20 %: 360<br>mins: Summer | 55.14<br>0 | 53.62<br>0 | 53.668 | 0.048 | 6.1  | 0.054 | 0.000 | 6.1  | 126.261 | OK         |
| S24.1.0<br>(FC) | FEH2022: 100<br>years: +20 %: 960<br>mins: Winter | 55.77<br>0 | 53.78<br>0 | 55.038 | 1.258 | 6.2  | 1.423 | 0.000 | 6.1  | 236.618 | Surcharged |
| S24.2.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Winter | 56.09<br>0 | 53.85<br>0 | 54.865 | 1.015 | 62.3 | 1.148 | 0.000 | 6.1  | 200.769 | Surcharged |
| S24.3.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 57.67<br>5 | 55.16<br>5 | 55.274 | 0.109 | 52.3 | 0.123 | 0.000 | 52.2 | 109.618 | OK         |
| S24.4.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 57.90<br>5 | 55.28<br>0 | 55.420 | 0.140 | 46.9 | 0.159 | 0.000 | 46.9 | 98.710  | OK         |
| S24.8.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 57.39<br>0 | 55.71<br>0 | 55.820 | 0.110 | 18.6 | 0.124 | 0.000 | 18.6 | 39.103  | OK         |
| S24.9.0         | FEH2022: 100<br>years: +20 %: 120<br>mins: Summer | 56.96<br>0 | 55.83<br>5 | 55.933 | 0.098 | 15.2 | 0.111 | 0.000 | 15.2 | 31.934  | OK         |
| S16.9.0<br>(FC) | FEH2022: 100<br>years: +20 %: 180<br>mins: Winter | 66.59<br>0 | 64.52<br>0 | 65.731 | 1.211 | 54.6 | 1.370 | 0.000 | 10.0 | 329.084 | Surcharged |



|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Stormwater Controls Summary<br>Storm Phase: Phase   | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |



**FEH2022: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By:  
Max. Resident Volume**

| Stormwater Control | Storm Event                                | Max. US Level (m) | Max. DS Level (m) | Max. US Depth (m) | Max. DS Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Total Lost Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Percentage Available (%) | Status |
|--------------------|--------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|--------------------------|------------------------|--------------------|-----------------------------|--------------------------|--------|
| Pond 2a            | FEH2022: 2 years: +0 %: 960 mins: Winter   | 55.179            | 55.179            | 1.169             | 1.169             | 121.3             | 2091.198                  | 0.000                    | 0.000                  | 38.3               | 1547.173                    | 50.821                   | OK     |
| Pond 2c            | FEH2022: 2 years: +0 %: 120 mins: Summer   | 61.489            | 61.489            | 0.439             | 0.439             | 31.5              | 30.269                    | 0.000                    | 0.000                  | 9.8                | 66.475                      | 82.710                   | OK     |
| Pond 2b            | FEH2022: 2 years: +0 %: 180 mins: Summer   | 62.588            | 62.588            | 0.388             | 0.388             | 60.4              | 96.198                    | 0.000                    | 0.000                  | 12.3               | 180.196                     | 78.369                   | OK     |
| CRATES C12         | FEH2022: 2 years: +0 %: 10080 mins: Summer | 54.442            | 54.442            | 0.557             | 0.557             | 1.6               | 116.507                   | 0.000                    | 0.000                  | 0.5                | 140.557                     | 53.695                   | OK     |
| Pond 2d            | FEH2022: 2 years: +0 %: 120 mins: Summer   | 61.069            | 61.069            | 0.569             | 0.569             | 119.3             | 112.982                   | 0.000                    | 0.000                  | 49.1               | 121.215                     | 84.264                   | OK     |
| CRATES C13         | FEH2022: 2 years: +0 %: 240 mins: Summer   | 64.828            | 64.828            | 0.288             | 0.288             | 16.7              | 44.357                    | 0.000                    | 0.000                  | 5.7                | 45.087                      | 76.087                   | OK     |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Stormwater Controls Summary<br>Storm Phase: Phase   | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |



**FEH2022: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By:  
Max. Resident Volume**

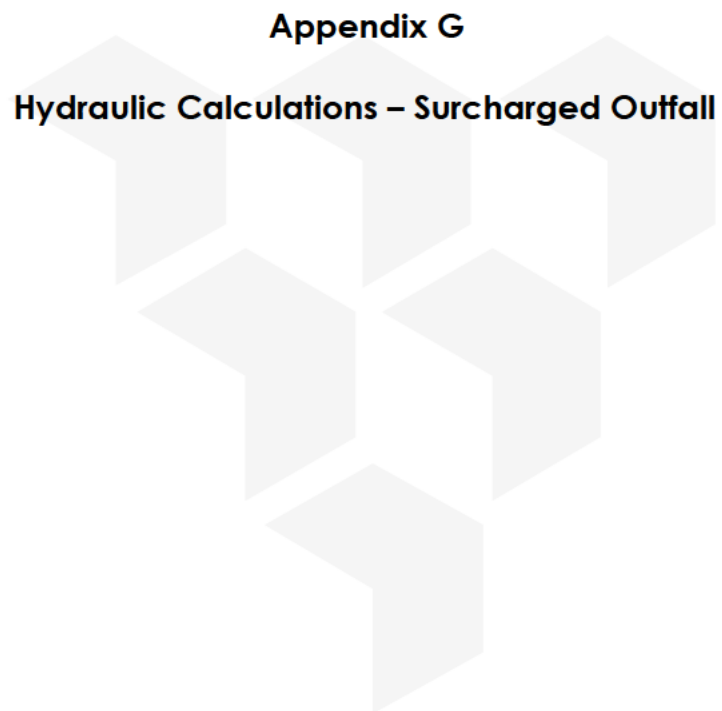
| Stormwater Control | Storm Event                                | Max. US Level (m) | Max. DS Level (m) | Max. US Depth (m) | Max. DS Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Total Lost Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Percentage Available (%) | Status |
|--------------------|--------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|--------------------------|------------------------|--------------------|-----------------------------|--------------------------|--------|
| Pond 2a            | FEH2022: 30 years: +0 %: 960 mins: Winter  | 55.501            | 55.501            | 1.491             | 1.491             | 197.8             | 3168.468                  | 0.000                    | 0.000                  | 72.3               | 3101.441                    | 25.487                   | OK     |
| Pond 2c            | FEH2022: 30 years: +0 %: 120 mins: Summer  | 61.890            | 61.890            | 0.840             | 0.840             | 66.0              | 90.828                    | 0.000                    | 0.000                  | 9.9                | 112.964                     | 48.118                   | OK     |
| Pond 2b            | FEH2022: 30 years: +0 %: 180 mins: Winter  | 62.969            | 62.969            | 0.769             | 0.769             | 80.0              | 262.067                   | 0.000                    | 0.000                  | 11.8               | 181.612                     | 41.071                   | OK     |
| CRATES C12         | FEH2022: 30 years: +0 %: 1440 mins: Winter | 54.751            | 54.751            | 0.867             | 0.867             | 7.3               | 181.099                   | 0.000                    | 0.000                  | 1.0                | 74.671                      | 28.024                   | OK     |
| Pond 2d            | FEH2022: 30 years: +0 %: 120 mins: Winter  | 61.530            | 61.530            | 1.030             | 1.030             | 210.0             | 382.909                   | 0.000                    | 0.000                  | 62.9               | 390.292                     | 46.669                   | OK     |
| CRATES C13         | FEH2022: 30 years: +0 %: 180 mins: Summer  | 65.224            | 65.224            | 0.684             | 0.684             | 48.3              | 105.200                   | 0.000                    | 0.000                  | 9.8                | 95.635                      | 43.286                   | OK     |

|                                                                              |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model | Date:<br>29/06/2026        |                            |                             |  |
|                                                                              | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
| Report Details:<br>Type: Stormwater Controls Summary<br>Storm Phase: Phase   | Revision:<br>Rev 1         |                            |                             |                                                                                     |
|                                                                              |                            |                            |                             |                                                                                     |



**FEH2022: 100 years: Increase Rainfall (%): +20: Critical Storm Per Item: Rank By:  
Max. Resident Volume**

| Stormwater Control | Storm Event                                  | Max. US Level (m) | Max. DS Level (m) | Max. US Depth (m) | Max. DS Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Total Lost Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Percentage Available (%) | Status |
|--------------------|----------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|--------------------------|------------------------|--------------------|-----------------------------|--------------------------|--------|
| Pond 2a            | FEH2022: 100 years: +20 %: 1440 mins: Summer | 55.791            | 55.791            | 1.781             | 1.781             | 282.9             | 4217.918                  | 0.000                    | 0.000                  | 127.8              | 6836.257                    | 0.807                    | OK     |
| Pond 2c            | FEH2022: 100 years: +20 %: 120 mins: Summer  | 62.245            | 62.245            | 1.195             | 1.195             | 116.4             | 173.810                   | 0.000                    | 0.000                  | 9.9                | 108.552                     | 0.717                    | OK     |
| Pond 2b            | FEH2022: 100 years: +20 %: 240 mins: Winter  | 63.293            | 63.293            | 1.093             | 1.093             | 96.8              | 440.322                   | 0.000                    | 0.000                  | 12.3               | 255.675                     | 0.989                    | OK     |
| CRATES C12         | FEH2022: 100 years: +20 %: 1440 mins: Summer | 55.061            | 55.061            | 1.176             | 1.176             | 18.2              | 245.866                   | 0.000                    | 0.000                  | 4.4                | 145.196                     | 2.283                    | OK     |
| Pond 2d            | FEH2022: 100 years: +20 %: 120 mins: Winter  | 61.883            | 61.883            | 1.383             | 1.383             | 328.2             | 699.852                   | 0.000                    | 0.000                  | 69.6               | 486.543                     | 2.525                    | OK     |
| CRATES C13         | FEH2022: 100 years: +20 %: 180 mins: Winter  | 65.731            | 65.731            | 1.191             | 1.191             | 51.3              | 183.341                   | 0.000                    | 0.000                  | 9.8                | 96.531                      | 1.159                    | OK     |



## **Appendix G**

### **Hydraulic Calculations – Surcharged Outfall**

|                                                                                                             |                                                                               |                                   |                                    |                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------------------------------------------------------|
| <b>Project:</b><br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) | <b>Date:</b><br>29/06/2026                                                    |                                   |                                    |  |
|                                                                                                             | <b>Designed by:</b><br>J. Dunesby                                             | <b>Checked by:</b><br>W. Nienaber | <b>Approved By:</b><br>W. Nienaber |                                                                                     |
|                                                                                                             | <b>Report Details:</b><br>Type: Network Design Criteria<br>Storm Phase: Phase |                                   |                                    |                                                                                     |
| <b>Revision:</b><br>Rev 1                                                                                   |                                                                               |                                   |                                    |                                                                                     |

### Flow Options

|                           |                               |
|---------------------------|-------------------------------|
| Peak Flow Calculation     | (UK) Modified Rational Method |
| Min. Time of Entry (mins) | 5                             |
| Max. Travel Time (mins)   | 30                            |

### Pipe Options

|                       |                          |
|-----------------------|--------------------------|
| Lock Slope Options    | None                     |
| Design Options        | Minimise Excavation      |
| Design Level          | Level Soffits            |
| Min. Cover Depth (m)  | 1.200                    |
| Min. Slope (1:X)      | 500.00                   |
| Max. Slope (1:X)      | 40.00                    |
| Min. Velocity (m/s)   | 1.0                      |
| Max. Velocity (m/s)   | 3.0                      |
| Use Flow Restriction  | <input type="checkbox"/> |
| Reduce Channel Depths | <input type="checkbox"/> |

### Manhole Options

|              |                          |
|--------------|--------------------------|
| Apply Offset | <input type="checkbox"/> |
|--------------|--------------------------|

|                                                                                                      |                            |                            |                             |
|------------------------------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) | Date:<br>29/06/2026        |                            |                             |
|                                                                                                      | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Outfall Details<br>Storm Phase: Phase                                       | Revision:<br>Rev 1         |                            |                             |



