

Wedmore Village Hall Environmental Audit

Environmental & Energy Audit Date: 21 July 2022

Audit completed by: Mike Rippon

		Action
Do you have an Environmental Champion? Trustee/Committee member with an environmental focus?	Yes. Mike Rippon	
Is environmental impact a standing item on your meeting agendas?	Discussed periodically as required	
CENTRE GROUNDS – LANDSCAPE FEATURES, BIODIVERSITY AND WILDLIFE FEATURES		Notes / action
Is there a management plan or similar for improving the Centre grounds?	Yes	A Sustainable Drainage System is being evaluated
Do visitors / visiting groups / volunteers / other non-staff help to carry out improvements work?	Yes	Wedmore in Bloom
Do you have a wildflower reea? – Is there an opportunity to create one?	No	Will become possible if SuDS goes ahead
Are there any trees? Can you plant any?	Yes	
Is there shelter and shade / log pile for animals/insects?	Yes	Under the tree
Are there any bird/bat boxes or an opportunity for some?	No	Could be considered
Is there a wild area for nettles etc?	N/A	
Do you have a compost heap?	N/A	
Do you have an outside bin?	Yes	
Do you have any green space / planting around the property?	Yes	Wedmore in Bloom maintained
Are there any bird feeders?	No	
Are chemical pesticides avoided?	Yes	

Is use of peat avoided?	Yes	
Is there a water butt?	Yes	Used by Wedmore in Bloom
THE CENTRE		ACTIONS / NOTES
Disposable water bottles?	No	
Single use cups?	No	
Plastic cutlery	No	All metal cutlery
Single use carrier bags	No	
Cling film	No	
Tissue	Yes	Paper towels available, but visitors encouraged to use Dyson hand driers
Food Waste Bin?	N/A	Users required to take away own organic waste
Compost Bin?	N/A	Ditto
Hiring Agreement – does it encourage people to use available china/cutlery and discourage the use of single use plastic items?	Yes	We have crockery and cutlery available to use
Kettles/do you boil only what you need?	Yes	Energy efficient instant hot water machine
Do you have recycling bins?	No	Users required to separate and take away their own waste
If you have recycling bins are they clearly labelled?	N/A	
Do you purchase Fairtrade food stuffs? Tea/Coffee/Sugar	N/A	
Do you use environmentally friendly cleaning products wherever possible?	Yes	
ENERGY MANAGEMENT		ACTIONS / NOTES
Heating, Ventilation and Air Conditioning Equipment		
Age and condition of boiler or other source of heat	Boilers fairly new	All of them condensing boilers

Has the system been serviced in the last 12 months?	Yes	
Are radiators fitted with Thermostatic Radiator Valves	In toilets	Main Hall and Small Hall are controlled by master thermostats so TRVs not applicable
Are motors and pumps fitted with variable speed drives?	Yes	On kitchen extract and Main Hall ventilation
Are filters and grills clean and maintained?	Yes	
Heating, Ventilation and Air Conditioning Controls		
Are there any areas of over or under heating?	No	
Have timers been set to match the hours of occupancy?	Yes	Sophisticated 7 day timer with 99 memories used to match heating with bookings
Is a remote heating management system appropriate for your building?	Possibly	However the existing timer is already very sophisticated – it is just you have to go into the Hall to set it.
Is there a risk of heating and cooling operating in the same area?	No	
Are any unoccupied areas being heated?	No	
Are windows and doors often left open in Conditioned spaces	N/A	
Building Fabric		
What is your Energy Performance Rating?	EPC rating is C (63)	This is already very good for a building of this age. Typical would be D (74)
Is the roof insulated to modern thermal standards?	No	Difficult/impossible to achieve in Main Hall because of structure. Plan to upgrade Snug insulation
Are windows at least double-glazed or with secondary glazing?	No	Was not allowed because of planning status. Plan to upgrade Snug roof lights
Are there any uninsulated cavity walls?	No	Solid walls in an old building

Are there any air leaks at windows and doors or other openings?	Yes	Possible changes to be evaluated
Do all exterior doors close automatically and quickly?	No	Have double doors to provide 'air lock' in entrance lobby
Hot Water		
Age and condition of water heating equipment	New	Instant hot water from condensing gas boilers
Has the timer been set to match occupancy?	N/A	Instant hot water only
Are the hot water cylinder and valves fully insulated?	N/A	
Are all hot water distribution pipes insulated?	N/A	
Have energy saving taps and shower heads been fitted?	N/A	
Lighting: Lamps		
Are there any areas of over-or under-lighting?	No	
Are there any tungsten lamps still in use – e.g. in desk lights?	No	
Have T12 fluorescent lamps been replaced by T8 or T5 lamps?	Yes	
Can halogen lamps be replaced by CFL or LED versions?	N/A	All have already been replaced
Can light output be reduced in any exterior lamps?	No	
Lighting: Control		
Are there any unused areas being lit?	No	
Can daylight sensors be fitted to lights adjacent to windows?	N/A	Occupancy/daylight sensors already in use in toilets and entrance lobby
Can occupancy sensors control intermittently used areas?	Yes	Already being done
And are windows and skylights cleaned regularly?	No	
Are manual switches accessible and clearly labelled?	Yes	
Is there a switch-off policy in place?	Yes	

Are all exterior lights controlled by timers or daylight sensors?	Yes	
Other equipment		
Does all IT equipment have energy saving features enabled?	N/A	
Is all other equipment switched off when not in use?	Yes	
Have lifts been assessed by an expert in lift energy efficiency?	N/A	
Is all refrigeration equipment A-rated or better?	No	Will replace as fridges get to end of life
Are vending machines and coolers fitted with timers?	N/A	
Is there a switch-off policy in place?	Yes	
Are all exterior lights controlled by timers or daylight sensors?	Yes	
Energy provider		
How often do you consider changing your provider?	At end of fixed contract	Typically fix for 3 years
Do you have a competitive energy tariff?	Yes	
Are you on a green energy supply	Yes	On SSE Green Tariff
Do you generate electricity	Yes	We have a 4kWp solar array combined with a Tesla battery system to store energy for times when the sun is not shining

Action plan – draft (take to committee meeting to agree actions)

Date: 21 July 2022

Project	Person responsible	Action deadlines	Associated costs	Fundraising plan
Refurbish the Snug to improve insulation, including ceiling and rooflights. Fit TRVs. Install energy saving lighting.	Simon Tomes	End of 2022	TBA	Grant application to Sedgemoor
Sustainable Drainage System in car park	Mike Rippon	2-3 years	TBA	Funding available from Somerset
Install a bat box?				