

### Design Settings

|                                      |        |                                    |               |
|--------------------------------------|--------|------------------------------------|---------------|
| Rainfall Methodology                 | FEH-22 | Minimum Velocity (m/s)             | 1.00          |
| Return Period (years)                | 2      | Connection Type                    | Level Soffits |
| Additional Flow (%)                  | 0      | Minimum Backdrop Height (m)        | 0.200         |
| CV                                   | 1.000  | Preferred Cover Depth (m)          | 0.650         |
| Time of Entry (mins)                 | 5.00   | Include Intermediate Ground        | ✓             |
| Maximum Time of Concentration (mins) | 30.00  | Enforce best practice design rules | x             |
| Maximum Rainfall (mm/hr)             | 50.0   |                                    |               |

### Nodes

| Name        | Area<br>(ha) | T of E<br>(mins) | Cover<br>Level<br>(m) | Diameter<br>(mm) | Width<br>(mm) | Easting<br>(m) | Northing<br>(m) | Depth<br>(m) |
|-------------|--------------|------------------|-----------------------|------------------|---------------|----------------|-----------------|--------------|
| SW MH 01.00 | 0.004        | 5.00             | 15.093                | 450              |               | 496457.430     | 106292.140      | 1.500        |
| SW MH 01.50 |              |                  | 15.093                | 600              |               | 496452.330     | 106287.890      | 1.566        |
| SW MH 02.00 |              |                  | 14.160                | 450              |               | 496432.550     | 106270.460      | 0.648        |
| RG CATCHPIT |              |                  | 14.160                | 675              | 675           | 496432.000     | 106268.750      | 0.675        |

### Links

| Name    | US<br>Node  | DS<br>Node  | Length<br>(m) | ks (mm) /<br>n | US IL<br>(m) | DS IL<br>(m) | Fall<br>(m) | Slope<br>(1:X) | Dia<br>(mm) | T of C<br>(mins) | Rain<br>(mm/hr) |
|---------|-------------|-------------|---------------|----------------|--------------|--------------|-------------|----------------|-------------|------------------|-----------------|
| 1.000   | SW MH 01.00 | SW MH 01.50 | 6.614         | 0.600          | 13.893       | 13.827       | 0.066       | 100.2          | 100         | 5.14             | 50.0            |
| 1.002_1 | SW MH 02.00 | RG CATCHPIT | 1.796         | 0.600          | 13.512       | 13.485       | 0.027       | 66.5           | 100         | 5.84             | 50.0            |
| 1.002   | SW MH 01.50 | SW MH 02.00 | 29.107        | 0.600          | 13.827       | 13.562       | 0.265       | 109.8          | 100         | 5.81             | 50.0            |

| Name    | Vel<br>(m/s) | Cap<br>(l/s) | Flow<br>(l/s) | US<br>Depth<br>(m) | DS<br>Depth<br>(m) | Σ Area<br>(ha) | Σ Add<br>Inflow<br>(l/s) |
|---------|--------------|--------------|---------------|--------------------|--------------------|----------------|--------------------------|
| 1.000   | 0.768        | 6.0          | 0.7           | 1.100              | 1.166              | 0.004          | 0.0                      |
| 1.002_1 | 0.945        | 7.4          | 0.7           | 0.548              | 0.575              | 0.004          | 0.0                      |
| 1.002   | 0.733        | 5.8          | 0.7           | 1.166              | 0.498              | 0.004          | 0.0                      |

### Pipeline Schedule

| Link    | Length<br>(m) | Slope<br>(1:X) | Dia<br>(mm) | Link<br>Type | US CL<br>(m) | US IL<br>(m) | US Depth<br>(m) | DS CL<br>(m) | DS IL<br>(m) | DS Depth<br>(m) |
|---------|---------------|----------------|-------------|--------------|--------------|--------------|-----------------|--------------|--------------|-----------------|
| 1.000   | 6.614         | 100.2          | 100         | Circular     | 15.093       | 13.893       | 1.100           | 15.093       | 13.827       | 1.166           |
| 1.002_1 | 1.796         | 66.5           | 100         | Circular     | 14.160       | 13.512       | 0.548           | 14.160       | 13.485       | 0.575           |
| 1.002   | 29.107        | 109.8          | 100         | Circular     | 15.093       | 13.827       | 1.166           | 14.160       | 13.562       | 0.498           |

