

<b>Project:</b>	Site + Depot Road Sweeper Operations	<b>RA No:</b>	39	<b>Review Date</b>
<b>Operation / Task:</b>	Use of Mechanical Road Sweeper	<b>Persons at risk:</b>	Drivers/Customers	<b>31/01/2027</b>
<b>Location / Area:</b>	Use of Mechanical Road Sweeper	<b>Public at risk:</b>	Yes	
<b>Monitoring Responsibility:</b>	HSQE Team, Fleet Director, National Transport Manager, Sweeper Manager, Transport Compliance Manager			

**KEY**

**S = Severity Rating**

**L = Likelihood of Occurrence**

**RR = Risk Rating**

5	5	10	15	20	25	<b>R</b> Unacceptable risk, plan out or add further controls. <b>O</b> Acceptable only if no other method viable & with high level controls in place. <b>Y</b> Acceptable with suitable controls. <b>G</b> Acceptable, no further action required.
4	4	8	12	16	20	
3	3	6	9	12	15	
2	2	4	6	8	10	
1	1	2	3	4	5	
		1	2	3	4	5

Severity

Likelihood

Activity	Hazards/Risks Identified	Risk Rating			Control Measures	Residual Risk			Responsibility
		S	L	RR		S	L	RR	
Mechanical Road Sweeper Operations  Daily checks / Defect Reporting Procedure  Competence	Use of road sweeper when it is not safe for use resulting in possible malfunction.  Sweeper misuse  Oil spillages  Property damage  Personal injury, fatality, property damage, environmental impact.	4	4	16	<ul style="list-style-type: none"> <li>Daily vehicle pre-start checks are carried out in accordance with Lynch policies and procedures.</li> <li>All daily checks must be completed via the Aquarius driver app.</li> <li>Where defects are recorded, provide as much detail as possible including photographs where possible.</li> <li>Where defects are a risk to safety or other road users/persons, DO NOT start work, report to your line manager.</li> <li>All operations and driving must be carried out in line with manufacturers instructions, user guides and training.</li> <li>All drivers must adhere to the working time with the use of a tacho under domestic rules. All drivers hold valid HGV driving licences which are checked and authorised by the Transport Compliance Department prior to driving a sweeper.</li> </ul>	4	2	8	HSQE Team Fleet Director National Transport Manager Sweeper Manager Road Sweeper Driver
Mechanical Road Sweeper Operations  Falls from height Slips/Trips/Falls	Persons falling from height resulting in personal injury.  Personnel accessing vehicle components that they are not trained to.	4	4	16	<ul style="list-style-type: none"> <li>Whilst completing the daily checks or during the operation of the road sweeper, at no time or for any reason should the driver/operator climb onto the vehicle body or cab, other than via manufacturer fitted access/egress steps. Should attention be required to any equipment mounted high on the vehicle body, cab roof, suction boom or beacons etc, this should be reported to a line manager, to be rectified by a technician.</li> </ul>	4	2	8	HSQE Team Fleet Director National Transport Manager Sweeper Manager Road Sweeper Driver

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**KEY**

Most effective  
Least effective

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- Negligible
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- Major Injury (RIDDOR)
- Fatality
- Multiple Fatality

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- Improbable
- Remote 1 – 10%
- Possible 10 – 50%
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	Likelihood					

