

ENVIRONMENTAL ASPECTS & IMPACTS REGISTER

COMPLETED BY: Andrew Hodgson
POSITION: General Manager
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| LIKELIHOOD | SEVERITY RATING | SIGNIFICANCE |
| 4 - Certain | 4 - Major | 10-16 High |
| 3 - Likely | 3 - Moderate | 5-9 Medium |
| 2 - Unlikely | 2 - Minor | 1-4 Low |
| 1 - Improbable | 1 - Insignificant | |



| ACTIVITY | ENVIRONMENTAL ASPECT | ENVIRONMENTAL IMPACT | LIKELIHOOD OF IMPACT | SEVERITY OF IMPACT | SIGNIFICANCE RATING | CONTROL MEASURE | REVISED RATING |
|--------------------|-----------------------------|--|----------------------|--------------------|---------------------|--|----------------|
| Electricity usage: | Lighting | Indirect greenhouse gas emissions by energy supplier. | 4 | 3 | 12 | Lighting & equipment responsibility plan. Staff training. Tariff 100% 'green' secured from University. Low energy versions of technology always utilised if available. | 8 |
| Electricity usage: | Air Handling | | 3 | 3 | 9 | | 6 |
| Electricity usage: | Refrigeration & appliances | | 4 | 3 | 12 | | 8 |
| Electricity usage: | Office Electricals | | 4 | 3 | 12 | | 8 |
| Electricity usage: | Lighting | Potential disturbance or adverse effects to local residents and/or wildlife. | 2 | 2 | 4 | No controls beyond operational hours. | 4 |
| Gas Usage: | Central Heating & hot water | Direct and indirect contribution to greenhouse gas emissions. | 4 | 3 | 12 | All boilers on annual maintenance contract with University. Timings controlled by BMS and reflect seasonal requirement. Supply tariff 100% 'green' secured via University. | 9 |
| Gas Usage: | Air handling | | 3 | 4 | 12 | Air handling strictly monitored for efficiency and timings by BMS. Annual maintenance schedule in place. | 9 |

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| Gas Usage: | Laundry drying | | 4 | 3 | 12 | Drier equipment regularly maintained under contract. Efficient use guidance displayed in laundries. | 9 |
| Waste generation: | WEEE storage and disposal | Hazardous waste. If disposed of incorrectly it could cause both ground and water pollution. | 3 | 4 | 12 | WEEE centrally collected and store to be disposed of via University carrier with transfer notes. | 8 |
| Waste generation: | Ink & toner storage and disposal | | 3 | 4 | 12 | Use of paid contractor for storage and transfer with audit trail. | 8 |
| Waste generation: | lamps & batteries storage and disposal | | 3 | 4 | 12 | Publically accessible waste bins with transfer under contract with University with audit trail. | |
| Waste generation: | Recyclable waste, storage and disposal | Environmental damage as a result of waste being (unnecessarily) sent to landfill. | 2 | 4 | 8 | Staff training and practice documents. Waste contracts held by University with reputable and audited supplier. | 6 |
| Waste generation: | Non-recyclable waste, storage and disposal | | 4 | 3 | 12 | | 6 |
| Waste generation: | Litter | Harm wildlife, pets & reputation. Retardation of surface water drains. | 3 | 2 | 6 | Regular litter picks. | 4 |
| Transportation | Vehicle Exhaust Emissions | Combustion of non renewable energy source contributing to local and global air pollution. | 4 | 2 | 8 | All vehicles subject to 6 month service. No vehicle to be kept that is more than 10 years old. Efficient driving technique trained to all Union drivers. | |
| Transportation | Other engine driven transport methods. | | 3 | 3 | 9 | Staff guidance document. Internal flights disallowed. | 6 |
| Operations | Refrigerant leakage from A/C Units. | Reduction in efficiency. Release of HFCs. | 2 | 3 | 6 | All units are regularly serviced. All fridges and A/C units are de-gassed before disposal. | 4 |

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| Operations | CO2 Storage Leak | Potential harm to human health - also greenhouse gas | 2 | 4 | 8 | Cylinders are stored in a well ventilated area with detection equipment present. | 6 |
| Operations | Water usage | Consumption of natural resource. Indirect generation greenhouse gas emissions. | 4 | 3 | 12 | Use of flush controls on all urinals. Use of low volume toilet cisterns. Use of PIR taps. All leaks are reported immediately and prioritised. | 8 |