

Information taken from Ciria C753 SuDS Manual 2015 - Tables 26.2 & 26.3

|                                                                                                                         | <b>pollution hazard level</b> | <b>total suspended solids</b> | <b>metals</b> | <b>hydro carbons</b> |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|---------------|----------------------|
| residential roofs                                                                                                       | very low                      | 0.2                           | 0.2           | 0.05                 |
| Other roofs (commercial or industrial)                                                                                  | Low                           | 0.3                           | 0.2           | 0.05                 |
| Individual property driveways, residential car parks, low traffic roads                                                 | low                           | 0.5                           | 0.4           | 0.4                  |
| Commercial yard and delivery parking areas, non residential car parking with frequent change.                           | medium                        | 0.7                           | 0.6           | 0.7                  |
| Sites with Heavy Pollution, sites where chemicals and fuels are to be delivered, handled, stored, used or manufactured. | High                          | 0.64                          | 0.64          | 0.81                 |

 Pollution Hazard accounted for on site

|                     |  | <b>Mitigation Indices</b> |     |     |
|---------------------|--|---------------------------|-----|-----|
| Filter Strip        |  | 0.4                       | 0.4 | 0.5 |
| Filter Drain        |  | 0.16                      | 0.4 | 0.4 |
| Swale               |  | 0.5                       | 0.6 | 0.6 |
| Bioretention System |  | 0.8                       | 0.8 | 0.8 |
| Permeable Pavement  |  | 0.7                       | 0.6 | 0.7 |
| Detention Basin     |  | 0.5                       | 0.5 | 0.6 |
| Pond                |  | 0.343                     | 0.7 | 0.5 |
| Wetland             |  | 0.512                     | 0.8 | 0.8 |

 SuDS proposed on site