## Outfalls

| Outfall                                                       | Outfall Type           | Gated                    | Fixed Surcharged Level (m) | Level Curve |
|---------------------------------------------------------------|------------------------|--------------------------|----------------------------|-------------|
| HW 2.1                                                        | Fixed Surcharged Level | <input type="checkbox"/> | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 120 mins: Summer   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 120 mins: Winter   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 180 mins: Summer   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 180 mins: Winter   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 240 mins: Summer   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 240 mins: Winter   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 360 mins: Summer   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 360 mins: Winter   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 480 mins: Summer   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 480 mins: Winter   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 600 mins: Summer   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 600 mins: Winter   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 720 mins: Summer   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 720 mins: Winter   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 960 mins: Summer   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 960 mins: Winter   |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 1440 mins: Summer  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 1440 mins: Winter  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 2160 mins: Summer  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 2160 mins: Winter  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 2880 mins: Summer  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 2880 mins: Winter  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 4320 mins: Summer  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 4320 mins: Winter  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 5760 mins: Summer  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 5760 mins: Winter  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 7200 mins: Summer  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 7200 mins: Winter  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 8640 mins: Summer  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 8640 mins: Winter  |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 10080 mins: Summer |                        |                          | 54.698                     |             |
| FEH2022 (100yrCC only) : 100 years: +20 %: 10080 mins: Winter |                        |                          | 54.698                     |             |

|                                                                                                      |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) |  | Date:<br>29/06/2026        |                            |  |                             |
| Report Details:<br>Type: Outfall Details<br>Storm Phase: Phase                                       |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
|                                                                                                      |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

|                                                               |                        |                          |        |
|---------------------------------------------------------------|------------------------|--------------------------|--------|
| HW24.0 (Outfall)                                              | Fixed Surcharged Level | <input type="checkbox"/> | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 120 mins: Summer   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 120 mins: Winter   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 180 mins: Summer   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 180 mins: Winter   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 240 mins: Summer   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 240 mins: Winter   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 360 mins: Summer   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 360 mins: Winter   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 480 mins: Summer   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 480 mins: Winter   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 600 mins: Summer   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 600 mins: Winter   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 720 mins: Summer   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 720 mins: Winter   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 960 mins: Summer   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 960 mins: Winter   |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 1440 mins: Summer  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 1440 mins: Winter  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 2160 mins: Summer  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 2160 mins: Winter  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 2880 mins: Summer  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 2880 mins: Winter  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 4320 mins: Summer  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 4320 mins: Winter  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 5760 mins: Summer  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 5760 mins: Winter  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 7200 mins: Summer  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 7200 mins: Winter  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 8640 mins: Summer  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 8640 mins: Winter  |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 10080 mins: Summer |                        |                          | 54.237 |
| FEH2022 (100yrCC only) : 100 years: +20 %: 10080 mins: Winter |                        |                          | 54.237 |

|                                                                                                      |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) |  | Date:<br>29/06/2026        |                            |  |                             |
| Report Title:<br>Rainfall Analysis Criteria                                                          |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
|                                                                                                      |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |

|                                 |                          |
|---------------------------------|--------------------------|
| Runoff Type                     | Dynamic                  |
| Output Interval (mins)          | 5                        |
| Time Step                       | Shortest                 |
| Urban Creep                     | Use Catchment Values     |
| Junction Flood Risk Margin (mm) | 300                      |
| Perform No Discharge Analysis   | <input type="checkbox"/> |

### Rainfall

|                        |                                     |           |
|------------------------|-------------------------------------|-----------|
| FEH2022 (100yrCC only) |                                     | Type: FEH |
| Site Location          | GB 519000 133350 TQ 19000 33350     |           |
| Rainfall Version       | 2022                                |           |
| Summer                 | <input checked="" type="checkbox"/> |           |
| Winter                 | <input checked="" type="checkbox"/> |           |

### Return Period

| Return Period (years) | Increase Rainfall (%) |
|-----------------------|-----------------------|
| 100.0                 | 20.000                |

### Storm Durations

| Duration (mins) | Run Time (mins) |
|-----------------|-----------------|
| 120             | 240             |
| 180             | 360             |
| 240             | 480             |
| 360             | 720             |
| 480             | 960             |
| 600             | 1200            |
| 720             | 1440            |
| 960             | 1920            |
| 1440            | 2880            |
| 2160            | 4320            |
| 2880            | 5760            |
| 4320            | 8640            |
| 5760            | 11520           |
| 7200            | 14400           |
| 8640            | 17280           |
| 10080           | 20160           |



|                                                                                                      |                            |                            |                             |
|------------------------------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) | Date:<br>29/06/2026        |                            |                             |
|                                                                                                      | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                     | Revision:<br>Rev 1         |                            |                             |



**FEH2022 (100yrCC only): 100 years: Increase Rainfall (%): +20: Critical Storm Per Item: Rank By: Max. Resident Volume**

| Junction | Storm Event                                                 | Cover Level (m) | Invert Level (m) | Max. Level (m) | Max. Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Status     |
|----------|-------------------------------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|------------|
| S2.2.0   | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 56.315          | 54.290           | 55.849         | 1.559          | 279.7             | 7.053                     | 0.000                    | 279.5              | 8316.831                    | Surcharged |
| S2.1.1   | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 56.350          | 53.990           | 55.844         | 1.854          | 137.5             | 8.388                     | 0.000                    | 133.5              | 7236.747                    | Surcharged |
| HW 2.1   | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 54.700          | 53.910           | 54.698         | 0.788          | 71.0              | 0.000                     | 0.000                    | 71.0               | 584.935                     | Flood Risk |
| S2.1.0   | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 54.830          | 53.930           | 54.725         | 0.795          | 133.5             | 1.405                     | 0.000                    | 133.5              | 7232.043                    | Flood Risk |
| S2.3.0   | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 56.500          | 54.600           | 55.847         | 1.247          | 4.2               | 1.410                     | 0.000                    | 4.2                | 93.359                      | Surcharged |
| S2.1.3   | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 56.000          | 54.665           | 55.844         | 1.179          | 1.2               | 1.334                     | 0.000                    | 2.2                | 5.164                       | Flood Risk |
| S2.1.2   | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 55.830          | 54.590           | 55.844         | 1.254          | 6.1               | 15.474                    | 14.071                   | 9.3                | 68.104                      | Flood      |
| S2.4.0   | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 56.490          | 54.625           | 55.847         | 1.222          | 4.3               | 1.382                     | 0.000                    | 4.2                | 94.222                      | Surcharged |
| S2.5.0   | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 56.800          | 54.940           | 55.847         | 0.907          | 0.6               | 1.026                     | 0.000                    | 0.5                | 12.346                      | Surcharged |
| S5.0.0   | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 56.680          | 54.580           | 55.857         | 1.277          | 268.4             | 1.444                     | 0.000                    | 268.3              | 8077.904                    | Surcharged |
| S4.0.0   | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 56.165          | 54.310           | 55.851         | 1.541          | 279.8             | 1.743                     | 0.000                    | 279.7              | 8323.842                    | Surcharged |
| S4.1.0   | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 56.590          | 54.875           | 55.851         | 0.976          | 8.7               | 1.104                     | 0.000                    | 8.7                | 192.525                     | Surcharged |
| S4.1.1   | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 57.240          | 56.115           | 56.154         | 0.039          | 6.8               | 0.044                     | 0.000                    | 6.8                | 14.227                      | OK         |
| S4.2.0   | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 55.980          | 54.995           | 55.851         | 0.856          | 1.6               | 0.968                     | 0.000                    | 1.5                | 35.271                      | Flood Risk |
| S6.0.0   | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 57.075          | 54.725           | 55.962         | 1.237          | 1080.9            | 1.399                     | 0.000                    | 1079.8             | 3491.402                    | Surcharged |

|                                                                                                      |  |  |  |                     |             |              |                                                                                     |  |  |  |
|------------------------------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                     |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |
|                                                                                                      |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |
|                                                                                                      |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |

|         |                                                             |        |        |        |       |        |       |       |        |          |            |
|---------|-------------------------------------------------------------|--------|--------|--------|-------|--------|-------|-------|--------|----------|------------|
| S7.0.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 57.350 | 54.825 | 56.218 | 1.393 | 1061.5 | 1.575 | 0.000 | 1060.4 | 3457.464 | Surcharged |
| S8.0.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 57.660 | 54.940 | 56.481 | 1.541 | 1050.9 | 1.743 | 0.000 | 1049.6 | 3440.232 | Surcharged |
| S9.0.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 57.885 | 55.005 | 56.709 | 1.704 | 1044.0 | 1.927 | 0.000 | 1042.4 | 3429.089 | Surcharged |
| S9.0.1  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 57.705 | 55.675 | 56.745 | 1.070 | 29.8   | 1.210 | 0.000 | 28.2   | 65.985   | Surcharged |
| S9.0.2  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 56.915 | 55.975 | 56.748 | 0.773 | 5.6    | 0.874 | 0.000 | 5.7    | 11.913   | Flood Risk |
| S9.1.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 58.055 | 55.270 | 56.776 | 1.506 | 482.7  | 1.703 | 0.000 | 481.3  | 1079.893 | Surcharged |
| S9.2.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 58.050 | 55.385 | 56.857 | 1.472 | 473.7  | 1.664 | 0.000 | 472.1  | 1058.671 | Surcharged |
| S9.3.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 57.600 | 55.790 | 57.093 | 1.303 | 444.8  | 1.473 | 0.000 | 442.8  | 994.663  | Surcharged |
| S9.4.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 58.060 | 56.120 | 57.291 | 1.171 | 406.9  | 1.325 | 0.000 | 404.8  | 910.229  | Surcharged |
| S24.6.0 | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 58.080 | 55.465 | 55.773 | 0.308 | 3.3    | 0.349 | 0.000 | 3.3    | 71.680   | Surcharged |
| S24.7.0 | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 57.970 | 55.605 | 55.773 | 0.168 | 3.3    | 0.191 | 0.000 | 3.3    | 71.671   | OK         |
| S24.5.0 | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 58.190 | 55.340 | 55.773 | 0.433 | 7.4    | 0.490 | 0.000 | 7.4    | 162.446  | Surcharged |
| S9.5.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 58.290 | 56.280 | 57.444 | 1.164 | 405.7  | 1.317 | 0.000 | 403.4  | 902.659  | Surcharged |
| S9.6.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 59.900 | 56.760 | 57.817 | 1.057 | 372.5  | 1.195 | 0.000 | 369.5  | 826.147  | Surcharged |
| S9.6.1  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 59.740 | 58.315 | 58.342 | 0.027 | 5.6    | 0.031 | 0.000 | 5.6    | 11.909   | OK         |
| S9.7.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 59.575 | 57.545 | 58.248 | 0.703 | 361.6  | 0.795 | 0.000 | 357.8  | 795.074  | Surcharged |
| S9.7.1  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 59.645 | 58.000 | 58.258 | 0.258 | 17.4   | 0.292 | 0.000 | 17.1   | 36.516   | Surcharged |

|                                                                                                      |  |  |  |                     |             |              |                                                                                     |  |  |  |
|------------------------------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                     |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |
|                                                                                                      |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |
|                                                                                                      |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |

|         |                                                            |            |            |        |       |       |       |       |       |         |            |
|---------|------------------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|---------|------------|
| S9.7.2  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 59.47<br>5 | 58.35<br>0 | 58.402 | 0.052 | 9.1   | 0.059 | 0.000 | 9.1   | 19.188  | OK         |
| S9.8.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 59.69<br>0 | 57.81<br>0 | 58.475 | 0.665 | 351.4 | 0.752 | 0.000 | 342.6 | 745.173 | Surcharged |
| S9.9.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 60.95<br>5 | 58.96<br>0 | 59.223 | 0.263 | 303.5 | 0.297 | 0.000 | 302.9 | 642.700 | OK         |
| S9.10.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 61.16<br>5 | 58.99<br>5 | 59.407 | 0.412 | 297.9 | 0.466 | 0.000 | 297.5 | 629.780 | OK         |
| S9.10.1 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 61.31<br>5 | 59.52<br>5 | 59.571 | 0.046 | 14.9  | 0.052 | 0.000 | 14.9  | 31.399  | OK         |
| S9.10.2 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 61.41<br>0 | 60.28<br>5 | 60.326 | 0.041 | 7.3   | 0.047 | 0.000 | 7.3   | 15.312  | OK         |
| S9.11.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 61.38<br>5 | 59.04<br>0 | 59.595 | 0.555 | 274.8 | 0.628 | 0.000 | 274.7 | 581.056 | Surcharged |
| S9.12.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 61.72<br>5 | 59.16<br>0 | 59.852 | 0.692 | 249.4 | 0.782 | 0.000 | 249.2 | 527.119 | Surcharged |
| S9.12.1 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 62.84<br>0 | 60.65<br>0 | 60.755 | 0.105 | 48.9  | 0.119 | 0.000 | 48.9  | 103.048 | OK         |
| S9.12.2 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 63.14<br>5 | 61.06<br>5 | 61.155 | 0.090 | 26.9  | 0.102 | 0.000 | 26.9  | 56.633  | OK         |
| S9.12.3 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 63.22<br>0 | 61.40<br>0 | 61.488 | 0.088 | 22.9  | 0.100 | 0.000 | 22.9  | 48.276  | OK         |
| S9.12.4 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 63.10<br>0 | 61.64<br>5 | 61.715 | 0.070 | 15.1  | 0.079 | 0.000 | 15.1  | 31.769  | OK         |
| S9.12.5 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 62.91<br>0 | 61.78<br>5 | 61.861 | 0.076 | 10.3  | 0.086 | 0.000 | 10.3  | 21.679  | OK         |
| S9.12.6 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 62.94<br>0 | 61.41<br>0 | 61.452 | 0.042 | 9.7   | 0.048 | 0.000 | 9.7   | 20.365  | OK         |
| S9.12.7 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 63.08<br>5 | 61.96<br>0 | 61.991 | 0.031 | 4.7   | 0.035 | 0.000 | 4.7   | 9.834   | OK         |
| S9.13.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 61.66<br>0 | 59.32<br>5 | 59.933 | 0.608 | 172.3 | 0.688 | 0.000 | 172.2 | 364.422 | Surcharged |
| S9.14.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 61.44<br>0 | 59.42<br>5 | 60.008 | 0.583 | 157.4 | 0.659 | 0.000 | 157.2 | 332.523 | Surcharged |

