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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Source** | **Pathway** | **Receptor** | **Harm** | **Likelihood** | **Consequence** | **Magnitude of Risk** | **Justification of Magnitude** | **Risk Management** | **Residual Risk** |
| Point source during transfer from tanker to tank | Air | Staff | Inhalation of VOCsRelease of odour | Low | Medium | Low – Medium | Site staff to have full PPE. Unloading process will be enclosed. | ISO14001.Full PPE provided.Short duration associated with connecting tanker.Maintenance of all tanks and pipe work.Training for all staff. | Low |
| Point source during transfer from tanker to tank | Air | Local residents | Inhalation of VOCsRelease of odour | Low | Medium | Low – Medium | No nearby residents | ISO14001.Closest residents c650m distantShort duration associated with connecting tanker.Likelihood of off-site emissions is very low.Maintenance of all tanks and pipe work.Training for all staff. | Very low |
| Transfer between tank and tanker | Air | Staff | Inhalation of VOCsRelease of odour | Low | Medium | Low – Medium | No nearby residents | ISO14001.Short duration associated with connecting tanker. Likelihood of off-site emissions is very low. | Very low |
| Transfer between tank and tanker | Air | Local residents | Inhalation of VOCsRelease of odour | Low | Medium | Low – Medium | No nearby residents | ISO14001.Closest residents c650m distantShort duration associated with connecting tanker. Likelihood of off-site emissions is very low. | Very low |
| Transfer of water to foul sewer | Air/Water | Staff | Inhalation of VOCsRelease of odour | Low | Low | Low | Water to enter foul sewer via oil interceptor to remove any residual oil | ISO14001.Full maintenance of drainage system, gullies, pipe-work and interceptor. | Very low |
| Transfer of water to foul sewer | Air/Water | Local residents | Inhalation of VOCsRelease of odour | Low | Low | Low | Water to enter foul sewer via oil interceptor to remove any residual oil | ISO14001.Full maintenance of drainage system, gullies, pipe-work and interceptor. | Very low |