Activity	Hazards/Risks Identified	Risk Rating			Control Measures	Residual Risk			Responsibility
		S	L	RR		S	L	RR	
	Lack of work at height access equipment on site.				<ul style="list-style-type: none"> <li>Ensure that 3 points of contract is maintained when entering/exiting the vehicle.</li> <li>DO NOT jump down from the cab or manufacturer fitted platforms/steps.</li> </ul>				
Mechanical Road Sweeper Operations  Drivers accessing and exiting the vehicle.	Falls from height resulting in personal injury.  Slips/Trips/Falls	4	4	16	<ul style="list-style-type: none"> <li>Enter the cab facing forwards on the correct side for the driving position, maintaining 3 points of contact at all times.</li> <li>Ensure that the steps are clean and free from slip hazards and contamination.</li> <li>Enter cab fully to seated position before closing the door.</li> <li>When exiting the cab, ensure that the door will stay in the open position, leave the cab backwards as a reversal of procedure when entering the cab, ensure foot to step location before transferring weight, maintaining 3 points of contact.</li> <li>Never jump from any platform from the vehicle to the ground.</li> </ul>	4	2	8	HSQE Team Fleet Director National Transport Manager Sweeper Manager Road Sweeper Driver
Mechanical Road Sweeper Operations  General access/egress Housekeeping	Slips/Trips/Falls Falls from height resulting in personal injury.	4	4	16	<ul style="list-style-type: none"> <li>Ensure that the steps are clean and free from slip hazards and contamination.</li> <li>Keep the cab clean and tidy. DO NOT store anything in the footwell.</li> <li>Ensure that footwear is kept clean including the soles.</li> <li>Safety boots must be worn when exiting the vehicle on site.</li> <li>Only enter/exit the vehicle on firm stable ground.</li> </ul>	4	2	8	HSQE Team Fleet Director National Transport Manager Sweeper Manager Road Sweeper Driver

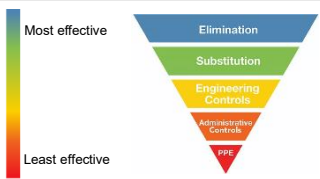
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1. Negligible	1. Improbable	5	5	10	15	20	25	<table border="0"> <tr> <td><b>R</b></td> <td>Unacceptable risk, plan out or add further controls.</td> </tr> <tr> <td><b>O</b></td> <td>Acceptable only if no other method viable &amp; with high level controls in place.</td> </tr> <tr> <td><b>Y</b></td> <td>Acceptable with suitable controls.</td> </tr> <tr> <td><b>G</b></td> <td>Acceptable, no further action required.</td> </tr> </table>	<b>R</b>	Unacceptable risk, plan out or add further controls.	<b>O</b>	Acceptable only if no other method viable & with high level controls in place.	<b>Y</b>	Acceptable with suitable controls.	<b>G</b>	Acceptable, no further action required.
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2. Minor Injury	2. Remote 1 – 10%	4	4	8	12	16	20									
3. Major Injury (RIDDOR)	3. Possible 10 – 50%	3	3	6	9	12	15									
4. Fatality	4. Probable 50 – 90%	2	2	4	6	8	10									
5. Multiple Fatality	5. Almost certain 90%+	1	1	2	3	4	5									

Likelihood

Activity	Hazards/Risks Identified	Risk Rating			Control Measures	Residual Risk			Responsibility
		S	L	RR		S	L	RR	
Mechanical Road Sweeper Operations  Hazards travelling to and from site	Confusion of surrounding pedestrians and other highway users when sweeper not in operation.	4	4	16	<ul style="list-style-type: none"> <li>Prepare for the journey prior to starting and setting off by ensuring that the route is planned.</li> <li>Ensure that direction warning arrow on rear of the vehicle remains covered or in the up position when the vehicle is being driven as a normal road vehicle – not sweeping.</li> <li>Observe national and site traffic rules and speed limits.</li> <li>DO NOT deviate from traffic routes.</li> <li>Be aware of pedestrian routes.</li> </ul>	4	2	8	HSQE Team Fleet Director National Transport Manager Sweeper Manager Road Sweeper Driver
Mechanical Road Sweeper Operations  Arrival at site destination	Driver unaware of site rules, hazards present, traffic routes.	4	4	16	<ul style="list-style-type: none"> <li>All drivers must report to security/reception upon arrival to site.</li> <li>On arrival set direction-warning arrow and ensure orange beacon is switched on.</li> <li>All drivers must have completed a site induction/site orientation prior to starting work.</li> <li>All drivers must have been briefed onto associated RAMS, briefings and task brief, POWRA.</li> </ul>	4	2	8	HSQE Team Fleet Director National Transport Manager Sweeper Manager Road Sweeper Driver
Mechanical Road Sweeper Operations  Filling sweeper with water	Slips/Trips/Falls, pinch points when connecting to hydrant.  Loose debris from brush, resulting in eye or face injuries.	4	4	16	<ul style="list-style-type: none"> <li>When filling the vehicle water tank from a designated hydrant, position the vehicle to allow the operator to work protected from other traffic. Collect the necessary equipment before opening / lifting any access cover. Connect the standpipe and hose to allow water to be drawn, remaining aware of pedestrians in the area. DO NOT leave an open / raised cover un-attended at any time. When the water fill up is completed</li> </ul>	4	2	8	HSQE Team Fleet Director National Transport Manager Sweeper Manager Road Sweeper Driver

