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| Risk Assessment | Pattemores Transport (Crewkerne) Limited |
| Activity | Environmental Risks at Pattemores Site |

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|-----------------|-------------------|-------------------------------|-------------------|
| Assessor | Jonathan Tompkins | Location of Assessment | All areas on Site |
|-----------------|-------------------|-------------------------------|-------------------|

| Risk Rating Matrix (RR) | Likelihood (L) | | |
|--|---|-------------------------------------|-------------------------|
| Severity (S) | Certain or near certain to occur (High) | Reasonably likely to occur (Medium) | Unlikely to occur (Low) |
| Fatality; major injury or illness causing long term disability (High) | HIGH (H) | HIGH (H) | MEDIUM (M) |
| Injury or illness causing short term disability (Medium) | HIGH (H) | MEDIUM (M) | LOW (L) |
| Other injury or illness (Low) | MEDIUM (M) | LOW (L) | LOW (L) |

| Hazards | Who is at risk? | Controls in place | L | S | RR |
|---|--|---|----------|----------|-----------|
| Unpleasant smells/Odour | <ul style="list-style-type: none"> Public Adjacent Employees Employees/Staff Contractors New & Expectant Mothers Night Workers Visitors Others | <ul style="list-style-type: none"> Waste plant has odour control spray heads that are wind activated Daily checks of waste plant to keep levels of potential odours under control and monitoring of trend before issue arises Complaints are received by Site Director and root cause found and improvements put in place | M | L | Low |
| Discharge of solids leading to organic matter entering watercourse | <ul style="list-style-type: none"> Public Others | <ul style="list-style-type: none"> Discharge points are inspected at least twice daily Sample taken daily and tested for Ammonia, phosphates and COD Sample visually inspected daily for any oils, fats, milk, cream Suspended solids tested daily SOP 66 part 1 & part 2 written for what to do if discharge levels are over permitted levels | M | M | Medium |

| Hazards | Who is at risk? | Controls in place | L | S | RR |
|--|---|---|---|---|--------|
| Bacterium and viruses | <ul style="list-style-type: none"> • Others • Visitors • Night Workers • New & Expectant Mothers • Contractors • Customers • Public • Adjacent Employees • Employees/Staff | <ul style="list-style-type: none"> • Regular testing of incoming and outgoing product by on site laboratory • Metal working fluids tested bi weekly in all plant that has sumps | M | L | Low |
| Ammonia entering watercourse | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Others | <ul style="list-style-type: none"> • Daily tests for ammonia conducted on discharge water • SOP 66 Part 1 and Part 2 detail what to do in case of high discharge to consent levels | L | L | Low |
| Toxic substances entering watercourse | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • Daily testing of discharge water • SOP Part 1 & Part 2 details what to do if consent to discharge levels are too high | L | L | Low |
| Pollutants and nutrients in discharge | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • Daily testing of discharge water points • SOP 66 details what to do if consent to discharge levels are high | L | L | Low |
| Release on NOx | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • Boiler exhaust tested every 3 months for burner analysis and specialist called in if levels are found to be rising • Boilers are regularly serviced • Boilers are tested daily for water quality and inspected for stack temperatures, smoke and any issues with records kept | L | H | Medium |

| Hazards | Who is at risk? | Controls in place | L | S | RR |
|---|---|--|---|---|------|
| Release of dust | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • Yard has 5MPH speed limit so volume of dust raised is kept to minimum | H | M | High |
| Litter | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • Bins are kept inside if possible. • External and internal bins are checked and emptied when required and bin bags placed in large skip • Waste is segregated into cardboard/general waste/tins & Cans and recycled where possible using covered skips • Groundman walks the perimeter and cleans up any litter that is caught on fencing/hedges • Site is contained behind hedging/trees/earth embankments with fencing beyond these areas | L | L | Low |
| Waste and mud transfer onto local road | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • Lorries are washed externally and internally before leaving site so no mud can get onto road | L | M | Low |
| Noise and Vibration | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • PPM schedule in place for all plant equipment • Engineering staff on site to react to any issues or breakdowns when they happen • Engineering staff on call 24/7 if any issues arise with night staff • Lorries are subject to regular checks as required by Government transport regulations | M | L | Low |

