

ENVIRONMENTAL ASPECTS & IMPACTS REGISTER

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DATE OF ASSESSMENT: 28/03/2018

LIKELIHOOD
 4 - Certain
 3 - Likely
 2 - Unlikely
 1 - Improbable

SEVERITY RATING
 4 - Major
 3 - Moderate
 2 - Minor
 1 - Insignificant

SIGNIFICANCE
 10-16 High
 5-9 Medium
 1-4 Low



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

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

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