|                                                                                                      |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|------------------------------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                     |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                                                      |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                                                      |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|         |                                                            |            |            |        |       |       |       |       |       |          |            |
|---------|------------------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|----------|------------|
| S9.15.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 61.28<br>5 | 59.49<br>5 | 60.050 | 0.555 | 132.5 | 0.627 | 0.000 | 132.3 | 279.772  | Surcharged |
| S9.16.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 61.25<br>5 | 59.60<br>5 | 60.080 | 0.475 | 95.9  | 0.537 | 0.000 | 95.7  | 202.145  | Surcharged |
| S9.16.1 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 62.57<br>0 | 61.14<br>5 | 61.215 | 0.070 | 24.3  | 0.079 | 0.000 | 24.3  | 51.067   | OK         |
| S9.16.2 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 62.86<br>5 | 61.48<br>5 | 61.548 | 0.063 | 13.2  | 0.071 | 0.000 | 13.2  | 27.827   | OK         |
| S9.16.3 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 63.14<br>0 | 61.75<br>5 | 61.804 | 0.049 | 8.5   | 0.056 | 0.000 | 8.5   | 17.933   | OK         |
| S9.16.4 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 63.26<br>0 | 62.13<br>5 | 62.181 | 0.046 | 7.3   | 0.052 | 0.000 | 7.3   | 15.355   | OK         |
| S9.17.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 61.89<br>0 | 60.10<br>5 | 60.167 | 0.062 | 9.8   | 0.070 | 0.000 | 9.7   | 20.548   | OK         |
| S10.0.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 59.76<br>5 | 56.47<br>0 | 57.064 | 0.594 | 486.1 | 0.672 | 0.000 | 470.2 | 2162.282 | OK         |
| S10.0.1 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 59.86<br>5 | 56.97<br>0 | 57.109 | 0.139 | 88.0  | 0.157 | 0.000 | 83.4  | 183.906  | OK         |
| S10.0.2 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 59.28<br>5 | 57.60<br>5 | 57.805 | 0.200 | 77.0  | 0.226 | 0.000 | 77.7  | 162.279  | OK         |
| S10.0.3 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 59.24<br>0 | 57.78<br>0 | 58.052 | 0.272 | 70.2  | 0.308 | 0.000 | 70.2  | 147.919  | Surcharged |
| S10.0.4 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 59.59<br>5 | 58.17<br>5 | 58.312 | 0.137 | 35.8  | 0.155 | 0.000 | 35.8  | 75.384   | OK         |
| S10.0.5 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 59.76<br>0 | 58.33<br>5 | 58.436 | 0.101 | 19.2  | 0.114 | 0.000 | 19.2  | 40.538   | OK         |
| S10.1.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 59.18<br>5 | 57.04<br>0 | 57.921 | 0.881 | 130.9 | 0.997 | 0.000 | 128.6 | 279.604  | Surcharged |
| S10.1.1 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 58.73<br>0 | 57.30<br>5 | 57.932 | 0.627 | 10.6  | 0.709 | 0.000 | 12.9  | 22.449   | Surcharged |
| S10.2.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 60.99<br>0 | 58.51<br>5 | 58.632 | 0.117 | 52.8  | 0.132 | 0.000 | 52.8  | 111.192  | OK         |
| S10.2.1 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 60.23<br>0 | 58.80<br>5 | 58.903 | 0.098 | 18.8  | 0.111 | 0.000 | 18.8  | 39.579   | OK         |

|                                                                                                      |  |  |                            |                            |                             |                                                                                     |
|------------------------------------------------------------------------------------------------------|--|--|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) |  |  | Date:<br>29/06/2026        |                            |                             |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                     |  |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |
|                                                                                                      |  |  | Revision:<br>Rev 1         |                            |                             |                                                                                     |

|              |                                                            |            |            |        |       |       |       |       |       |          |            |
|--------------|------------------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|----------|------------|
| S10.3.0      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 61.44<br>5 | 60.02<br>0 | 60.066 | 0.046 | 9.3   | 0.052 | 0.000 | 9.3   | 19.677   | OK         |
| S11.0.0      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 60.80<br>5 | 57.01<br>0 | 57.246 | 0.236 | 253.3 | 0.267 | 0.000 | 254.1 | 1657.548 | OK         |
| S11.0.1      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 60.25<br>0 | 58.82<br>5 | 58.872 | 0.047 | 12.3  | 0.053 | 0.000 | 12.3  | 25.977   | OK         |
| S12.0.0      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 61.66<br>0 | 57.57<br>0 | 57.765 | 0.195 | 176.0 | 0.220 | 0.000 | 175.8 | 1496.541 | OK         |
| S13.0.0      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 62.26<br>5 | 58.28<br>0 | 58.463 | 0.183 | 159.7 | 0.207 | 0.000 | 159.5 | 1464.042 | OK         |
| S13.0.1      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 62.51<br>5 | 58.92<br>5 | 59.067 | 0.142 | 46.2  | 0.161 | 0.000 | 46.2  | 97.391   | OK         |
| S13.0.2      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 62.30<br>5 | 59.02<br>0 | 59.191 | 0.171 | 37.0  | 0.193 | 0.000 | 37.0  | 77.994   | OK         |
| S13.0.3      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 60.76<br>5 | 59.34<br>0 | 59.477 | 0.137 | 28.8  | 0.155 | 0.000 | 28.8  | 60.853   | OK         |
| S14.0.0 (FC) | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Winter | 62.39<br>5 | 58.82<br>0 | 61.883 | 3.063 | 401.8 | 3.464 | 0.000 | 102.3 | 1969.646 | Surcharged |
| S15.0.0      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 63.60<br>0 | 60.53<br>0 | 62.332 | 1.802 | 508.5 | 2.038 | 0.000 | 507.8 | 1430.839 | Surcharged |
| S15.0.1      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 63.28<br>0 | 60.79<br>0 | 62.335 | 1.545 | 28.7  | 1.748 | 0.000 | 22.8  | 176.997  | Surcharged |
| S15.0.2 (FC) | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 62.57<br>5 | 60.95<br>5 | 62.245 | 1.290 | 23.4  | 1.459 | 0.000 | 10.0  | 142.150  | Surcharged |
| S15.0.3      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 63.12<br>0 | 61.54<br>5 | 62.246 | 0.701 | 96.0  | 0.793 | 0.000 | 93.6  | 197.929  | Surcharged |
| S15.0.4      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 65.07<br>5 | 63.57<br>5 | 63.686 | 0.111 | 57.4  | 0.126 | 0.000 | 57.4  | 120.591  | OK         |
| S15.0.5      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 65.50<br>0 | 64.00<br>0 | 64.106 | 0.106 | 52.5  | 0.120 | 0.000 | 52.5  | 110.508  | OK         |
| S15.0.6      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 66.18<br>0 | 64.68<br>0 | 64.769 | 0.089 | 44.3  | 0.101 | 0.000 | 44.3  | 93.239   | OK         |
| S15.0.7      | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 67.03<br>0 | 65.52<br>5 | 65.607 | 0.082 | 38.5  | 0.093 | 0.000 | 38.5  | 81.132   | OK         |

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|------------------------------------------------------------------------------------------------------|--|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) |  |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                     |  |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |
|                                                                                                      |  |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |
|                                                                                                      |  |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |

|                 |                                                            |            |            |        |       |       |       |       |       |         |            |
|-----------------|------------------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|---------|------------|
| S15.0.8         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 68.27<br>5 | 66.83<br>5 | 66.902 | 0.067 | 22.9  | 0.076 | 0.000 | 22.9  | 48.323  | OK         |
| S15.0.9         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 70.15<br>0 | 68.72<br>5 | 68.756 | 0.031 | 4.8   | 0.036 | 0.000 | 4.8   | 10.181  | OK         |
| S15.1.0         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 63.51<br>0 | 60.77<br>5 | 62.348 | 1.573 | 63.6  | 1.779 | 0.000 | 63.0  | 253.737 | Surcharged |
| S15.2.0         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 63.67<br>0 | 60.95<br>0 | 62.365 | 1.415 | 55.3  | 1.600 | 0.000 | 54.7  | 236.983 | Surcharged |
| S15.3.0         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 64.16<br>0 | 61.49<br>5 | 62.378 | 0.883 | 30.5  | 0.999 | 0.000 | 29.9  | 186.924 | Surcharged |
| S15.4.0         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 64.34<br>5 | 61.70<br>0 | 62.381 | 0.681 | 21.3  | 0.770 | 0.000 | 20.7  | 166.754 | Surcharged |
| S15.5.0<br>(FC) | FEH2022 (100yrCC only): 100 years: +20 %: 240 mins: Winter | 64.50<br>0 | 61.87<br>0 | 63.292 | 1.422 | 13.3  | 1.608 | 0.000 | 11.0  | 285.940 | Surcharged |
| S15.6.0         | FEH2022 (100yrCC only): 100 years: +20 %: 240 mins: Winter | 64.63<br>0 | 62.87<br>5 | 63.293 | 0.418 | 96.1  | 0.473 | 0.000 | 96.1  | 550.229 | Surcharged |
| S15.7.0         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 65.94<br>5 | 64.30<br>0 | 64.503 | 0.203 | 200.8 | 0.230 | 0.000 | 200.8 | 423.486 | OK         |
| S15.8.0         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 66.36<br>5 | 64.79<br>0 | 65.013 | 0.223 | 198.0 | 0.252 | 0.000 | 198.0 | 417.462 | OK         |
| S15.8.1         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 66.65<br>5 | 65.07<br>5 | 65.407 | 0.332 | 141.9 | 0.376 | 0.000 | 141.9 | 299.098 | Surcharged |
| S15.8.2         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 66.91<br>5 | 65.41<br>5 | 65.782 | 0.367 | 117.4 | 0.415 | 0.000 | 117.4 | 247.474 | Surcharged |
| S15.8.3         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 67.04<br>5 | 65.54<br>5 | 65.929 | 0.384 | 98.5  | 0.435 | 0.000 | 98.5  | 207.574 | Surcharged |
| S15.8.4         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 68.09<br>5 | 66.59<br>5 | 66.725 | 0.130 | 88.0  | 0.147 | 0.000 | 88.0  | 185.388 | OK         |
| S15.8.5         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 69.83<br>5 | 68.33<br>5 | 68.430 | 0.095 | 49.4  | 0.107 | 0.000 | 49.4  | 103.989 | OK         |
| S15.8.6         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 70.79<br>0 | 69.29<br>0 | 69.381 | 0.091 | 42.9  | 0.103 | 0.000 | 42.9  | 90.344  | OK         |
| S15.8.7         | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 71.32<br>0 | 69.89<br>5 | 69.944 | 0.049 | 6.3   | 0.055 | 0.000 | 6.3   | 13.304  | OK         |