  

| Link    | US<br>Node  | Dia<br>(mm) | Node<br>Type | MH<br>Type | DS<br>Node  | Dia<br>(mm) | Width<br>(mm) | Node<br>Type | MH<br>Type |
|---------|-------------|-------------|--------------|------------|-------------|-------------|---------------|--------------|------------|
| 1.000   | SW MH 01.00 | 450         | Manhole      | Adoptable  | SW MH 01.50 | 600         |               | Manhole      | Adoptable  |
| 1.002_1 | SW MH 02.00 | 450         | Manhole      | Adoptable  | RG CATCHPIT | 675         | 675           | Manhole      | Adoptable  |
| 1.002   | SW MH 01.50 | 600         | Manhole      | Adoptable  | SW MH 02.00 | 450         |               | Manhole      | Adoptable  |

### Manhole Schedule

| Node        | Easting (m) | Northing (m) | CL (m) | Depth (m) | Dia (mm) | Width (mm) | Connections                                                                         | Link | IL (m)  | Dia (mm) |     |
|-------------|-------------|--------------|--------|-----------|----------|------------|-------------------------------------------------------------------------------------|------|---------|----------|-----|
| SW MH 01.00 | 496457.430  | 106292.140   | 15.093 | 1.500     | 450      |            |  | 0    | 1.000   | 13.893   | 100 |
| SW MH 01.50 | 496452.330  | 106287.890   | 15.093 | 1.566     | 600      |            |  | 1    | 1.000   | 13.827   | 100 |
| SW MH 02.00 | 496432.550  | 106270.460   | 14.160 | 0.648     | 450      |            |  | 0    | 1.002   | 13.827   | 100 |
|             |             |              |        |           |          |            |  | 1    | 1.002   | 13.562   | 100 |
| RG CATCHPIT | 496432.000  | 106268.750   | 14.160 | 0.675     | 675      | 675        |  | 1    | 1.002_1 | 13.512   | 100 |
|             |             |              |        |           |          |            |                                                                                     | 1    | 1.002_1 | 13.485   | 100 |

### Simulation Settings

|                      |          |                            |        |                         |   |
|----------------------|----------|----------------------------|--------|-------------------------|---|
| Rainfall Methodology | FEH-22   | Analysis Speed             | Normal | Starting Level (m)      |   |
| Rainfall Events      | Singular | Skip Steady State          | x      | Check Discharge Rate(s) | x |
| Summer CV            | 1.000    | Drain Down Time (mins)     | 240    | Check Discharge Volume  | x |
| Winter CV            | 1.000    | Additional Storage (m³/ha) | 0.0    |                         |   |

### Storm Durations

|    |     |     |     |     |      |      |      |      |       |
|----|-----|-----|-----|-----|------|------|------|------|-------|
| 15 | 60  | 180 | 360 | 600 | 960  | 2160 | 4320 | 7200 | 10080 |
| 30 | 120 | 240 | 480 | 720 | 1440 | 2880 | 5760 | 8640 |       |

| Return Period (years) | Climate Change (CC %) | Additional Area (A %) | Additional Flow (Q %) |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 1                     | 40                    | 10                    | 0                     |
| 30                    | 40                    | 10                    | 0                     |
| 100                   | 45                    | 10                    | 0                     |

### Node RG CATCHPIT Surcharged Outfall

|                                    |   |                               |   |                              |   |
|------------------------------------|---|-------------------------------|---|------------------------------|---|
| Overrides Design Area              | x | Depression Storage Area (m²)  | 0 | Evapo-transpiration (mm/day) | 0 |
| Overrides Design Additional Inflow | x | Depression Storage Depth (mm) | 0 |                              |   |

Applies to All storms

| Time (mins) | Depth (m) | Time (mins) | Depth (m) |
|-------------|-----------|-------------|-----------|
| 0           | 1.500     | 10080       | 0.000     |

### Node SW MH 01.50 Online Orifice Control

|                          |        |                   |       |                       |       |
|--------------------------|--------|-------------------|-------|-----------------------|-------|
| Flap Valve               | x      | Design Depth (m)  | 0.550 | Discharge Coefficient | 0.600 |
| Replaces Downstream Link | ✓      | Design Flow (l/s) | 0.5   |                       |       |
| Invert Level (m)         | 13.827 | Diameter (m)      | 0.016 |                       |       |

