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| **Date:** |  |  |  |  |  |  |  |  |  |  |  |
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| **Assessors Name:** |  | **Reference Number:** | EMS RA 001 | **Review:** | After 3 months or when significant change to the equipment/process |
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| **Implemented By:** |  | **Signature:** |  | **Position:** |  | **Date:** |  |
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| **Description of task and assessment** | Managing Road Sweepers |  |
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| **Location Details** |  |

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| **Identified Hazards** | **Harm / Receptor** | **Initial Risk**  | **Control measures** | **Residual****Risk** | **Remarks** |
| Containment of road sweeper arising’s | Discharge of silt into watercourse, groundwater, surface water system and or land | High | * Refer to **EMS guidance - road sweepers.**
* Storage area must not be located within 50m of a spring, well or borehole; within 10m of a watercourse; ditch or drainage channel; drains / manholes; or at areas at risk of flooding.
* Street sweepings must only be stored and dewatered on an impermeable surface with sealed drainage.
* The area must be kept secure place with no public access.
* Sweepings will only be tipped in an appropriately signed and dedicated pit or container (with sealed drainage).
* Silts within the water will be left to settle-out for a minimum period of 24 hours.
* Waters will be checked / filtered to remove silts / oils (where necessary).
* No waste (water, silt, litter, etc.) will be stored for longer than 3 months – the pit / container will be regularly emptied and maintained.
* Where possible (and suitable) the re-use of water is to be prioritised e.g. water suppression, toilets.
* Disposal – water which cannot be re-used must be either:

a) Removed from site by a suitably authorised waste carrier; orb) Discharged to foul under a Trade Effluent Consent.* Any residual wastes (e.g. silt, metals, litter etc.) must be removed by an appropriately authorised waste contractor (e.g. placed in skips provided).
* Request a copy of permit prior to any waste leaving site.
* All operatives must be briefed on use of the road. Sweeper washout point / suppliers made aware of requirement to use dedicated road sweeper washout point only.
* Water / containment should be monitored regularly to ensure water treatment is effective and contained.
* Have emergency provision in place in the event of an incident

Cease all activities if there is a risk to water, air, soil, plants or animals. | Medium |  |
| Containment of road sweeper arising’s  | Discharge of high pH waters to watercourse, groundwater, surface water system and or land | High | * Storage area must not be located within 50m of a spring, well or borehole; within 10m of a watercourse; ditch or drainage channel; drains / manholes; or at areas at risk of flooding.
* Street sweepings must only be stored and dewatered on an impermeable surface with sealed drainage.
* The area must be kept secure place with no public access.
* Sweepings will only be tipped in an appropriately signed and dedicated pit or container (with sealed drainage).
* Silts within the water will be left to settle-out for a minimum period of 24 hours.
* Where possible (and suitable) the re-use of water is to be prioritised e.g. water suppression, toilets.
* pH of waters will be checked, if between 6-9 pH waters can be considered ‘safe' for use in dust suppression activities.
* No waste (water, silt, litter, etc.) will be stored for longer than 3 months – the pit / container will be regularly emptied and maintained.
* Disposal – water which cannot be re-used must be either:

a) Removed from site by a suitably authorised waste carrier; orb) Discharged to foul under a Trade Effluent Consent.* Any residual wastes (e.g. silt, metals, litter etc.) must be removed by an appropriately authorised waste contractor (e.g. placed in skips provided) .
* Request a copy of permit prior to any waste leaving site.
* All operatives must be briefed on use of the road sweeper washout point / suppliers made aware of requirement to use dedicated road sweeper washout point only.
* Water / containment should be monitored regularly to ensure water treatment is effective and contained.
* Have emergency provision in place in the event of an incident.

Cease all activities if there is a risk to water, air, soil, plants or animals. | Medium |  |
| Material storage (COSHH, fuel etc) | Local water courses, ground water and soil  | Medium | Do not store materials where:* There is a risk of impact or collision from traffic (fence off if required).
* Within 50m of a spring, well or borehole.
* Within 10m of a watercourse, ditch, or drainage channel.
* Where spills could enter drains / manhole covers / unmade ground.
* In areas at risk of flooding.

Cease all activities if there is a risk to water, air, soil, plants or animals. | Low |  |

**Guidance Notes**

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| **LIKELIHOOD OF HARM** |
| **Highly likely** | **Possible** | **Unlikely** |
| **SEVERITY****OF****HARM** | **Major environmental incident** | **High** | **High** | **Medium** |
| **Significant environmental incident** | **High** | **Medium** | **Low** |
| **Minor environmental incident**  | **Medium** | **Low** | **Low** |

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| **LOW** | **MEDIUM** | **HIGH** |
| **Continue with existing control measures and ensure all reasonably practicable measures to reduce the risk to as low as possible put in place. Monitor for changes. Implement any additional control measures required, within the timescales given in the****risk assessment.** | **May require additional reasonably practicable measures to reduce the risk to as low as possible. Must ensure regular ongoing monitoring of the task. Implement any additional control measures required, within the timescales given in the****risk assessment.** | **Requires attention to reduce the risk, implement reasonably practicable measures to reduce the risk as low as possible. Must ensure regular ongoing monitoring of the task. Implement any additional control measures required, within the timescales given in the****risk assessment.** |