|                                                                                                      |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|------------------------------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                     |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                                                      |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                                                      |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|          |                                                            |            |            |        |       |       |       |       |       |         |    |
|----------|------------------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|---------|----|
| S15.9.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 67.20<br>0 | 65.80<br>0 | 65.901 | 0.101 | 52.5  | 0.114 | 0.000 | 52.5  | 110.639 | OK |
| S15.10.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 67.87<br>5 | 66.45<br>0 | 66.567 | 0.117 | 52.5  | 0.132 | 0.000 | 52.5  | 110.640 | OK |
| S15.11.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 68.36<br>5 | 66.94<br>0 | 67.059 | 0.119 | 52.5  | 0.134 | 0.000 | 52.5  | 110.640 | OK |
| S15.12.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 71.43<br>5 | 69.95<br>0 | 70.021 | 0.071 | 25.2  | 0.080 | 0.000 | 25.2  | 53.122  | OK |
| S15.13.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 73.51<br>5 | 72.09<br>0 | 72.131 | 0.041 | 8.8   | 0.047 | 0.000 | 8.8   | 18.601  | OK |
| S16.0.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 65.85<br>5 | 62.37<br>5 | 62.709 | 0.334 | 399.4 | 0.378 | 0.000 | 388.8 | 939.303 | OK |
| S16.1.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 66.28<br>5 | 63.19<br>5 | 63.303 | 0.108 | 84.2  | 0.122 | 0.000 | 84.1  | 177.419 | OK |
| S16.2.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 66.62<br>5 | 65.12<br>5 | 65.226 | 0.101 | 67.8  | 0.114 | 0.000 | 67.9  | 142.923 | OK |
| S16.2.1  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 67.28<br>0 | 65.59<br>0 | 65.658 | 0.068 | 18.0  | 0.077 | 0.000 | 18.0  | 37.816  | OK |
| S16.2.2  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 67.81<br>5 | 65.93<br>0 | 65.996 | 0.066 | 14.3  | 0.074 | 0.000 | 14.2  | 29.987  | OK |
| S16.2.3  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 68.03<br>0 | 66.09<br>5 | 66.147 | 0.052 | 8.8   | 0.059 | 0.000 | 8.8   | 18.623  | OK |
| S16.2.4  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 68.02<br>0 | 66.59<br>5 | 66.630 | 0.035 | 4.3   | 0.040 | 0.000 | 4.3   | 9.156   | OK |
| S16.3.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 66.74<br>0 | 65.32<br>5 | 65.468 | 0.143 | 42.1  | 0.162 | 0.000 | 42.2  | 88.837  | OK |
| S16.4.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 67.04<br>0 | 65.61<br>5 | 65.688 | 0.073 | 12.3  | 0.083 | 0.000 | 12.3  | 25.901  | OK |
| S16.5.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 65.72<br>0 | 62.49<br>0 | 62.730 | 0.240 | 104.6 | 0.272 | 0.000 | 101.6 | 312.870 | OK |
| S16.6.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 65.16<br>5 | 62.61<br>5 | 62.835 | 0.220 | 79.6  | 0.249 | 0.000 | 79.6  | 260.527 | OK |
| S16.7.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 64.95<br>0 | 62.66<br>5 | 62.876 | 0.211 | 62.4  | 0.239 | 0.000 | 62.3  | 224.615 | OK |



|                                                                                                      |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|------------------------------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                     |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                                                      |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                                                      |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|          |                                                            |        |        |        |       |       |       |       |       |         |    |
|----------|------------------------------------------------------------|--------|--------|--------|-------|-------|-------|-------|-------|---------|----|
| S16.7.1  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 64.510 | 63.010 | 63.109 | 0.099 | 29.5  | 0.112 | 0.000 | 29.5  | 62.139  | OK |
| S16.8.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 65.725 | 63.835 | 63.885 | 0.050 | 20.1  | 0.057 | 0.000 | 20.0  | 135.262 | OK |
| S16.10.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 68.885 | 67.385 | 67.476 | 0.091 | 52.2  | 0.103 | 0.000 | 52.2  | 109.752 | OK |
| S16.11.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 70.130 | 68.545 | 68.633 | 0.088 | 38.8  | 0.100 | 0.000 | 38.8  | 81.763  | OK |
| S16.11.1 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 70.150 | 68.770 | 68.823 | 0.053 | 6.4   | 0.060 | 0.000 | 6.4   | 13.528  | OK |
| S16.11.2 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 70.295 | 68.870 | 68.900 | 0.030 | 1.7   | 0.034 | 0.000 | 1.7   | 3.624   | OK |
| S16.12.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 70.410 | 68.985 | 69.045 | 0.060 | 12.1  | 0.067 | 0.000 | 12.1  | 25.506  | OK |
| S16.13.0 | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 70.995 | 69.570 | 69.600 | 0.030 | 3.7   | 0.034 | 0.000 | 3.7   | 7.782   | OK |
| S17.0.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 68.225 | 65.210 | 65.372 | 0.162 | 188.8 | 0.183 | 0.000 | 188.8 | 397.760 | OK |
| S18.0.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 69.855 | 67.050 | 67.203 | 0.153 | 152.3 | 0.173 | 0.000 | 152.3 | 320.896 | OK |
| S18.0.1  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 70.270 | 68.175 | 68.278 | 0.103 | 45.4  | 0.116 | 0.000 | 45.4  | 95.601  | OK |
| S18.0.2  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 70.600 | 69.175 | 69.238 | 0.063 | 16.8  | 0.071 | 0.000 | 16.8  | 35.424  | OK |
| S19.0.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 70.960 | 68.410 | 68.520 | 0.110 | 77.1  | 0.124 | 0.000 | 77.1  | 162.339 | OK |
| S20.0.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 71.620 | 70.120 | 70.214 | 0.094 | 54.1  | 0.106 | 0.000 | 54.1  | 114.039 | OK |
| S21.0.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 72.775 | 70.775 | 70.905 | 0.130 | 47.9  | 0.147 | 0.000 | 47.9  | 100.950 | OK |
| S22.0.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 74.340 | 72.115 | 72.201 | 0.086 | 25.7  | 0.098 | 0.000 | 25.7  | 54.108  | OK |
| S23.0.0  | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer | 74.015 | 72.590 | 72.640 | 0.050 | 7.4   | 0.057 | 0.000 | 7.4   | 15.546  | OK |



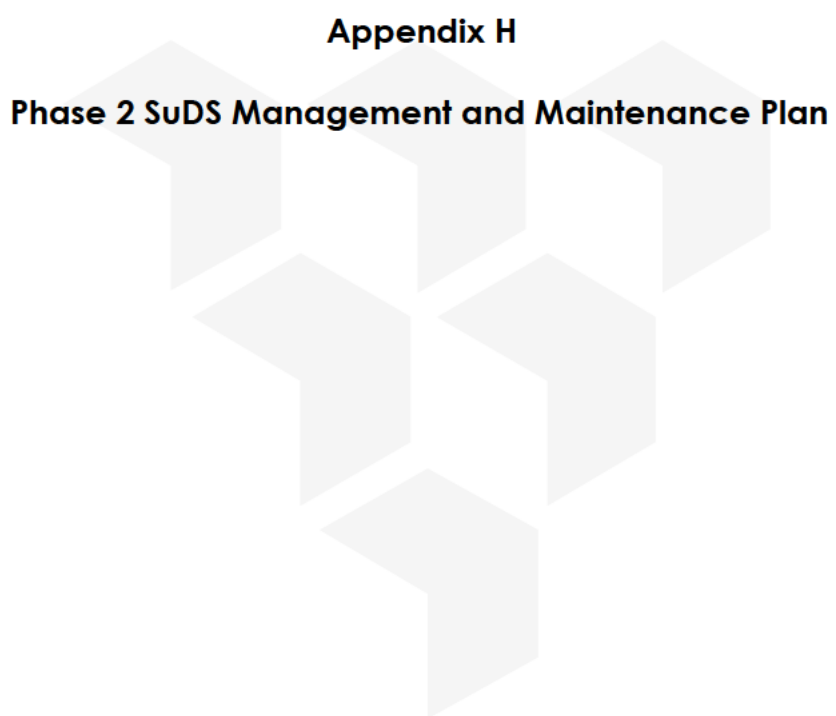
|                                                                                                      |                                                                   |            |            |                            |       |                            |       |                                                                                     |      |         |            |                             |  |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------|------------|----------------------------|-------|----------------------------|-------|-------------------------------------------------------------------------------------|------|---------|------------|-----------------------------|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) |                                                                   |            |            | Date:<br>29/06/2026        |       |                            |       |  |      |         |            |                             |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                     |                                                                   |            |            | Designed by:<br>J. Dunesby |       | Checked by:<br>W. Nienaber |       |                                                                                     |      |         |            | Approved By:<br>W. Nienaber |  |
|                                                                                                      |                                                                   |            |            | Revision:<br>Rev 1         |       |                            |       |                                                                                     |      |         |            |                             |  |
| HW24.0<br>(Outfall)                                                                                  | FEH2022 (100yrCC only): 100 years:<br>+20 %: 120 mins:<br>Summer  | 55.03<br>0 | 53.57<br>0 | 54.237                     | 0.667 | 6.0                        | 0.000 | 0.000                                                                               | 6.0  | 57.220  | OK         |                             |  |
| S24.0.0                                                                                              | FEH2022 (100yrCC only): 100 years:<br>+20 %: 120 mins:<br>Summer  | 55.14<br>0 | 53.62<br>0 | 54.243                     | 0.623 | 6.0                        | 0.704 | 0.000                                                                               | 6.0  | 54.497  | Surcharged |                             |  |
| S24.1.0<br>(FC)                                                                                      | FEH2022 (100yrCC only): 100 years:<br>+20 %: 1440 mins:<br>Summer | 55.77<br>0 | 53.78<br>0 | 55.772                     | 1.992 | 8.0                        | 4.700 | 2.449                                                                               | 6.6  | 317.543 | Flood      |                             |  |
| S24.2.0                                                                                              | FEH2022 (100yrCC only): 100 years:<br>+20 %: 1440 mins:<br>Summer | 56.09<br>0 | 53.85<br>0 | 55.773                     | 1.923 | 14.6                       | 2.175 | 0.000                                                                               | 7.6  | 478.150 | Surcharged |                             |  |
| S24.3.0                                                                                              | FEH2022 (100yrCC only): 100 years:<br>+20 %: 1440 mins:<br>Summer | 57.67<br>5 | 55.16<br>5 | 55.773                     | 0.608 | 9.1                        | 0.688 | 0.000                                                                               | 9.2  | 201.731 | Surcharged |                             |  |
| S24.4.0                                                                                              | FEH2022 (100yrCC only): 100 years:<br>+20 %: 1440 mins:<br>Summer | 57.90<br>5 | 55.28<br>0 | 55.773                     | 0.493 | 8.2                        | 0.558 | 0.000                                                                               | 8.2  | 180.922 | Surcharged |                             |  |
| S24.8.0                                                                                              | FEH2022 (100yrCC only): 100 years:<br>+20 %: 120 mins:<br>Summer  | 57.39<br>0 | 55.71<br>0 | 55.820                     | 0.110 | 18.6                       | 0.124 | 0.000                                                                               | 18.6 | 39.103  | OK         |                             |  |
| S24.9.0                                                                                              | FEH2022 (100yrCC only): 100 years:<br>+20 %: 120 mins:<br>Summer  | 56.96<br>0 | 55.83<br>5 | 55.933                     | 0.098 | 15.2                       | 0.111 | 0.000                                                                               | 15.2 | 31.934  | OK         |                             |  |
| S16.9.0<br>(FC)                                                                                      | FEH2022 (100yrCC only): 100 years:<br>+20 %: 180 mins:<br>Winter  | 66.59<br>0 | 64.52<br>0 | 65.731                     | 1.211 | 54.6                       | 1.370 | 0.000                                                                               | 10.0 | 329.084 | Surcharged |                             |  |

|                                                                                                      |  |                            |                            |                                                                                     |                             |
|------------------------------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(Surcharged Outfall) |  | Date:<br>29/06/2026        |                            |  |                             |
| Report Details:<br>Type: Stormwater Controls Summary<br>Storm Phase: Phase                           |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
|                                                                                                      |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |



**FEH2022 (100yrCC only): 100 years: Increase Rainfall (%): +20: Critical Storm Per Item: Rank By: Max. Resident Volume**

| Stormwater Control | Storm Event                                                 | Max. US Level (m) | Max. DS Level (m) | Max. US Depth (m) | Max. DS Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Total Lost Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Percentage Available (%) | Status     |
|--------------------|-------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|--------------------------|------------------------|--------------------|-----------------------------|--------------------------|------------|
| Pond 2a            | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 55.847            | 55.847            | 1.837             | 1.837             | 283.6             | 4429.782                  | 0.000                    | 0.000                  | 137.5              | 7027.629                    | -4.175                   | Flood Risk |
| Pond 2c            | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Summer  | 62.245            | 62.245            | 1.195             | 1.195             | 116.4             | 173.811                   | 0.000                    | 0.000                  | 9.9                | 108.553                     | 0.717                    | OK         |
| Pond 2b            | FEH2022 (100yrCC only): 100 years: +20 %: 240 mins: Winter  | 63.293            | 63.293            | 1.093             | 1.093             | 96.8              | 440.320                   | 0.000                    | 0.000                  | 12.3               | 255.676                     | 0.989                    | OK         |
| CRATES C12         | FEH2022 (100yrCC only): 100 years: +20 %: 1440 mins: Summer | 55.773            | 55.773            | 1.888             | 1.888             | 15.1              | 251.527                   | 0.000                    | 0.000                  | 4.4                | 147.820                     | 0.033                    | OK         |
| Pond 2d            | FEH2022 (100yrCC only): 100 years: +20 %: 120 mins: Winter  | 61.883            | 61.883            | 1.383             | 1.383             | 328.2             | 699.851                   | 0.000                    | 0.000                  | 69.6               | 486.543                     | 2.525                    | OK         |
| CRATES C13         | FEH2022 (100yrCC only): 100 years: +20 %: 180 mins: Winter  | 65.731            | 65.731            | 1.191             | 1.191             | 51.3              | 183.341                   | 0.000                    | 0.000                  | 9.8                | 96.531                      | 1.159                    | OK         |



## **Appendix H**

### **Phase 2 SuDS Management and Maintenance Plan**

## **Mowbray, North Horsham, West Sussex (Phase 2)**

### **Phase 2 – SuDS Management and Maintenance Plan**

#### **1.0 Site and Drainage Description**

- 1.1 The wider Mowbray development at North Horsham is currently under construction with various applications for the approval of reserved matters for individual infrastructure elements and sub-phases, both under consideration and determined.
- 1.2 This SuDS Management and Maintenance Plan relates to the drainage infrastructure proposed as part of Phase 2 of the development.
- 1.3 Surface water run-off generated by the Phase 2 of the development will be discharged to the existing network of watercourses running through and around Phase 2, utilising attenuation provided by basins and geo-cellular attenuation crates located across the phase and serving various land parcels.
- 1.4 Foul effluent generated by the residential parcels will be conveyed by gravity sewer networks, which will gravitate flows to the various pump stations proposed.
- 1.5 This plan should be read alongside the accompanying drainage reports for the various applications submitted for individual infrastructure elements and residential parcels located across Phase 2. This SuDS Management and Maintenance Plan does not constitute a complete maintenance schedule and should be developed at the appropriate design stage, taking into account advice and recommendations from system manufacturers and installers. Appropriate health and safety measures should also be put in place.

#### **2.0 Management Responsibilities**

- 2.1 The proposed surface water pipe network and associated drainage infrastructure serving the development parcels of Phase 2 are to be adopted by the Advanced Water Infrastructure Networks (AWIN), which will have the responsibility to keep them maintained. There are some exceptions to this where small sections of proposed surface water drainage infrastructure will remain private. The accompanying drainage reports for the various applications submitted for individual infrastructure elements and development parcels should be referred to.
- 2.2 Gullies, gully connections and other surface water drainage infrastructure solely serving highway land are to be adopted by West Sussex County Council (WSCC) in its role as highway authority. Surface water drainage infrastructure adopted by WSCC will be their responsibility to maintain.
- 2.3 Foul water drainage infrastructure constructed as part of Phase 2 and serving the residential parcels are to be adopted by AWIN and will have the responsibility to keep them maintained.
- 2.4 All attenuation basins will remain private and be the responsibility of a management company to maintain.

### 3.0 Maintenance Activities

- 3.1 This section details the type and frequency of maintenance activities for the drainage infrastructure which will be implemented as part of Phase 2 of the Mowbray development.

#### *Conventional Pipe Network / Inspection Chambers / Catchpits / Gullies*

- 3.2 Piped network components require regular inspection and maintenance to ensure that the individual components continue to operate as designed, both in terms of hydraulic capacity and potential pollutant removal. All gullies, inspection chambers and catchpits will therefore be inspected and cleaned regularly, with typical maintenance activities detailed in Table 1.

*Table 1: Conventional Pipe Network / Inspection Chambers / Gullies – Typical Maintenance Activities*

| Maintenance Schedule              | Maintenance Activity                                                                                                                | Inspection Frequency                               |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Regular Maintenance               | Inspect and identify any features that are not operating correctly. If required, take remedial action.                              | Monthly (for first three months), then six monthly |
|                                   | Remove debris from catchment surface / gratings (where it may cause risk to performance).                                           | Quarterly and after large storms                   |
|                                   | Inspect and remove sediment, debris, and silt from gullies, silt traps, and catchpit chambers.                                      | Annually, or as required                           |
|                                   | Inspect pipework for blockages, root ingress, displaced joints, or other signs of differential settlement.                          | Annually, or as required                           |
| Remedial Actions                  | Clear pipework of blockages, root ingress, repair joints or repair other signs of differential settlement.                          | As required                                        |
|                                   | Replacement of gullies / pipe system.                                                                                               | As required                                        |
|                                   | Repair / rehabilitation of gratings, inlets and outlets.                                                                            | As required                                        |
| Monitoring                        | Inspect / check all gratings, manholes, gullies, and catchpits to ensure that they are in good condition and operating as designed. | Annually and after large storm events              |
| Structure Rehabilitation / Repair | Regular maintenance and monitoring to identify if repair and / or replacement of features or pipe system is required.               | As required                                        |

### Attenuation Basin

- 3.3 Attenuation basins are landscaped depressions which surface water is attenuated within prior to being discharged to the network of watercourses running through and around Phase 2 of the Mowbray development. To ensure the effective operation of the basins with limited erosion and silt accumulation, regular inspection and maintenance is required including the typical maintenance activities detailed in Table 2.

Table 2: Attenuation Basins – Typical Maintenance Activities

| Maintenance Schedule   | Maintenance Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Inspection Frequency                                                                                                  |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Regular Maintenance    | Mow grass access paths and verges surrounding basins, at 35mm-50mm minimum and 75mm maximum.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Monthly (during growing season), or as required                                                                       |
|                        | Mow rough grass areas for occasional access or habitat reasons at 100mm and 150mm maximum with cutting removed to wildlife piles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | As required                                                                                                           |
|                        | Manage other vegetation and remove nuisance plants.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Monthly (for first three months, then as required)                                                                    |
|                        | Inspect for signs of clogging and remove any litter / debris found.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Monthly, or as required                                                                                               |
|                        | Inspect and clear inlets, outlets, and overflows of any blockages.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Annually, or as required                                                                                              |
|                        | Inspect inlets and pre-treatment systems for silt accumulation; establish appropriate silt removal frequencies.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Monthly (for first year), then annually, or as required                                                               |
|                        | Inspect banksides for evidence of physical damage and repair as appropriate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Annually, or as required                                                                                              |
|                        | Cut (trim) wetland vegetation at 100mm and remove cuttings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Annually, or as required                                                                                              |
|                        | Reseed areas of poor vegetation growth.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | As required                                                                                                           |
|                        | Prune and trim any trees and remove cuttings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Every 2 years, or as required                                                                                         |
| Occasional Maintenance | Where silt accumulates on apron or area in front of inlet or outlet then remove and spread above design profile of SuDS. Where silt accumulates more than 150mm in base of basins undertake a phased removal of silt subject to Client approval. Remove silt but not more than 30% of basin area at any one time and to an agreed depth. Retain as much representative existing vegetation as possible to ensure rapid re-colonisation of open areas. Stack excavated material adjacent to basin to allow dewatering of silt. Undertake silt removal during September-October to minimise damage to protected wildlife and ensure re-growth of aquatic vegetation before winter. Spread excavated material on site above SUDS design profile. | Every 3 years, or as required (likely to be minimal requirements where effective upstream source control is provided) |
| Remedial Actions       | Repair erosion or other damage by reseeding or re-turfing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | As required                                                                                                           |



### Geo-Cellular Attenuation Crates

- 3.4 Geo-cellular attenuation crates are below ground structures utilised to attenuate surface water run-off. To ensure both the effective operation and hydraulic capacity of the attenuation crates is maintained, regular inspection and maintenance is required including the typical maintenance activities detailed in Table 3.

**Table 3: Geo-Cellular Attenuation Crates (Wavin or Similar)\* - Typical Maintenance Activities**

| Maintenance Schedule | Maintenance Activity                                                                                                                                 | Inspection Frequency                |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Regular maintenance  | Initial inspection and identify any areas that are not operating correctly and either clean or replacement inlets, outlets, overflows, and/or vents. | Monthly for 3 months, then annually |
|                      | Inspect / check all inlets, outlets, vents, and overflows to ensure that they are in good condition and operating as designed.                       | Annually                            |
|                      | Remove sediment from pre-treatment structures and/or internal forebays.                                                                              | Annually, or as required            |

\*Refer to manufacturer's guidance for specific maintenance instructions.

### Inlet / Outlets / Controls

- 3.5 Headwalls, flow control chambers and outfalls direct the flow in and control the flow rate out of the proposed basins across Phase 2. To prevent surface water exceedance, regular inspection and maintenance of these structures are required to remove potential blockages and ensure the intended design flow rates are achieved. Typical maintenance activities for these structures are included in Table 4.

**Table 4: Inlets / Outlets / Flow Control Devices\* – Typical Maintenance Activities**

| Maintenance Schedule   | Maintenance Activity                                                                                 | Inspection Frequency            |
|------------------------|------------------------------------------------------------------------------------------------------|---------------------------------|
| Regular Maintenance    | Inspect control chamber and remove any sediment, debris, and silt to ensure water is flowing freely. | Quarterly, or as required       |
|                        | Inspect chamber and incoming / outgoing pipework for blockage or root ingress.                       | Six monthly, or as required     |
|                        | Inspect surface structures for physical damage.                                                      | Quarterly, or as required       |
|                        | Cut (Strim) vegetation 1m minimum from the surround of structures.                                   | Six monthly (spring and autumn) |
|                        | Remove debris and silt from hard head wall aprons.                                                   | Quarterly, or as required       |
|                        | Inspect and clear headwall grills.                                                                   | Quarterly, or as required       |
|                        | Undertake general inspection after Autumn leaf fall.                                                 | Annually                        |
| Occasional Maintenance | Check topsoil levels are 20mm above chamber edges to avoid mower damage.                             | As required                     |
| Remedial Actions       | Clear chamber and incoming / outgoing pipework of blockages.                                         | As required                     |
|                        | Repair physical damage or replace missing grills or controls.                                        | As required                     |

\*Refer to manufacturer's guidance for specific maintenance instructions

## **Appendix I**

### **Hydraulic Calculations – 1 in 100 year +40% Climate Change Design Event**



|                                                                                                                   |  |                             |                            |                                                                                     |
|-------------------------------------------------------------------------------------------------------------------|--|-----------------------------|----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(1 in 100yr + 40% Climate Change) |  | Date:<br>29/06/2026         |                            |  |
| Report Details:<br>Type: Network Design Criteria<br>Storm Phase: Phase                                            |  | Designed by:<br>J. Dunesby  | Checked by:<br>W. Nienaber |                                                                                     |
|                                                                                                                   |  | Approved By:<br>W. Nienaber |                            |                                                                                     |
|                                                                                                                   |  | Revision:<br>Rev 1          |                            |                                                                                     |

### Flow Options

|                           |                               |
|---------------------------|-------------------------------|
| Peak Flow Calculation     | (UK) Modified Rational Method |
| Min. Time of Entry (mins) | 5                             |
| Max. Travel Time (mins)   | 30                            |

### Pipe Options

|                       |                          |
|-----------------------|--------------------------|
| Lock Slope Options    | None                     |
| Design Options        | Minimise Excavation      |
| Design Level          | Level Soffits            |
| Min. Cover Depth (m)  | 1.200                    |
| Min. Slope (1:X)      | 500.00                   |
| Max. Slope (1:X)      | 40.00                    |
| Min. Velocity (m/s)   | 1.0                      |
| Max. Velocity (m/s)   | 3.0                      |
| Use Flow Restriction  | <input type="checkbox"/> |
| Reduce Channel Depths | <input type="checkbox"/> |

### Manhole Options

|              |                          |
|--------------|--------------------------|
| Apply Offset | <input type="checkbox"/> |
|--------------|--------------------------|

|                                                                                                                          |  |                                   |                                   |                                                                                     |                                    |
|--------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|-----------------------------------|-------------------------------------------------------------------------------------|------------------------------------|
| <b>Project:</b><br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(1 in 100yr + 40% Climate Change) |  | <b>Date:</b><br>29/06/2026        |                                   |  |                                    |
|                                                                                                                          |  | <b>Designed by:</b><br>J. Dunesby | <b>Checked by:</b><br>W. Nienaber |                                                                                     | <b>Approved By:</b><br>W. Nienaber |
| <b>Report Details:</b><br>Type: Outfall Details<br>Storm Phase: Phase                                                    |  | <b>Revision:</b><br>Rev 1         |                                   |                                                                                     |                                    |