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- Negligible
- Minor Injury
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Severity	5	10	15	20	25
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Likelihood

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Activity	Hazards/Risks Identified	Risk Rating			Control Measures	Residual Risk			Responsibility
		S	L	RR		S	L	RR	
General activities, operations	Noise pollution during operation. Hearing loss or damage			20	<p>the standpipe should be removed and the cover closed before stowing any equipment used.</p> <ul style="list-style-type: none"> <li>Beacons must be operational during sweeping activities.</li> <li>When reversing use mirrors and cameras fitted, do not rely on reversing bleeper.</li> <li>All operations must be carried out in line with manufacturer's instructions, user guides and training.</li> <li>When sweeping a highway, it should only be carried out on the left side of the carriageway with the traffic passing on the right, with the exception of one-way streets when the arrow should be reset according to which side is being swept.</li> <li>If sweeping is required to be carried out on the outer lane of a dual carriageway, then appropriate traffic management, in the form of static or mobile lane closure techniques, must be arranged.</li> <li>Whilst sweeping, keep vigilant with regard to other road users, especially when negotiating parked vehicles.</li> <li>Whilst on customer's site you must be aware, and comply with, all site health and safety instructions and regulations. Also beware of other persons and vehicles on site.</li> <li>If sweeping on public roads take extra care when passing members of the public stood near to footway edge e.g., bus queues, especially in wet weather.</li> </ul>			20	

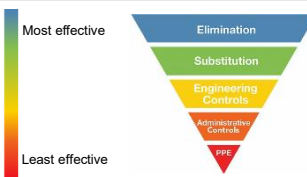
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		S	L	RR		S	L	RR	
					<ul style="list-style-type: none"> <li>Ensure that the correct PPE is worn at all times, wear hearing protection where required.</li> <li>Eye protection must be worn when filling up, emptying and cleaning.</li> </ul>				
Mechanical Road Sweeper Operations	Working near an open pit, falls from height, working near water	4	4	16	<ul style="list-style-type: none"> <li>Edge protection must be in place around the tipping pit.</li> <li>Never walk behind the sweeper when the body is raised.</li> <li>Never walk in front of a tipping pit which does not have edge protection. DO NOT take short cuts.</li> <li>Never step over the pit, these can be over 3ft in depth.</li> <li>Use pedestrian walkways provided.</li> <li>Where a bridge is in place over the pit, use this to wash out the rear body. Use the pedestrian walkways to gain access.</li> <li>Ensure the correct PPE is worn, waterproof hi visibility top &amp; bottoms or coveralls, safety boots, hard hat, safety gloves and goggles.</li> <li>If at any point you feel that the tipping area is unsafe, STOP and contact your line manager.</li> <li>Take caution when walking with the lance. Be aware of your surroundings at all times.</li> <li>Lance to be used in line with training and manufacturers user guides and instructions.</li> </ul>	4	2	8	HSQE Team Fleet Director National Transport Manager Sweeper Manager Road Sweeper Driver Site Management
Filling sweeper with water	Loose debris from brush, resulting in eye or face injuries.  Noise pollution during operation. Hearing loss or damage								
Mechanical Road Sweeper	Collisions, struck by, crush injuries.	4	4	16	<ul style="list-style-type: none"> <li>Always be aware of the possibility of children running behind, or attempting to climb onto, the rear of the vehicle, in particular during school holidays.</li> </ul>	4	2	8	HSQE Team Fleet Director