### Rainfall

| Event                                     | Peak<br>Intensity<br>(mm/hr) | Average<br>Intensity<br>(mm/hr) |
|-------------------------------------------|------------------------------|---------------------------------|
| 1 year +40% CC +10% A 15 minute summer    | 106.491                      | 30.133                          |
| 1 year +40% CC +10% A 15 minute winter    | 74.731                       | 30.133                          |
| 1 year +40% CC +10% A 30 minute summer    | 69.465                       | 19.656                          |
| 1 year +40% CC +10% A 30 minute winter    | 48.747                       | 19.656                          |
| 1 year +40% CC +10% A 60 minute summer    | 47.255                       | 12.488                          |
| 1 year +40% CC +10% A 60 minute winter    | 31.395                       | 12.488                          |
| 1 year +40% CC +10% A 120 minute summer   | 35.777                       | 9.455                           |
| 1 year +40% CC +10% A 120 minute winter   | 23.769                       | 9.455                           |
| 1 year +40% CC +10% A 180 minute summer   | 29.622                       | 7.623                           |
| 1 year +40% CC +10% A 180 minute winter   | 19.255                       | 7.623                           |
| 1 year +40% CC +10% A 240 minute summer   | 24.297                       | 6.421                           |
| 1 year +40% CC +10% A 240 minute winter   | 16.142                       | 6.421                           |
| 1 year +40% CC +10% A 360 minute summer   | 19.118                       | 4.920                           |
| 1 year +40% CC +10% A 360 minute winter   | 12.427                       | 4.920                           |
| 1 year +40% CC +10% A 480 minute summer   | 15.187                       | 4.013                           |
| 1 year +40% CC +10% A 480 minute winter   | 10.090                       | 4.013                           |
| 1 year +40% CC +10% A 600 minute summer   | 12.470                       | 3.411                           |
| 1 year +40% CC +10% A 600 minute winter   | 8.520                        | 3.411                           |
| 1 year +40% CC +10% A 720 minute summer   | 11.119                       | 2.980                           |
| 1 year +40% CC +10% A 720 minute winter   | 7.473                        | 2.980                           |
| 1 year +40% CC +10% A 960 minute summer   | 9.130                        | 2.404                           |
| 1 year +40% CC +10% A 960 minute winter   | 6.048                        | 2.404                           |
| 1 year +40% CC +10% A 1440 minute summer  | 6.652                        | 1.783                           |
| 1 year +40% CC +10% A 1440 minute winter  | 4.471                        | 1.783                           |
| 1 year +40% CC +10% A 2160 minute summer  | 4.848                        | 1.340                           |
| 1 year +40% CC +10% A 2160 minute winter  | 3.341                        | 1.340                           |
| 1 year +40% CC +10% A 2880 minute summer  | 4.130                        | 1.107                           |
| 1 year +40% CC +10% A 2880 minute winter  | 2.776                        | 1.107                           |
| 1 year +40% CC +10% A 4320 minute summer  | 3.318                        | 0.868                           |
| 1 year +40% CC +10% A 4320 minute winter  | 2.185                        | 0.868                           |
| 1 year +40% CC +10% A 5760 minute summer  | 2.903                        | 0.743                           |
| 1 year +40% CC +10% A 5760 minute winter  | 1.879                        | 0.743                           |
| 1 year +40% CC +10% A 7200 minute summer  | 2.611                        | 0.666                           |
| 1 year +40% CC +10% A 7200 minute winter  | 1.685                        | 0.666                           |
| 1 year +40% CC +10% A 8640 minute summer  | 2.406                        | 0.614                           |
| 1 year +40% CC +10% A 8640 minute winter  | 1.553                        | 0.614                           |
| 1 year +40% CC +10% A 10080 minute summer | 2.259                        | 0.576                           |
| 1 year +40% CC +10% A 10080 minute winter | 1.458                        | 0.576                           |
| 30 year +40% CC +10% A 15 minute summer   | 408.670                      | 115.639                         |
| 30 year +40% CC +10% A 15 minute winter   | 286.786                      | 115.639                         |
| 30 year +40% CC +10% A 30 minute summer   | 272.636                      | 77.147                          |
| 30 year +40% CC +10% A 30 minute winter   | 191.324                      | 77.147                          |
| 30 year +40% CC +10% A 60 minute summer   | 185.789                      | 49.099                          |
| 30 year +40% CC +10% A 60 minute winter   | 123.434                      | 49.099                          |
| 30 year +40% CC +10% A 120 minute summer  | 114.056                      | 30.142                          |
| 30 year +40% CC +10% A 120 minute winter  | 75.776                       | 30.142                          |
| 30 year +40% CC +10% A 180 minute summer  | 86.708                       | 22.313                          |
| 30 year +40% CC +10% A 180 minute winter  | 56.362                       | 22.313                          |
| 30 year +40% CC +10% A 240 minute summer  | 67.751                       | 17.905                          |
| 30 year +40% CC +10% A 240 minute winter  | 45.012                       | 17.905                          |
| 30 year +40% CC +10% A 360 minute summer  | 50.522                       | 13.001                          |
| 30 year +40% CC +10% A 360 minute winter  | 32.841                       | 13.001                          |