Outfalls

| Outfall          | Outfall Type   | Gated | Fixed Surcharged Level (m) | Level Curve |
|------------------|----------------|-------|----------------------------|-------------|
| HW 2.1           | Free Discharge |       |                            |             |
| HW24.0 (Outfall) | Free Discharge |       |                            |             |

|                                                                                                                   |  |                             |                            |                                                                                     |
|-------------------------------------------------------------------------------------------------------------------|--|-----------------------------|----------------------------|-------------------------------------------------------------------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(1 in 100yr + 40% Climate Change) |  | Date:<br>29/06/2026         |                            |  |
| Report Title:<br>Rainfall Analysis Criteria                                                                       |  | Designed by:<br>J. Dunesby  | Checked by:<br>W. Nienaber |                                                                                     |
|                                                                                                                   |  | Approved By:<br>W. Nienaber |                            |                                                                                     |
|                                                                                                                   |  | Revision:<br>Rev 1          |                            |                                                                                     |

|                                 |                          |
|---------------------------------|--------------------------|
| Runoff Type                     | Dynamic                  |
| Output Interval (mins)          | 5                        |
| Time Step                       | Shortest                 |
| Urban Creep                     | Use Catchment Values     |
| Junction Flood Risk Margin (mm) | 300                      |
| Perform No Discharge Analysis   | <input type="checkbox"/> |

### Rainfall

|                     |                                     |           |
|---------------------|-------------------------------------|-----------|
| FEH2022 (100yr40CC) |                                     | Type: FEH |
| Site Location       | GB 519000 133350 TQ 19000 33350     |           |
| Rainfall Version    | 2022                                |           |
| Summer              | <input checked="" type="checkbox"/> |           |
| Winter              | <input checked="" type="checkbox"/> |           |

### Return Period

| Return Period (years) | Increase Rainfall (%) |
|-----------------------|-----------------------|
| 100.0                 | 40.000                |

### Storm Durations

| Duration (mins) | Run Time (mins) |
|-----------------|-----------------|
| 120             | 240             |
| 180             | 360             |
| 240             | 480             |
| 360             | 720             |
| 480             | 960             |
| 600             | 1200            |
| 720             | 1440            |
| 960             | 1920            |
| 1440            | 2880            |
| 2160            | 4320            |
| 2880            | 5760            |
| 4320            | 8640            |
| 5760            | 11520           |
| 7200            | 14400           |
| 8640            | 17280           |
| 10080           | 20160           |

|                                                                                                                   |  |                            |                            |                                                                                     |                             |
|-------------------------------------------------------------------------------------------------------------------|--|----------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(1 in 100yr + 40% Climate Change) |  | Date:<br>29/06/2026        |                            |  |                             |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                                  |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber |                                                                                     | Approved By:<br>W. Nienaber |
|                                                                                                                   |  | Revision:<br>Rev 1         |                            |                                                                                     |                             |



**FEH2022 (100yr40CC): 100 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Resident Volume**

| Junction | Storm Event                                              | Cover Level (m) | Invert Level (m) | Max. Level (m) | Max. Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Status     |
|----------|----------------------------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|------------|
| S2.2.0   | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 56.315          | 54.290           | 55.903         | 1.613          | 315.2             | 7.295                     | 0.000                    | 314.9              | 9702.065                    | Surcharged |
| S2.1.1   | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 56.350          | 53.990           | 55.897         | 1.907          | 151.5             | 8.627                     | 0.000                    | 142.7              | 8257.969                    | Surcharged |
| HW 2.1   | FEH2022 (100yr40CC): 100 years: +40 %: 120 mins: Summer  | 54.700          | 53.910           | 54.122         | 0.212          | 86.9              | 0.000                     | 0.000                    | 86.9               | 784.987                     | OK         |
| S2.1.0   | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 54.830          | 53.930           | 54.260         | 0.330          | 142.7             | 0.583                     | 0.000                    | 142.7              | 8197.013                    | OK         |
| S2.3.0   | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 56.500          | 54.600           | 55.900         | 1.300          | 4.9               | 1.471                     | 0.000                    | 4.9                | 109.042                     | Surcharged |
| S2.1.3   | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 56.000          | 54.665           | 55.897         | 1.232          | 0.3               | 1.393                     | 0.000                    | 2.1                | 6.003                       | Flood Risk |
| S2.1.2   | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 55.830          | 54.590           | 55.897         | 1.307          | 14.1              | 68.410                    | 67.008                   | 12.4               | 124.683                     | Flood      |
| S2.4.0   | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 56.490          | 54.625           | 55.900         | 1.275          | 5.0               | 1.442                     | 0.000                    | 4.9                | 109.971                     | Surcharged |
| S2.5.0   | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 56.800          | 54.940           | 55.900         | 0.960          | 0.7               | 1.086                     | 0.000                    | 0.6                | 14.308                      | Surcharged |
| S5.0.0   | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 56.680          | 54.580           | 55.912         | 1.332          | 302.0             | 1.506                     | 0.000                    | 301.9              | 9422.379                    | Surcharged |
| S4.0.0   | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 56.165          | 54.310           | 55.905         | 1.595          | 315.3             | 1.804                     | 0.000                    | 315.2              | 9709.464                    | Flood Risk |
| S4.1.0   | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 56.590          | 54.875           | 55.905         | 1.030          | 10.1              | 1.165                     | 0.000                    | 10.1               | 223.667                     | Surcharged |
| S4.1.1   | FEH2022 (100yr40CC): 100 years: +40 %: 120 mins: Summer  | 57.240          | 56.115           | 56.157         | 0.042          | 7.9               | 0.048                     | 0.000                    | 7.9                | 16.604                      | OK         |
| S4.2.0   | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 55.980          | 54.995           | 55.905         | 0.910          | 1.9               | 1.029                     | 0.000                    | 1.8                | 40.879                      | Flood Risk |
| S6.0.0   | FEH2022 (100yr40CC): 100 years: +40 %: 120 mins: Summer  | 57.075          | 54.725           | 56.228         | 1.503          | 1191.9            | 1.700                     | 0.000                    | 1190.9             | 3899.453                    | Surcharged |

|                                                                                                                   |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(1 in 100yr + 40% Climate Change) |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                                  |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|         |                                                                   |            |            |        |       |        |        |        |        |          |            |
|---------|-------------------------------------------------------------------|------------|------------|--------|-------|--------|--------|--------|--------|----------|------------|
| S7.0.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 57.35<br>0 | 54.82<br>5 | 56.535 | 1.710 | 1169.0 | 1.934  | 0.000  | 1167.9 | 3858.500 | Surcharged |
| S8.0.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 57.66<br>0 | 54.94<br>0 | 56.850 | 1.910 | 1156.3 | 2.160  | 0.000  | 1155.2 | 3837.461 | Surcharged |
| S9.0.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 57.88<br>5 | 55.00<br>5 | 57.121 | 2.116 | 1156.6 | 2.393  | 0.000  | 1146.3 | 3826.458 | Surcharged |
| S9.0.1  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 57.70<br>5 | 55.67<br>5 | 57.111 | 1.436 | 61.8   | 1.624  | 0.000  | 66.5   | 95.502   | Surcharged |
| S9.0.2  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 56.91<br>5 | 55.97<br>5 | 56.933 | 0.958 | 44.2   | 18.863 | 17.800 | 48.2   | 29.429   | Flood      |
| S9.1.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 58.05<br>5 | 55.27<br>0 | 57.206 | 1.936 | 549.8  | 2.190  | 0.000  | 548.7  | 1258.913 | Surcharged |
| S9.2.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 58.05<br>0 | 55.38<br>5 | 57.308 | 1.923 | 538.4  | 2.175  | 0.000  | 537.5  | 1234.864 | Surcharged |
| S9.3.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 57.60<br>0 | 55.79<br>0 | 57.600 | 1.810 | 505.1  | 2.055  | 0.008  | 502.4  | 1160.854 | Flood      |
| S9.4.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 58.06<br>0 | 56.12<br>0 | 57.850 | 1.730 | 459.6  | 1.956  | 0.000  | 458.3  | 1062.114 | Flood Risk |
| S24.6.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 1440<br>mins: Summer | 58.08<br>0 | 55.46<br>5 | 55.797 | 0.332 | 3.8    | 0.375  | 0.000  | 3.8    | 84.601   | Surcharged |
| S24.7.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 1440<br>mins: Summer | 57.97<br>0 | 55.60<br>5 | 55.797 | 0.192 | 3.8    | 0.217  | 0.000  | 3.8    | 83.988   | OK         |
| S24.5.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 1440<br>mins: Summer | 58.19<br>0 | 55.34<br>0 | 55.797 | 0.457 | 8.6    | 0.516  | 0.000  | 8.6    | 190.719  | Surcharged |
| S9.5.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 58.29<br>0 | 56.28<br>0 | 58.039 | 1.759 | 457.2  | 1.989  | 0.000  | 455.5  | 1053.361 | Flood Risk |
| S9.6.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 59.90<br>0 | 56.76<br>0 | 58.489 | 1.729 | 417.0  | 1.956  | 0.000  | 414.9  | 963.900  | Surcharged |
| S9.6.1  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 59.74<br>0 | 58.31<br>5 | 58.491 | 0.176 | 6.6    | 0.199  | 0.000  | 6.5    | 13.881   | OK         |
| S9.7.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 59.57<br>5 | 57.54<br>5 | 59.014 | 1.469 | 405.3  | 1.662  | 0.000  | 403.1  | 928.013  | Surcharged |
| S9.7.1  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 59.64<br>5 | 58.00<br>0 | 59.029 | 1.029 | 20.1   | 1.164  | 0.000  | 21.2   | 42.914   | Surcharged |

|                                                                                                                   |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
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| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(1 in 100yr + 40% Climate Change) |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                                  |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

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| S9.7.2  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 59.47<br>5 | 58.35<br>0 | 59.034 | 0.684 | 10.6  | 0.774 | 0.000 | 11.0  | 22.436  | Surcharged |
| S9.8.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 59.69<br>0 | 57.81<br>0 | 59.292 | 1.482 | 384.1 | 1.676 | 0.000 | 381.7 | 869.547 | Surcharged |
| S9.9.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 60.95<br>5 | 58.96<br>0 | 59.917 | 0.957 | 330.2 | 1.083 | 0.000 | 327.5 | 749.813 | Surcharged |
| S9.10.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 61.16<br>5 | 58.99<br>5 | 60.114 | 1.119 | 325.7 | 1.265 | 0.000 | 323.1 | 734.890 | Surcharged |
| S9.10.1 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 61.31<br>5 | 59.52<br>5 | 60.122 | 0.597 | 17.4  | 0.675 | 0.000 | 25.1  | 36.675  | Surcharged |
| S9.10.2 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 61.41<br>0 | 60.28<br>5 | 60.330 | 0.045 | 8.5   | 0.050 | 0.000 | 8.5   | 17.881  | OK         |
| S9.11.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 61.38<br>5 | 59.04<br>0 | 60.315 | 1.275 | 304.0 | 1.442 | 0.000 | 301.2 | 677.970 | Surcharged |
| S9.12.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 61.72<br>5 | 59.16<br>0 | 60.627 | 1.467 | 277.0 | 1.659 | 0.000 | 274.1 | 615.068 | Surcharged |
| S9.12.1 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 62.84<br>0 | 60.65<br>0 | 60.765 | 0.115 | 57.0  | 0.130 | 0.000 | 56.7  | 120.199 | OK         |
| S9.12.2 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 63.14<br>5 | 61.06<br>5 | 61.164 | 0.099 | 31.3  | 0.112 | 0.000 | 31.3  | 66.077  | OK         |
| S9.12.3 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 63.22<br>0 | 61.40<br>0 | 61.497 | 0.097 | 26.7  | 0.109 | 0.000 | 26.7  | 56.322  | OK         |
| S9.12.4 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 63.10<br>0 | 61.64<br>5 | 61.722 | 0.077 | 17.6  | 0.087 | 0.000 | 17.6  | 37.085  | OK         |
| S9.12.5 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 62.91<br>0 | 61.78<br>5 | 61.868 | 0.083 | 12.0  | 0.094 | 0.000 | 12.0  | 25.309  | OK         |
| S9.12.6 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 62.94<br>0 | 61.41<br>0 | 61.456 | 0.046 | 11.3  | 0.052 | 0.000 | 11.3  | 23.755  | OK         |
| S9.12.7 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 63.08<br>5 | 61.96<br>0 | 61.993 | 0.033 | 5.4   | 0.037 | 0.000 | 5.4   | 11.484  | OK         |
| S9.13.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 61.66<br>0 | 59.32<br>5 | 60.724 | 1.399 | 190.1 | 1.582 | 0.000 | 187.3 | 425.285 | Surcharged |
| S9.14.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 61.44<br>0 | 59.42<br>5 | 60.815 | 1.390 | 175.3 | 1.572 | 0.000 | 172.4 | 388.046 | Surcharged |