| Hazards | Who is at risk? | Controls in place | L | S | RR |
|---|---|--|---|---|--------|
| Pests | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • Specialist pest control company carry out monthly inspections of traps & EFK • Quarterly Field Biologist visit with actions documented and closure tracked | M | M | Medium |
| Flooding of stream into ponds | <ul style="list-style-type: none"> • Employees/Staff • Public • Night Workers • Others | <ul style="list-style-type: none"> • Ponds cleared of weeds and reeds to reduce sediment build up • Pond are dug out if sediment build up reduces the capacity • Stream is kept clear of debris/fallen branches/undergrowth allow full flow and no damming effect on flow | L | L | Low |
| Vandalism and /or Arson releasing pollutants into the atmosphere | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • Site has controlled access gates which require issued key fobs to open • Access gates have ANPR cameras • Site is staffed 24/7 with out of hours requiring onsite staff to grant access through gates | L | M | Low |
| Accidental Fire causing pollutants to enter atmosphere | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • Fire alarm system installed • Fire Risk assessment conducted by specialist 3rd party and extinguishers placed in all areas identified • Regular testing of Fire Alarm points and sounders conducted and recorded • Fire Alarm system auto dials directors until it is acknowledged. | L | H | Medium |

| Hazards | Who is at risk? | Controls in place | L | S | RR |
|---|---|--|---|---|-----|
| Large spillage of milk/cream from silos or tankers | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • Spill response survey conducted and appropriate spill kits purchased and located as recommended • Spill response training carried out for all Engineering and Waste water plant staff • Contingency plans in place with drain valves located in one area and board showing what to do in event of emergency • Spill will be contained via emergency silo which then pumps to Waste Plant for treatment • If contamination reaches the pond, each can be individually closed off and contents diverted to the waste plant for treatment | M | L | Low |
| Large spillage of chemicals from IBCs or storage containers | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • Bulk tanks are bunded • Barrels are stored on bunded trays • IBCs are stored in areas that will divert to containment pits for treatment plant • One central area where drain valves are located to stop spillage reaching watercourse with board showing which valves to be closed in event of emergency • Ponds can be individually closed off and pumped up to Waste plant for treatment | L | M | Low |
| Contaminated rainwater run off | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • Rainwater drains collect and send to settlement pond outside waste plant • Rainwater in settlement pond is visually checked for oils/diesel and if seen is treated through the waste plant | M | L | Low |
| Discharge levels above permitted levels | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Homeworkers • Visitors | <ul style="list-style-type: none"> • SOP 66 written which detail what to do in the event of any levels being above discharge to consent • Daily monitoring and testing of Ammonia, Phosphate, Suspended solids, COD, | L | M | Low |

| Hazards | Who is at risk? | Controls in place | L | S | RR |
|-------------------------------|---|---|---|---|-----|
| Waste plant unable to process | <ul style="list-style-type: none"> • Employees/Staff • Adjacent Employees • Public • Customers • Contractors • New & Expectant Mothers • Night Workers • Visitors • Others | <ul style="list-style-type: none"> • Regular maintenance/servicing plan in place on plant and equipment • Emergency Waste removal contractor available 24/7 if tanks are full and cannot be processed | L | M | Low |

| Hazard | Additional Control | Assigned to | Due Date | L | S | RR |
|--|--|-------------------|------------|---|---|-----|
| Unpleasant smells/Odour | Waste plant will have carbon scrubber unit for Screw Press | Jamie Redworth | 31/03/2024 | L | L | Low |
| Accidental Fire causing pollutants to enter atmosphere | Updated Fire alarm system to be installed in q1 2024 to capture new areas without current coverage | Jonathan Tompkins | 31/03/2024 | L | M | Low |

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| Date of Assessment | 28/12/2023 | Status | Complete |
| Re-assessment Date | 28/12/2024 | Signature | |