### Rainfall

| Event                                      | Peak<br>Intensity<br>(mm/hr) | Average<br>Intensity<br>(mm/hr) |
|--------------------------------------------|------------------------------|---------------------------------|
| 30 year +40% CC +10% A 480 minute summer   | 38.961                       | 10.296                          |
| 30 year +40% CC +10% A 480 minute winter   | 25.885                       | 10.296                          |
| 30 year +40% CC +10% A 600 minute summer   | 31.340                       | 8.572                           |
| 30 year +40% CC +10% A 600 minute winter   | 21.413                       | 8.572                           |
| 30 year +40% CC +10% A 720 minute summer   | 27.505                       | 7.372                           |
| 30 year +40% CC +10% A 720 minute winter   | 18.485                       | 7.372                           |
| 30 year +40% CC +10% A 960 minute summer   | 22.030                       | 5.801                           |
| 30 year +40% CC +10% A 960 minute winter   | 14.593                       | 5.801                           |
| 30 year +40% CC +10% A 1440 minute summer  | 15.487                       | 4.151                           |
| 30 year +40% CC +10% A 1440 minute winter  | 10.408                       | 4.151                           |
| 30 year +40% CC +10% A 2160 minute summer  | 10.814                       | 2.989                           |
| 30 year +40% CC +10% A 2160 minute winter  | 7.451                        | 2.989                           |
| 30 year +40% CC +10% A 2880 minute summer  | 8.897                        | 2.384                           |
| 30 year +40% CC +10% A 2880 minute winter  | 5.979                        | 2.384                           |
| 30 year +40% CC +10% A 4320 minute summer  | 6.757                        | 1.767                           |
| 30 year +40% CC +10% A 4320 minute winter  | 4.450                        | 1.767                           |
| 30 year +40% CC +10% A 5760 minute summer  | 5.655                        | 1.448                           |
| 30 year +40% CC +10% A 5760 minute winter  | 3.660                        | 1.448                           |
| 30 year +40% CC +10% A 7200 minute summer  | 4.908                        | 1.252                           |
| 30 year +40% CC +10% A 7200 minute winter  | 3.168                        | 1.252                           |
| 30 year +40% CC +10% A 8640 minute summer  | 4.389                        | 1.120                           |
| 30 year +40% CC +10% A 8640 minute winter  | 2.833                        | 1.120                           |
| 30 year +40% CC +10% A 10080 minute summer | 4.013                        | 1.024                           |
| 30 year +40% CC +10% A 10080 minute winter | 2.590                        | 1.024                           |
| 100 year +45% CC +10% A 15 minute summer   | 530.252                      | 150.043                         |
| 100 year +45% CC +10% A 15 minute winter   | 372.107                      | 150.043                         |
| 100 year +45% CC +10% A 30 minute summer   | 356.114                      | 100.768                         |
| 100 year +45% CC +10% A 30 minute winter   | 249.905                      | 100.768                         |
| 100 year +45% CC +10% A 60 minute summer   | 245.224                      | 64.805                          |
| 100 year +45% CC +10% A 60 minute winter   | 162.921                      | 64.805                          |
| 100 year +45% CC +10% A 120 minute summer  | 147.438                      | 38.964                          |
| 100 year +45% CC +10% A 120 minute winter  | 97.955                       | 38.964                          |
| 100 year +45% CC +10% A 180 minute summer  | 111.452                      | 28.680                          |
| 100 year +45% CC +10% A 180 minute winter  | 72.446                       | 28.680                          |
| 100 year +45% CC +10% A 240 minute summer  | 86.923                       | 22.971                          |
| 100 year +45% CC +10% A 240 minute winter  | 57.750                       | 22.971                          |
| 100 year +45% CC +10% A 360 minute summer  | 64.794                       | 16.674                          |
| 100 year +45% CC +10% A 360 minute winter  | 42.118                       | 16.674                          |
| 100 year +45% CC +10% A 480 minute summer  | 50.056                       | 13.228                          |
| 100 year +45% CC +10% A 480 minute winter  | 33.256                       | 13.228                          |
| 100 year +45% CC +10% A 600 minute summer  | 40.326                       | 11.030                          |
| 100 year +45% CC +10% A 600 minute winter  | 27.553                       | 11.030                          |
| 100 year +45% CC +10% A 720 minute summer  | 35.429                       | 9.495                           |
| 100 year +45% CC +10% A 720 minute winter  | 23.810                       | 9.495                           |
| 100 year +45% CC +10% A 960 minute summer  | 28.388                       | 7.475                           |
| 100 year +45% CC +10% A 960 minute winter  | 18.805                       | 7.475                           |
| 100 year +45% CC +10% A 1440 minute summer | 19.925                       | 5.340                           |
| 100 year +45% CC +10% A 1440 minute winter | 13.391                       | 5.340                           |
| 100 year +45% CC +10% A 2160 minute summer | 13.845                       | 3.826                           |
| 100 year +45% CC +10% A 2160 minute winter | 9.540                        | 3.826                           |
| 100 year +45% CC +10% A 2880 minute summer | 11.326                       | 3.035                           |
| 100 year +45% CC +10% A 2880 minute winter | 7.612                        | 3.035                           |