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|-------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(1 in 100yr + 40% Climate Change) |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                                  |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

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| S9.15.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 61.28<br>5 | 59.49<br>5 | 60.866 | 1.371 | 149.0 | 1.551 | 0.000 | 146.1 | 326.488  | Surcharged |
| S9.16.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 61.25<br>5 | 59.60<br>5 | 60.903 | 1.298 | 110.4 | 1.468 | 0.000 | 106.1 | 235.939  | Surcharged |
| S9.16.1 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 62.57<br>0 | 61.14<br>5 | 61.222 | 0.077 | 28.3  | 0.087 | 0.000 | 28.3  | 59.585   | OK         |
| S9.16.2 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 62.86<br>5 | 61.48<br>5 | 61.553 | 0.068 | 15.4  | 0.077 | 0.000 | 15.4  | 32.495   | OK         |
| S9.16.3 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 63.14<br>0 | 61.75<br>5 | 61.809 | 0.054 | 9.9   | 0.061 | 0.000 | 9.9   | 20.933   | OK         |
| S9.16.4 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 63.26<br>0 | 62.13<br>5 | 62.185 | 0.050 | 8.5   | 0.056 | 0.000 | 8.5   | 17.917   | OK         |
| S9.17.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 61.89<br>0 | 60.10<br>5 | 60.916 | 0.811 | 11.4  | 0.917 | 0.000 | 14.3  | 23.968   | Surcharged |
| S10.0.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 59.76<br>5 | 56.47<br>0 | 57.577 | 1.107 | 534.6 | 1.251 | 0.000 | 532.9 | 2344.729 | Surcharged |
| S10.0.1 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 59.86<br>5 | 56.97<br>0 | 57.673 | 0.703 | 95.7  | 0.795 | 0.000 | 99.8  | 214.728  | Surcharged |
| S10.0.2 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 59.28<br>5 | 57.60<br>5 | 58.376 | 0.771 | 84.8  | 0.872 | 0.000 | 83.8  | 189.434  | Surcharged |
| S10.0.3 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 59.24<br>0 | 57.78<br>0 | 58.626 | 0.846 | 78.1  | 0.957 | 0.000 | 76.9  | 172.733  | Surcharged |
| S10.0.4 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 59.59<br>5 | 58.17<br>5 | 58.849 | 0.674 | 41.8  | 0.763 | 0.000 | 37.9  | 87.972   | Surcharged |
| S10.0.5 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 59.76<br>0 | 58.33<br>5 | 58.881 | 0.546 | 22.4  | 0.617 | 0.000 | 22.5  | 47.322   | Surcharged |
| S10.1.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 59.18<br>5 | 57.04<br>0 | 58.581 | 1.541 | 148.0 | 1.743 | 0.000 | 143.0 | 326.104  | Surcharged |
| S10.1.1 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 58.73<br>0 | 57.30<br>5 | 58.596 | 1.291 | 12.4  | 1.460 | 0.000 | 15.0  | 26.192   | Flood Risk |
| S10.2.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 60.99<br>0 | 58.51<br>5 | 58.730 | 0.215 | 61.7  | 0.243 | 0.000 | 59.9  | 129.715  | OK         |
| S10.2.1 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 60.23<br>0 | 58.80<br>5 | 58.912 | 0.107 | 21.9  | 0.121 | 0.000 | 22.0  | 46.164   | OK         |

|                                                                                                                   |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
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| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(1 in 100yr + 40% Climate Change) |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                                  |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

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| S10.3.0         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 61.44<br>5 | 60.02<br>0 | 60.069 | 0.049 | 10.9  | 0.055 | 0.000 | 10.9  | 22.959   | OK         |
| S11.0.0         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 60.80<br>5 | 57.01<br>0 | 57.654 | 0.644 | 282.5 | 0.728 | 0.000 | 273.9 | 1755.373 | Surcharged |
| S11.0.1         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 60.25<br>0 | 58.82<br>5 | 58.876 | 0.051 | 14.4  | 0.058 | 0.000 | 14.4  | 30.281   | OK         |
| S12.0.0         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 61.66<br>0 | 57.57<br>0 | 57.769 | 0.199 | 192.0 | 0.225 | 0.000 | 192.1 | 1567.236 | OK         |
| S13.0.0         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 62.26<br>5 | 58.28<br>0 | 58.473 | 0.193 | 173.0 | 0.219 | 0.000 | 172.8 | 1529.045 | OK         |
| S13.0.1         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 62.51<br>5 | 58.92<br>5 | 59.086 | 0.161 | 53.9  | 0.182 | 0.000 | 53.9  | 113.579  | OK         |
| S13.0.2         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 62.30<br>5 | 59.02<br>0 | 59.221 | 0.201 | 43.1  | 0.227 | 0.000 | 43.2  | 90.942   | OK         |
| S13.0.3         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 60.76<br>5 | 59.34<br>0 | 59.492 | 0.152 | 33.7  | 0.172 | 0.000 | 33.7  | 70.950   | OK         |
| S14.0.0<br>(FC) | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Winter | 62.39<br>5 | 58.82<br>0 | 62.046 | 3.226 | 463.6 | 3.648 | 0.000 | 104.2 | 2172.801 | Surcharged |
| S15.0.0         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 63.60<br>0 | 60.53<br>0 | 62.719 | 2.189 | 589.4 | 2.475 | 0.000 | 587.9 | 1621.213 | Surcharged |
| S15.0.1         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 63.28<br>0 | 60.79<br>0 | 62.725 | 1.935 | 33.5  | 2.188 | 0.000 | 22.2  | 185.963  | Surcharged |
| S15.0.2<br>(FC) | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Winter | 62.57<br>5 | 60.95<br>5 | 62.396 | 1.441 | 20.9  | 1.629 | 0.000 | 10.0  | 141.782  | Flood Risk |
| S15.0.3         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Winter | 63.12<br>0 | 61.54<br>5 | 62.396 | 0.851 | 80.7  | 0.963 | 0.000 | 79.7  | 230.855  | Surcharged |
| S15.0.4         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 65.07<br>5 | 63.57<br>5 | 63.697 | 0.122 | 67.0  | 0.138 | 0.000 | 67.0  | 140.736  | OK         |
| S15.0.5         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 65.50<br>0 | 64.00<br>0 | 64.116 | 0.116 | 61.2  | 0.131 | 0.000 | 61.2  | 129.000  | OK         |
| S15.0.6         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 66.18<br>0 | 64.68<br>0 | 64.778 | 0.098 | 51.6  | 0.110 | 0.000 | 51.6  | 108.839  | OK         |
| S15.0.7         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 67.03<br>0 | 65.52<br>5 | 65.615 | 0.090 | 44.9  | 0.101 | 0.000 | 44.9  | 94.698   | OK         |



|                                                                                                                   |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
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| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(1 in 100yr + 40% Climate Change) |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                                  |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

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|-----------------|------------------------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|---------|------------|
| S15.0.8         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 68.27<br>5 | 66.83<br>5 | 66.908 | 0.073 | 26.8  | 0.082 | 0.000 | 26.8  | 56.394  | OK         |
| S15.0.9         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 70.15<br>0 | 68.72<br>5 | 68.759 | 0.034 | 5.6   | 0.038 | 0.000 | 5.6   | 11.903  | OK         |
| S15.1.0         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 63.51<br>0 | 60.77<br>5 | 62.736 | 1.961 | 70.5  | 2.218 | 0.000 | 68.8  | 274.419 | Surcharged |
| S15.2.0         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 63.67<br>0 | 60.95<br>0 | 62.757 | 1.807 | 62.0  | 2.043 | 0.000 | 60.1  | 254.878 | Surcharged |
| S15.3.0         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 64.16<br>0 | 61.49<br>5 | 62.772 | 1.277 | 33.7  | 1.445 | 0.000 | 32.4  | 197.607 | Surcharged |
| S15.4.0         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 64.34<br>5 | 61.70<br>0 | 62.776 | 1.076 | 23.2  | 1.217 | 0.000 | 22.3  | 174.026 | Surcharged |
| S15.5.0<br>(FC) | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 240<br>mins: Winter | 64.50<br>0 | 61.87<br>0 | 63.442 | 1.572 | 15.6  | 1.778 | 0.000 | 11.0  | 295.883 | Surcharged |
| S15.6.0         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 240<br>mins: Winter | 64.63<br>0 | 62.87<br>5 | 63.444 | 0.569 | 112.3 | 0.643 | 0.000 | 111.1 | 640.710 | Surcharged |
| S15.7.0         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 65.94<br>5 | 64.30<br>0 | 64.511 | 0.211 | 234.3 | 0.239 | 0.000 | 234.3 | 493.763 | OK         |
| S15.8.0         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 66.36<br>5 | 64.79<br>0 | 65.039 | 0.249 | 231.0 | 0.282 | 0.000 | 231.0 | 486.859 | OK         |
| S15.8.1         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 66.65<br>5 | 65.07<br>5 | 65.608 | 0.533 | 165.5 | 0.603 | 0.000 | 165.5 | 348.779 | Surcharged |
| S15.8.2         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 66.91<br>5 | 65.41<br>5 | 66.129 | 0.714 | 136.9 | 0.808 | 0.000 | 136.9 | 288.551 | Surcharged |
| S15.8.3         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 67.04<br>5 | 65.54<br>5 | 66.334 | 0.789 | 114.9 | 0.893 | 0.000 | 114.9 | 242.026 | Surcharged |
| S15.8.4         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 68.09<br>5 | 66.59<br>5 | 66.738 | 0.143 | 102.6 | 0.162 | 0.000 | 102.6 | 216.120 | OK         |
| S15.8.5         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 69.83<br>5 | 68.33<br>5 | 68.438 | 0.103 | 57.6  | 0.116 | 0.000 | 57.6  | 121.269 | OK         |
| S15.8.6         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 70.79<br>0 | 69.29<br>0 | 69.389 | 0.099 | 50.0  | 0.112 | 0.000 | 50.0  | 105.344 | OK         |
| S15.8.7         | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 71.32<br>0 | 69.89<br>5 | 69.948 | 0.053 | 7.4   | 0.060 | 0.000 | 7.4   | 15.518  | OK         |

|                                                                                                                   |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(1 in 100yr + 40% Climate Change) |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                                  |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|          |                                                                  |            |            |        |       |       |       |       |       |          |            |
|----------|------------------------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|----------|------------|
| S15.9.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 67.20<br>0 | 65.80<br>0 | 65.911 | 0.111 | 61.2  | 0.125 | 0.000 | 61.2  | 129.077  | OK         |
| S15.10.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 67.87<br>5 | 66.45<br>0 | 66.579 | 0.129 | 61.2  | 0.146 | 0.000 | 61.2  | 129.078  | OK         |
| S15.11.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 68.36<br>5 | 66.94<br>0 | 67.072 | 0.132 | 61.2  | 0.149 | 0.000 | 61.2  | 129.078  | OK         |
| S15.12.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 71.43<br>5 | 69.95<br>0 | 70.027 | 0.077 | 29.4  | 0.087 | 0.000 | 29.4  | 61.984   | OK         |
| S15.13.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 73.51<br>5 | 72.09<br>0 | 72.135 | 0.045 | 10.3  | 0.050 | 0.000 | 10.3  | 21.703   | OK         |
| S16.0.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 65.85<br>5 | 62.37<br>5 | 63.318 | 0.943 | 454.9 | 1.067 | 0.000 | 453.3 | 1091.270 | Surcharged |
| S16.1.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 66.28<br>5 | 63.19<br>5 | 63.375 | 0.180 | 98.2  | 0.203 | 0.000 | 96.7  | 206.911  | OK         |
| S16.2.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 66.62<br>5 | 65.12<br>5 | 65.233 | 0.108 | 79.1  | 0.122 | 0.000 | 79.1  | 166.689  | OK         |
| S16.2.1  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 67.28<br>0 | 65.59<br>0 | 65.664 | 0.074 | 21.0  | 0.084 | 0.000 | 21.0  | 44.140   | OK         |
| S16.2.2  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 67.81<br>5 | 65.93<br>0 | 66.002 | 0.072 | 16.6  | 0.081 | 0.000 | 16.6  | 35.016   | OK         |
| S16.2.3  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 68.03<br>0 | 66.09<br>5 | 66.152 | 0.057 | 10.3  | 0.065 | 0.000 | 10.3  | 21.737   | OK         |
| S16.2.4  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 68.02<br>0 | 66.59<br>5 | 66.633 | 0.038 | 5.1   | 0.043 | 0.000 | 5.1   | 10.692   | OK         |
| S16.3.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 66.74<br>0 | 65.32<br>5 | 65.484 | 0.159 | 49.2  | 0.180 | 0.000 | 49.2  | 103.591  | OK         |
| S16.4.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 67.04<br>0 | 65.61<br>5 | 65.694 | 0.079 | 14.3  | 0.090 | 0.000 | 14.3  | 30.203   | OK         |
| S16.5.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 65.72<br>0 | 62.49<br>0 | 63.345 | 0.855 | 118.4 | 0.967 | 0.000 | 119.2 | 360.243  | Surcharged |
| S16.6.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 65.16<br>5 | 62.61<br>5 | 63.380 | 0.765 | 89.3  | 0.865 | 0.000 | 91.6  | 299.185  | Surcharged |
| S16.7.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 64.95<br>0 | 62.66<br>5 | 63.391 | 0.726 | 70.9  | 0.821 | 0.000 | 69.1  | 257.102  | Surcharged |

