

Managing Land Quality Data



Monitor-Site Manager has recently been adopted by Phillips Petroleum Company UK Ltd to help manage and review data associated with land contamination. Site Manager software allows Phillips Petroleum to:

- view and understand the issues in a spatial form
- assess the risk of contamination

Flexible Tools

Monitor-Site Manager incorporates powerful Geographic Information System (GIS) and database tools, which enable users to:

- view sample locations (i.e. boreholes) on a map, site drawing and aerial photograph
- interrogate the data (groundwater levels, contaminant concentrations) associated with the boreholes over time

Visualising Data

Data can be visualised in the GIS as well as in graphical and tabular formats. More detailed information can be obtained through 'drilling-down' on boreholes. Predefined reports incorporating maps and data are produced at the touch of a button.

All the data contained in the system can be linked (hyperlinked) to project reports, borehole logs and any other relevant management documentation and comments.

Benefits

The greatest benefit has been the rationalisation of, and access to, all monitoring data for potential land contamination issues for both groundwater and soil. The data provides a full site history that goes back several years.

This means that Phillips Petroleum is:

- better able to understand their own data
- able to present information to third parties more effectively

More generally, others too can far more easily understand the nature of the issues arising from the whole project. Accordingly the effective management of the environmental risks is clearly demonstrated.

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