**Rainfall**

| Event                                       | Peak<br>Intensity<br>(mm/hr) | Average<br>Intensity<br>(mm/hr) |
|---------------------------------------------|------------------------------|---------------------------------|
| 100 year +45% CC +10% A 4320 minute summer  | 8.488                        | 2.219                           |
| 100 year +45% CC +10% A 4320 minute winter  | 5.590                        | 2.219                           |
| 100 year +45% CC +10% A 5760 minute summer  | 7.017                        | 1.796                           |
| 100 year +45% CC +10% A 5760 minute winter  | 4.542                        | 1.796                           |
| 100 year +45% CC +10% A 7200 minute summer  | 6.030                        | 1.538                           |
| 100 year +45% CC +10% A 7200 minute winter  | 3.892                        | 1.538                           |
| 100 year +45% CC +10% A 8640 minute summer  | 5.344                        | 1.363                           |
| 100 year +45% CC +10% A 8640 minute winter  | 3.449                        | 1.363                           |
| 100 year +45% CC +10% A 10080 minute summer | 4.849                        | 1.237                           |
| 100 year +45% CC +10% A 10080 minute winter | 3.129                        | 1.237                           |

**Results for 1 year +40% CC +10% A Critical Storm Duration. Lowest mass balance: 19.61%**

| Node Event        | US<br>Node  | Peak<br>(mins) | Level<br>(m) | Depth<br>(m) | Inflow<br>(l/s) | Node<br>Vol (m³) | Flood<br>(m³) | Status     |
|-------------------|-------------|----------------|--------------|--------------|-----------------|------------------|---------------|------------|
| 600 minute winter | SW MH 01.00 | 630            | 14.143       | 0.250        | 0.1             | 0.0398           | 0.0000        | SURCHARGED |
| 600 minute winter | SW MH 01.50 | 585            | 14.143       | 0.316        | 0.1             | 0.0895           | 0.0000        | SURCHARGED |
| 600 minute winter | SW MH 02.00 | 585            | 14.143       | 0.631        | 0.1             | 0.1004           | 0.0000        | FLOOD RISK |
| 15 minute summer  | RG CATCHPIT | 1              | 14.985       | 1.500        | 0.0             | 0.0000           | 0.0000        | OK         |

| Link Event<br>(Upstream Depth) | US<br>Node  | Link    | DS<br>Node  | Outflow<br>(l/s) | Velocity<br>(m/s) | Flow/Cap | Link<br>Vol (m³) | Discharge<br>Vol (m³) |
|--------------------------------|-------------|---------|-------------|------------------|-------------------|----------|------------------|-----------------------|
| 600 minute winter              | SW MH 01.00 | 1.000   | SW MH 01.50 | 0.1              | 0.147             | 0.017    | 0.0518           |                       |
| 600 minute winter              | SW MH 01.50 | Orifice | SW MH 02.00 | 0.1              |                   |          |                  |                       |
| 600 minute winter              | SW MH 02.00 | 1.002_1 | RG CATCHPIT | 0.0              | 0.000             | 0.000    | 0.0141           | 0.0                   |

