

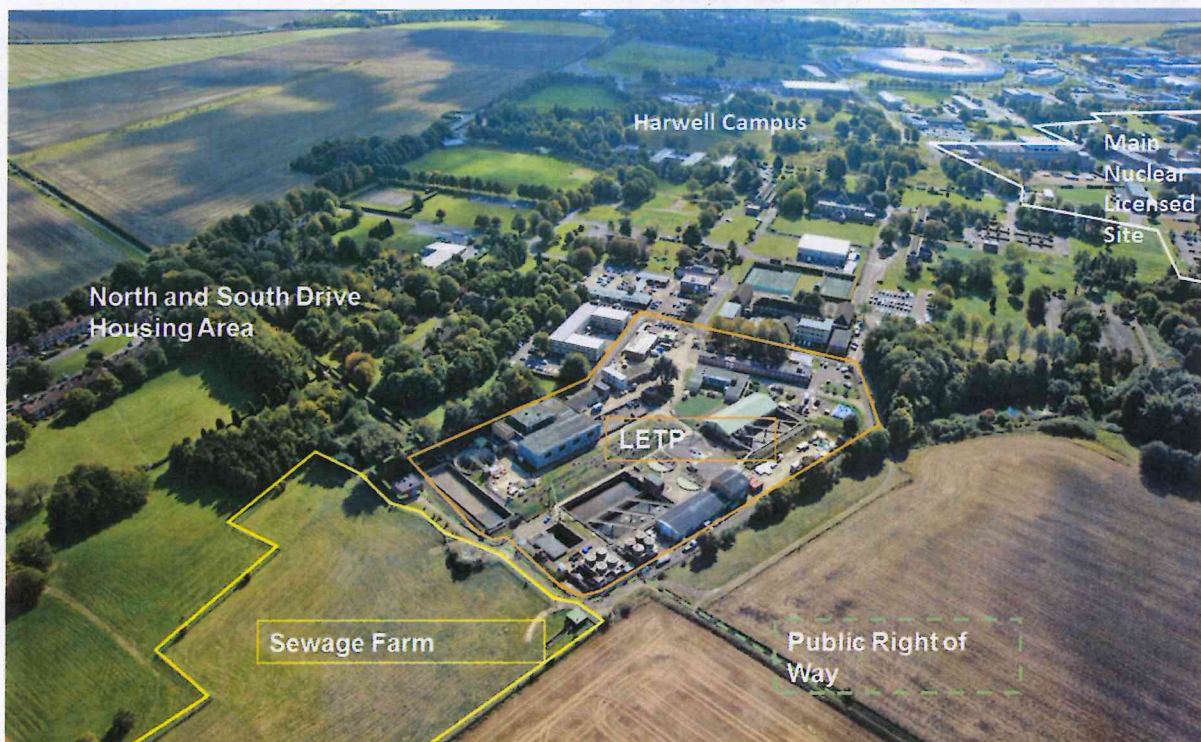


## Dear Stakeholder, an invitation to take part in a consultation:

### Introduction

Magnox Ltd are employed to manage decommissioning and restoration of the Harwell Nuclear Licensed Site with the overall purpose of releasing the land back to the landowner in a condition suitable for the next planned use. This work is being completed in stages with most areas planned to be complete by the late 2020's. As the land is released it is intended to be re-developed as part of the Harwell Campus.

One parcel of land to be remediated and released is the ex-Liquid Effluent Treatment Plant (LETP) and an associated ex-Sewage Farm area to the North of the Campus. These areas are adjacent to each other, separated by a public right of way and are detached from the main Nuclear Licensed Site. The areas were used for plant that was used to remove radioactivity from water.



Work is already underway to demolish the above ground structures on the LETP. The above ground structures on the Sewage Farm were removed previously. The project covered by this application is intended to:

- ✓ complete land remediation,
- ✓ remove pollutants to meet regulatory clean-up criteria,
- ✓ remove below ground structures (where this would impede future land use)
- ✓ restore the land to a generally flat and field-like condition.

The land will be cleaned to stringent standards prescribed by the Office of Nuclear Regulation and the Environment Agency.

At the end of the work the nuclear licence and environmental permits for the area will be terminated.

The land will be clean enough to be suitable for any future uses.



### The Proposed Works

The LETP was shut down in 2013 after the demand for liquid effluent processing had decreased due to the decommissioning of the main nuclear site. The facility structures are to be decommissioned to floor-slab level in the period up to 2016. The land clean-up, which is the subject of this consultation, will take place over the period up to 2019, with final reinstatement in 2020/21.

The LETP land has been subject to uses involving low levels of radioactive and chemical materials from over 60 years of operations. Excavation and removal of underground structures, pipes and soils will be required to remove all contaminants to meet regulatory standards.

Prior to the main works a programme of characterisation will be undertaken to supplement existing knowledge and to enable detailed planning of the clean-up.

The levels of radioactivity are low and are of a type that has been handled safely on the LETP for many decades without impact to the public. Normal working practices, such as monitoring of the materials, careful handling, use of dust control systems, use of packages to handle the wastes and the deployment of environmental monitoring systems will ensure public and worker safety.

All operations are regulated under the existing Nuclear Licence and all discharges/wastes are regulated under existing environmental permits.



The works will have the appearance of construction earthworks and will involve controlled demolition of underground structures, removal of embedded piping and excavation of contaminated soils.

In order to test the wastes produced by the remediation, some new temporary warehouse-like facilities will be constructed on the Sewage Farm area. These will be removed upon completion of the project.



**Magnox**

## Consultation

### Liquid Effluent Treatment Plant Land Clean-Up

There will be some truck movements in the area for the duration of the works in order to export the waste materials to suitably permitted offsite locations (~20 movements per day). Radioactive wastes will be exported to offsite treatment and disposal facilities all of which are currently outside of Oxfordshire.

In order to complete the works it will be necessary to divert the public right of way for the whole duration, approximately two and half years. This will be reinstated at the end.

At the end of the works a pond will be constructed on part of the land. This will be used to collect surface water along an existing discharge route to Lydebank Brook.

#### Impression of Area After Remediation



#### Consultation

Magnox intend to submit a planning application covering all aspects of the works to the Vale of White Horse District Council in late 2015. This will be accompanied by an Environmental Statement.

Magnox is interested in your comments on the proposed clean-up, so that these can be taken into account during our planning for the work. Your comments will be anonymously summarised into a report to be submitted as part of the planning application.



## Exhibition

There will be a public exhibition of the proposal on:

2<sup>nd</sup> November 2015, between 12.00 and 8.30pm  
at the:

Harwell Innovation Centre, Building 173, Curie  
Avenue, Harwell, Oxfordshire, OX11 0QG.

You do not need to register for this event. There will be further information at the exhibition and an opportunity to talk to the project team and to give feedback.

Alternatively, please contact us with any feedback, questions or requests concerning this proposal.

## Contact Us

**Email**            **Jon.Blackmore@magnoxsites.com**

**Telephone**      **01235 43 4013**

**Post**              **Jon Blackmore**  
**Senior Project Manager**  
**Magnox**  
**B418.15, Dido Road**  
**Harwell Campus**  
**Oxon**  
**OX11 0QA**

**Website** <https://magnoxsites.com/what-we-do/engagement/letp>