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Severity

Likelihood

Activity	Hazards/Risks Identified	Risk Rating			Control Measures	Residual Risk			Responsibility
		S	L	RR		S	L	RR	
Operations	Property damage				<ul style="list-style-type: none"> <li>Be vigilant of other road users during sweeping activities.</li> <li>Ensure that directional arrows are set correctly.</li> <li>Operate the sweeper in line with manufacturer user guides, instructions and training.</li> <li>DO NOT operate on pedestrian footways.</li> <li>Ensure that PPE is worn. Wear ear defenders when sweeping in noisy conditions.</li> <li>DO NOT carry out any maintenance in residential areas.</li> <li>At the end of the shift, discharging the load should be carried out correctly and in accordance with all the relevant legislation, including environmental legislation.</li> </ul>				National Transport Manager Sweeper Manager Road Sweeper Driver Site Management
Members of the public and other road users affected. Schools, Bus Stops when operating on highways.	Environmental impact Noise pollution Spillages								
Mechanical Road Sweeper Operations	Musculoskeletal injuries from manual handling, bending and moving gully sucker and lance.	4	4	16	<ul style="list-style-type: none"> <li>Lance and gully sucker to be used in line with training and manufacturers user guides and instructions.</li> <li>Never point a lance at persons, animals or fragile objects. This must only be directed at and used on the road sweeper or ground for cleaning activities.</li> <li>When using the gully sucker take care when manoeuvring and keep your feet parallel to the attachment. DO NOT twist your body as this will increase the risk of a back injury.</li> <li>Where gully suckers have a remote, always ensure that this is stowed away correctly secured to the holder.</li> </ul>	4	2	8	HSQE Team Fleet Director National Transport Manager Sweeper Manager Road Sweeper Driver Site Management
Use of lance & gully sucker	Slips/Trips/Falls								
Manual Handling	Working above an open manhole								

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					<ul style="list-style-type: none"> <li>Where gully suckers do not have a remote, take care when releasing it from the hook as it will be sprung loaded.</li> <li>Always focus on the task at hand avoiding distractions.</li> </ul>				
Mechanical Road Sweeper Operations	Musculoskeletal injuries from manual handling, bending and moving gully sucker and lance.	4	4	16	<ul style="list-style-type: none"> <li>Ensure that the working area is segregated from pedestrians and other vehicles. Use physical barriers where possible.</li> <li>When lifting gully covers use the correct tools and gully keys provided for the task.</li> <li>When cleaning out the wheel wash, this will be opened up by an authorised competent operator using plant lifting equipment as per the site-specific risk assessment and safe system of work. When this opened the driver can then use the gully sucker and lance to clean this out. Under no circumstances is the driver to open the cover of a wheel wash or interceptor.</li> <li>PPE must be worn at all times, waterproof hi visibility top &amp; bottoms or coveralls, safety boots, hard hat, safety gloves and goggles.</li> <li>All components must be cleaned used the lance prior to stowing away and driving.</li> </ul>	4	2	8	HSQE Team Fleet Director National Transport Manager Sweeper Manager Road Sweeper Driver Site Management
Use of lance & gully sucker	Slips/Trips/Falls								
Manual Handling	Working above an open manhole								
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<b>Risk Assessment Prepared By:</b>	Paul Lynch	<b>Signature:</b>		<b>Date:</b>	31/01/2026
<b>Risk Assessment Reviewed By:</b>	Daniela Rizvan	<b>Signature:</b>		<b>Date:</b>	31/01/2026