**Results for 30 year +40% CC +10% A Critical Storm Duration. Lowest mass balance: 19.61%**

| Node Event        | US<br>Node  | Peak<br>(mins) | Level<br>(m) | Depth<br>(m) | Inflow<br>(l/s) | Node<br>Vol (m³) | Flood<br>(m³) | Status     |
|-------------------|-------------|----------------|--------------|--------------|-----------------|------------------|---------------|------------|
| 240 minute summer | SW MH 01.00 | 152            | 14.535       | 0.642        | 0.8             | 0.1020           | 0.0000        | SURCHARGED |
| 240 minute summer | SW MH 01.50 | 152            | 14.535       | 0.708        | 0.5             | 0.2002           | 0.0000        | SURCHARGED |
| 480 minute winter | SW MH 02.00 | 216            | 14.160       | 0.648        | 0.3             | 0.1030           | 2.6187        | FLOOD      |
| 15 minute summer  | RG CATCHPIT | 1              | 14.985       | 1.500        | 0.0             | 0.0000           | 0.0000        | OK         |

| Link Event<br>(Upstream Depth) | US<br>Node  | Link    | DS<br>Node  | Outflow<br>(l/s) | Velocity<br>(m/s) | Flow/Cap | Link<br>Vol (m³) | Discharge<br>Vol (m³) |
|--------------------------------|-------------|---------|-------------|------------------|-------------------|----------|------------------|-----------------------|
| 240 minute summer              | SW MH 01.00 | 1.000   | SW MH 01.50 | 0.5              | 0.361             | 0.087    | 0.0518           |                       |
| 240 minute summer              | SW MH 01.50 | Orifice | SW MH 02.00 | 0.3              |                   |          |                  |                       |
| 480 minute winter              | SW MH 02.00 | 1.002_1 | RG CATCHPIT | 0.0              | 0.000             | 0.000    | 0.0141           | 0.0                   |

**Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 19.61%**

| Node Event        | US<br>Node  | Peak<br>(mins) | Level<br>(m) | Depth<br>(m) | Inflow<br>(l/s) | Node<br>Vol (m³) | Flood<br>(m³) | Status     |
|-------------------|-------------|----------------|--------------|--------------|-----------------|------------------|---------------|------------|
| 120 minute summer | SW MH 01.00 | 82             | 14.776       | 0.883        | 1.7             | 0.1405           | 0.0000        | SURCHARGED |
| 120 minute summer | SW MH 01.50 | 82             | 14.776       | 0.949        | 1.0             | 0.2686           | 0.0000        | SURCHARGED |
| 720 minute winter | SW MH 02.00 | 285            | 14.160       | 0.648        | 0.3             | 0.1030           | 4.0870        | FLOOD      |
| 15 minute summer  | RG CATCHPIT | 1              | 14.985       | 1.500        | 0.0             | 0.0000           | 0.0000        | OK         |

| Link Event<br>(Upstream Depth) | US<br>Node  | Link    | DS<br>Node  | Outflow<br>(l/s) | Velocity<br>(m/s) | Flow/Cap | Link<br>Vol (m³) | Discharge<br>Vol (m³) |
|--------------------------------|-------------|---------|-------------|------------------|-------------------|----------|------------------|-----------------------|
| 120 minute summer              | SW MH 01.00 | 1.000   | SW MH 01.50 | 1.0              | 0.381             | 0.167    | 0.0518           |                       |
| 120 minute summer              | SW MH 01.50 | Orifice | SW MH 02.00 | 0.4              |                   |          |                  |                       |
| 720 minute winter              | SW MH 02.00 | 1.002_1 | RG CATCHPIT | 0.0              | 0.000             | 0.000    | 0.0141           | 0.0                   |