|                                                                                                                   |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(1 in 100yr + 40% Climate Change) |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                                  |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|          |                                                                  |            |            |        |       |       |       |       |       |         |            |
|----------|------------------------------------------------------------------|------------|------------|--------|-------|-------|-------|-------|-------|---------|------------|
| S16.7.1  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 64.51<br>0 | 63.01<br>0 | 63.424 | 0.414 | 34.4  | 0.469 | 0.000 | 34.0  | 72.473  | Surcharged |
| S16.8.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 65.72<br>5 | 63.83<br>5 | 63.887 | 0.052 | 21.6  | 0.059 | 0.000 | 21.5  | 152.721 | OK         |
| S16.10.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 68.88<br>5 | 67.38<br>5 | 67.484 | 0.099 | 60.9  | 0.112 | 0.000 | 60.9  | 128.052 | OK         |
| S16.11.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 70.13<br>0 | 68.54<br>5 | 68.641 | 0.096 | 45.3  | 0.108 | 0.000 | 45.3  | 95.365  | OK         |
| S16.11.1 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 70.15<br>0 | 68.77<br>0 | 68.827 | 0.057 | 7.5   | 0.065 | 0.000 | 7.5   | 15.772  | OK         |
| S16.11.2 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 70.29<br>5 | 68.87<br>0 | 68.903 | 0.033 | 2.0   | 0.037 | 0.000 | 2.0   | 4.236   | OK         |
| S16.12.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 70.41<br>0 | 68.98<br>5 | 69.049 | 0.064 | 14.1  | 0.073 | 0.000 | 14.1  | 29.760  | OK         |
| S16.13.0 | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 70.99<br>5 | 69.57<br>0 | 69.602 | 0.032 | 4.3   | 0.036 | 0.000 | 4.3   | 9.078   | OK         |
| S17.0.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 68.22<br>5 | 65.21<br>0 | 65.387 | 0.177 | 220.2 | 0.200 | 0.000 | 220.2 | 463.904 | OK         |
| S18.0.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 69.85<br>5 | 67.05<br>0 | 67.217 | 0.167 | 177.7 | 0.189 | 0.000 | 177.7 | 374.405 | OK         |
| S18.0.1  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 70.27<br>0 | 68.17<br>5 | 68.287 | 0.112 | 52.9  | 0.127 | 0.000 | 52.9  | 111.465 | OK         |
| S18.0.2  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 70.60<br>0 | 69.17<br>5 | 69.243 | 0.068 | 19.6  | 0.077 | 0.000 | 19.6  | 41.269  | OK         |
| S19.0.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 70.96<br>0 | 68.41<br>0 | 68.531 | 0.121 | 89.9  | 0.136 | 0.000 | 89.9  | 189.489 | OK         |
| S20.0.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 71.62<br>0 | 70.12<br>0 | 70.222 | 0.102 | 63.2  | 0.115 | 0.000 | 63.2  | 133.131 | OK         |
| S21.0.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 72.77<br>5 | 70.77<br>5 | 70.920 | 0.145 | 55.9  | 0.164 | 0.000 | 55.9  | 117.877 | OK         |
| S22.0.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 74.34<br>0 | 72.11<br>5 | 72.209 | 0.094 | 30.0  | 0.106 | 0.000 | 30.0  | 63.193  | OK         |
| S23.0.0  | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer | 74.01<br>5 | 72.59<br>0 | 72.644 | 0.054 | 8.6   | 0.061 | 0.000 | 8.6   | 18.156  | OK         |

|                                                                                                                   |  |  |  |                     |             |              |                                                                                     |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(1 in 100yr + 40% Climate Change) |  |  |  | Date:<br>29/06/2026 |             |              |  |  |  |  |  |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase                                                  |  |  |  | Designed by:        | Checked by: | Approved By: |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | J. Dunesby          | W. Nienaber | W. Nienaber  |                                                                                     |  |  |  |  |
|                                                                                                                   |  |  |  | Revision:<br>Rev 1  |             |              |                                                                                     |  |  |  |  |

|                     |                                                                   |            |            |        |       |      |        |        |      |         |            |
|---------------------|-------------------------------------------------------------------|------------|------------|--------|-------|------|--------|--------|------|---------|------------|
| HW24.0<br>(Outfall) | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 55.03<br>0 | 53.57<br>0 | 53.614 | 0.044 | 6.1  | 0.000  | 0.000  | 6.1  | 62.761  | OK         |
| S24.0.0             | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 360<br>mins: Summer  | 55.14<br>0 | 53.62<br>0 | 53.670 | 0.050 | 6.6  | 0.056  | 0.000  | 6.6  | 171.396 | OK         |
| S24.1.0<br>(FC)     | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 1440<br>mins: Summer | 55.77<br>0 | 53.78<br>0 | 55.796 | 2.016 | 13.8 | 28.118 | 25.867 | 6.6  | 369.406 | Flood      |
| S24.2.0             | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 1440<br>mins: Summer | 56.09<br>0 | 53.85<br>0 | 55.796 | 1.946 | 17.1 | 2.201  | 0.000  | 13.2 | 537.676 | Flood Risk |
| S24.3.0             | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 1440<br>mins: Summer | 57.67<br>5 | 55.16<br>5 | 55.796 | 0.631 | 10.7 | 0.714  | 0.000  | 10.7 | 236.574 | Surcharged |
| S24.4.0             | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 1440<br>mins: Summer | 57.90<br>5 | 55.28<br>0 | 55.797 | 0.517 | 9.6  | 0.584  | 0.000  | 9.6  | 211.748 | Surcharged |
| S24.8.0             | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 57.39<br>0 | 55.71<br>0 | 55.830 | 0.120 | 21.6 | 0.136  | 0.000  | 21.6 | 45.674  | OK         |
| S24.9.0             | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 120<br>mins: Summer  | 56.96<br>0 | 55.83<br>5 | 55.942 | 0.107 | 17.7 | 0.122  | 0.000  | 17.7 | 37.317  | OK         |
| S16.9.0<br>(FC)     | FEH2022<br>(100yr40CC): 100<br>years: +40 %: 180<br>mins: Winter  | 66.59<br>0 | 64.52<br>0 | 66.612 | 2.092 | 63.7 | 24.180 | 21.838 | 10.9 | 353.481 | Flood      |

|                                                                                                                   |  |  |  |                            |                            |                             |                                                                                     |  |
|-------------------------------------------------------------------------------------------------------------------|--|--|--|----------------------------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------|--|
| Project:<br>Mowbray (Land North of Horsham)<br>RM12 / RM13 - Hydraulic Model<br>(1 in 100yr + 40% Climate Change) |  |  |  | Date:<br>29/06/2026        |                            |                             |  |  |
| Report Details:<br>Type: Stormwater Controls Summary<br>Storm Phase: Phase                                        |  |  |  | Designed by:<br>J. Dunesby | Checked by:<br>W. Nienaber | Approved By:<br>W. Nienaber |                                                                                     |  |
|                                                                                                                   |  |  |  | Revision:<br>Rev 1         |                            |                             |                                                                                     |  |



**FEH2022 (100yr40CC): 100 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Resident Volume**

| Stormwater Control | Storm Event                                              | Max. US Level (m) | Max. DS Level (m) | Max. US Depth (m) | Max. DS Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Total Lost Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Percentage Available (%) | Status     |
|--------------------|----------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|--------------------------|------------------------|--------------------|-----------------------------|--------------------------|------------|
| Pond 2a            | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 55.900            | 55.900            | 1.890             | 1.890             | 319.8             | 4633.919                  | 0.000                    | 0.000                  | 151.5              | 8140.192                    | -8.976                   | Flood Risk |
| Pond 2c            | FEH2022 (100yr40CC): 100 years: +40 %: 120 mins: Winter  | 62.396            | 62.396            | 1.346             | 1.346             | 100.1             | 218.511                   | 0.000                    | 0.000                  | 9.9                | 103.191                     | -24.817                  | Flood Risk |
| Pond 2b            | FEH2022 (100yr40CC): 100 years: +40 %: 240 mins: Winter  | 63.443            | 63.443            | 1.243             | 1.243             | 112.0             | 535.434                   | 0.000                    | 0.000                  | 14.5               | 260.141                     | -20.398                  | Flood Risk |
| CRATES C12         | FEH2022 (100yr40CC): 100 years: +40 %: 1440 mins: Summer | 55.796            | 55.796            | 1.911             | 1.911             | 17.8              | 251.549                   | 0.000                    | 0.000                  | 4.5                | 168.458                     | 0.024                    | OK         |
| Pond 2d            | FEH2022 (100yr40CC): 100 years: +40 %: 120 mins: Winter  | 62.046            | 62.046            | 1.546             | 1.546             | 391.2             | 880.960                   | 0.000                    | 0.000                  | 70.5               | 495.437                     | -22.700                  | Flood Risk |
| CRATES C13         | FEH2022 (100yr40CC): 100 years: +40 %: 180 mins: Winter  | 66.612            | 66.612            | 2.072             | 2.072             | 62.1              | 194.930                   | 9.425                    | 0.000                  | 18.2               | 81.458                      | -5.089                   | Flood      |

## **Appendix J**

### **Southern Water Section 106 Approval Letter**



Your ref

## Contact

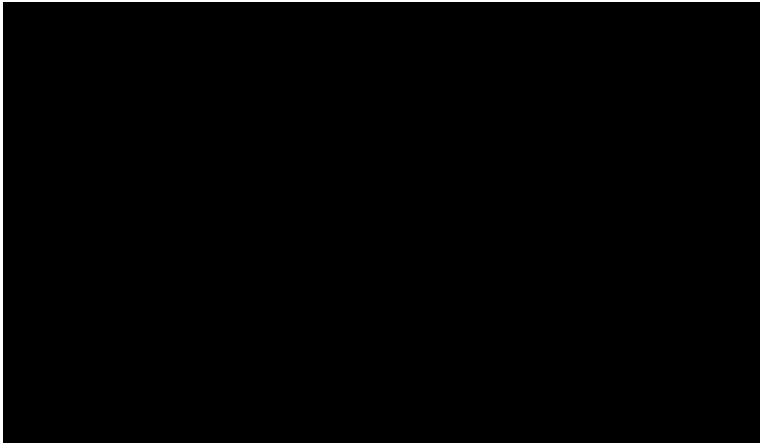
Southern Water Services Ltd, Registered Office: Southern House, Yeoman Road, Worthing, West Sussex, BN13 3NX Registered in England No. 2366670

- Landowner consent has not been obtained where your connection is to be made through another Party's land.

### **What Comes Next?**

Now you have received our approval, you will now need to arrange with your contractor to carry out your works on site to connect into our sewer.

Please contact Malcolm Penny our Assistant Adoption Manager for this area on 07922 860784 giving at least two full working days' notice, in order for a mutually convenient date and time for the inspection of the works to be arranged.





Hertfordshire

|

Oxfordshire

|

Cambridgeshire

|

Bristol

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[postbox@glanvillegroup.com](mailto:postbox@glanvillegroup.com) | [www.glanvillegroup.com](http://www.glanvillegroup.com)



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