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| | Activity Description | **Use of Vacuum System to remove liquid waste** | | | | | | --- | --- | --- | --- | --- | --- | | Equipment Used | HGV Vacuum System | | | | | | Substances Used | None | | | | | | Assessment  Ref No. | **AQU01** | Project |  | Location |  | | Assessor Name | Andy Gunton | Assessment Date | April 2025 | Review Date | April 2026 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  | **Severity –** *What Type of Injury Could Occur?* | | | |  |  | **L=1**  **Minor Injury** | **M=2**  **Moderate Injury** | **H=3**  **Major Injury** | | **Likelihood** | **L=1**  **Unlikely** | Insignificant  1 | Low  2 | Medium  3 | | **M=2**  **Likely** | Low  2 | Medium  4 | High  6 | | **H=3**  **Very Likely** | Medium  3 | High  6 | Extreme  9 | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Identify the Hazard | Who is at risk | Current Risk Rating | | | | Controls | | Residual Risk Rating | | |
| S | x L | = R | | S | x L | = R |
| Spillage of waste due to operator error | Operatives, driver, public | 2 | 2 | 4 | | 1. Only qualified operative to operate vacuum system 2. Regular toolbox talks as a reminder on best working practices 3. A thorough induction and familiarisation training prior to independent use 4. Systems of work in place to check valves and tank openings. | | 2 | 1 | 2 |
| Spillage of waste due to mechanical failure | Operatives, driver, public | 2 | 2 | 4 | | 1. All vacuum systems regularly services by trained, competent person. 2. Daily checks of vacuum systems by operatives prior to use. | | 2 | 1 | 3 |
| Infection -Hepatitis | Operatives, driver | 2 | 3 | 6 | | 1. Operatives to wear suitable PPE including gloves, clothing, 2. Inoculations against hepatitis A and B | | 1 | 1 | 1 |
| Infection – Skin and Eye | Operatives | 1 | 3 | 3 | | 1. PPE covering all skin 2. Eye protection goggles 3. Protective face visor 4. Emergency eye wash carried on all vehicles | | 1 | 1 | 1 |
| Gastroenteritis | Operatives | 1 | 3 | 3 | | 1. PPE to be worn by operatives 2. Hand washing facilities to be provided 3. Alcohol wipes/gel on vehicles | | 1 | 1 | 1 |
| Confined Space | Operatives | 3 | 3 | 9 | | 1. Entry to confined spaces not permitted by any Aquarius Waste employees. | | 1 | 1 | 1 |
| Falling into open man holes | Operatives, driver, public | 3 | 3 | 9 | | 1. Ensure any open manholes are adequately cordoned with barriers 2. Ensure appropriate task lighting is available | | 2 | 1 | 2 |
| Slips, trips, falls | Operatives, driver, public | 3 | 2 | 6 | | 1. Ensure trailing suction pipes are clearly identifiable 2. Ensure suction pipes are clear of paths where possible | | 2 | 1 | 2 |
| PPE summary: | High Visibility Clothing Symbol - Vinyl Safety Labels On-a-Roll   Gloves small icon Eye protection icon | | | | | | | | | |
| Training: | All users must be qualified to drive and hold valid driving licence.  All users must read and abide by this risk assessment. Annual refresher is required.  Operatives must receive suitable training including refresher training. | | | | | | | | | |
| Management requirements: | Take copies of driving licences every 12 months to ensure drivers are qualified and fit to drive.  Ensure vehicles have a valid MOT and business use insurance.  Vehicles must be periodically maintained through services, to meet manufacturer’s requirements.  Provide sufficient resources for training requirements, as outlined above.  Undertake annual review of risk assessment. | | | | | | | | | |
| Management declaration: | I have read and understood this risk assessment and agree to comply with the management requirements set out above | | | | | | | | | |
| Print Name | | | | Signature | | Position | | Date | |
| Andy Gunton | | | | A.Gunton | | Director | | April 2025 | |
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