

## Environmental and Engineering Surveys

**nationalgrid**  
THE POWER OF ACTION



### ENVIRONMENTAL AND ENGINEERING SURVEYS

**During the planning stages of projects a variety of surveys are normally carried out with the consent of the landowner or occupier**

Surveys will be necessary for environmental purposes to determine the effect the construction activities may have in the locality. These surveys may need to be carried out at various times of the year and can extend to some considerable distance away from the proposed corridor or route.

Archaeological surveys may require excavations over areas where there is a probability of archaeological remains being present.

To establish the viability of a proposed high pressure gas pipeline, high voltage electricity overhead line or underground cable, the route is topographically surveyed (surveyed according to the lay of the land) to inform the detailed design. In order to determine ground conditions additional surveys involving boreholes and soil investigation works, using appropriate machinery, will be necessary.

All this information is required to finalise the design and will be undertaken many months before the main construction begins.

Access routes and working arrangements for the surveys are discussed with the landowner or occupier and, where appropriate, compensation will be paid for any damage caused at this stage.

Any available information on existing land drainage is also gathered and it is very helpful if the landowner or occupier can provide this information as early as possible.

In some areas it may be appropriate to carry out pre-construction drainage work. The design and installation will be discussed in detail with the landowner and occupier.

**Surveys may need to be carried out at various times of the year and can extend to some considerable distance away from the proposed corridor or route**

**To find out more go to - [www.nationalgrid.com/uk/landanddevelopment](http://www.nationalgrid.com/uk/landanddevelopment)**





---

## OPERATIONS AND MAINTENANCE

Helicopters are used to carry out regular visual surveys of our pipelines, overhead lines and underground cables. We take special care near sensitive sites that we are aware of.

Please let your local National Grid representative know if there are any locations where we should take special precautions.

National Grid advises landowners and occupiers not to alter their planned cropping programme or farming activities because of the proposed works without first speaking to the National Grid representative.



---

To find out more go to - [www.nationalgrid.com/uk/landanddevelopment](http://www.nationalgrid.com/uk/landanddevelopment)

---