

## Staffordshire University Students' Union Environmental Impacts Assessment

Activity area	Activity	Element	Environmental Impact	Positive or negative impact	Operational conditions <i>Normal, abnormal or emergency</i>	Severity of impact	Likelihood / frequency of impact	Significance	Responsibility	Mitigation / Management
Emissions to air	Heating	Emissions from boilers	Air pollution	Negative	Normal	4	4	16	University	SEE Policy
	Vehicle use (Hired)	Emissions from vehicles	Air pollution	Negative	Normal	4	3	12	Supplier	Delivery/Supplier audit
Transport	Vehicle hire	Spills / Leaks from vehicles	Land / water contamination	Negative	Emergency	4	1	4	Supplier	Travel Policy
		Vehicle emissions	Air pollution	Negative	Normal	4	3	12	Supplier	
		Use of fuel	Resource consumption	Negative	Normal	3	3	9	Union	
		Vehicle washing	Land / water contamination	Negative	Normal	2	1	2	Supplier	
Energy use	Use of electrical equipment	Use of electricity	* Indirect emissions of GHG's * Use of resources	Negative	Normal	4	5	20	Union	SEE Policy
	Heating	Use of gas	* Direct emissions of GHG's * Use of resources	Negative	Normal	4	5	20	Union	
	Air-conditioning	Use of refrigerants	Air pollution from refrigerant leaks	Negative	Normal	4	3	12	Union	
Water use	Water discharge	surface water discharge to controlled waters	water pollution	Negative	Normal	3	3	9	University	SEE Policy
	Cleaning	Use of water	* Use of resources * Water contamination	Negative	Normal	2	3	6	Union	
Waste	Production and storage of waste	Generation of mixed municipal waste	Waste to energy from waste incineration / landfill	Negative	Normal	4	5	20	Union	SEE Policy, SMART Sustainability Plan
		Production of WEEE waste	Waste disposal	Negative	Normal	4	2	8	Union	
		Production of food waste	Waste disposal	Negative	Normal	3	3	9	Union	
		Waste recycling	Reuse of waste	Positive	Normal	0	5	0	Union	
		Spills / leaks of oils/chemicals from equipment	Land / water contamination	Negative	Emergency	4	1	4	Union	
Operations	Day to day activities	Sustainability group activities	Environmental enhancement	Positive	Normal	0	4	0	Union	SEE Policy
		Planting of new plants / wildflower area	Enhancement of biodiversity	Positive	Normal	0	4	0	Union	
		Use of office stationery	Waste generation	Negative	Normal	3	3	9	Union	
		Use of consumables	Waste generation	Negative	Normal	3	5	15	Union	
Purchasing	Procurement of goods and services	Purchase of equipment	Waste generation	Negative	Normal	3	2	6	Union	SEE Policy
		Purchase of food	Food waste	Negative	Normal	3	3	9	Union	
		Purchase of office stationery	Waste generation	Negative	Normal	3	3	9	Union	
		Purchase of general consumables	Waste generation	Negative	Normal	3	4	12	Union	
		Delivery of goods	Vehicle emissions	Negative	Normal	4	4	16	Union	

### Top Environmental Impacts:

- Energy Use
- Waste production
- Purchasing of goods and services
- Use of consumables

### Scoring of Severity

The severity of an environmental aspect is scored using a five-point scale depending of the severity of the environmental impact; one being the least impact and five having the greatest impact.

### Level of Significance

1 to 9 Low  
10 to 15 Medium  
15 to 25 High

Elements with a low significance score are typically perceived as acceptable therefore only require monitoring.  
Elements with a moderate significance score may require a high level of monitoring however are not generally perceived as having an immediate environmental risk.  
Elements with a high significance score are typically perceived as unacceptable and will usually require operational processes to manage the risk. These elements should be addressed at an early stage when setting environmental objectives, and planning actions to address risks & opportunities and achieve objectives.