

This will minimise the HGV movements required for delivery of materials for building construction, in addition HGV movements will be scheduled, where possible, to avoid peak transport hours. The buildings will house some additional personnel, AWE has produced a Travel Plan which outlines the company's proposal to manage transport to and from the site.

Offsite fabrication of the modules is expected to minimise noise from construction, although some noise will be generated during the site preparation phase (breaking out of concrete etc.) and the assembly of the buildings. Work will be carried out during normal working hours (0730 – 1800 Monday to Friday) so minimal disturbance is anticipated offsite. In order to complete the installations on time it may be necessary to work some weekends, these will be kept to a minimum.

The selected sites are situated close to the centre of the AWE site therefore it is anticipated that the construction will cause no offsite nuisance.

The buildings will be built to modern standards and in keeping with surrounding developments (AWE is an industrial site). The site is located close to the centre of the Aldermaston site, the buildings will be one storey higher than the surrounding facilities, however given the distance from the site boundary and the surrounding land use visual impact will be minimised.

The proposed facilities are not being developed on areas of ecological significance. Both the proposed locations are brownfield sites that lie within the boundary of the AWE site.

Both proposed locations have sections of the surface water drainage system within the construction site. During the construction phase the sections most at risk will have entry to them blocked to prevent the potential escape of material. In addition construction operations using water will be minimised e.g. damping will use a mist only to reduce the amount of runoff at the site.

Due to the relatively low water levels in the locations no dewatering is anticipated to be required during construction however, should any groundwater be abstracted during construction it will be managed and disposed of via an appropriate route.

During operation the foul and surface water drainage systems for the proposed sites will be designed to ensure integrity with all effluent removed via piped systems.

Water discharged into the surface water drainage system will pass into one of the surface water outfalls, where water is released to local water courses under EA consent, outfalls are monitored on a monthly basis for chemical content.

AWE is currently developing a site wide surface water management strategy in consultation with the Environment Agency.

The construction of the proposed Facilities is not anticipated to have an impact upon the groundwater flow beneath the buildings as the associated concrete slabs will not reach the groundwater table.