

Portfolio Liability Assessment

Confidential Multinational Client

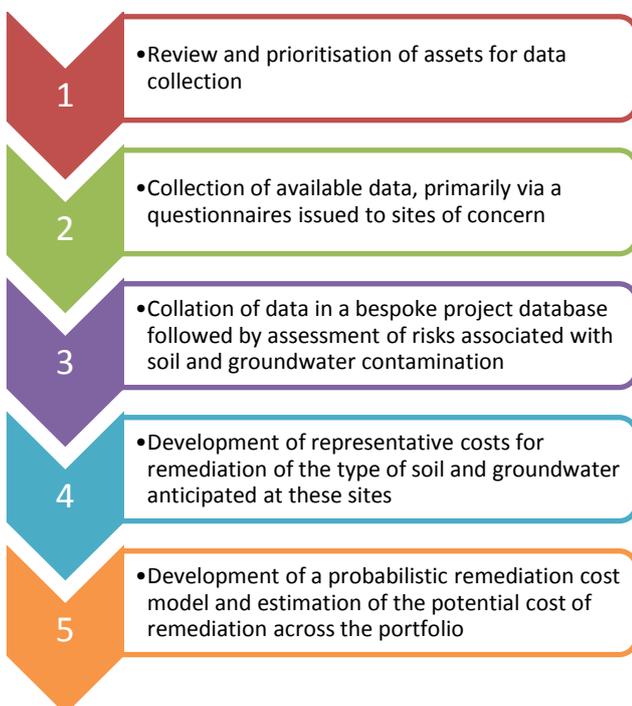
Services

Liability management
 Contaminated land assessment
 Remediation planning
 Probabilistic modelling

AECOM provided a high-level review of potential contaminated land liabilities across our client's property portfolio, giving corporate managers a global perspective on risk, likely mitigation costs, current remediation activities, and enabling future actions to be prioritised.

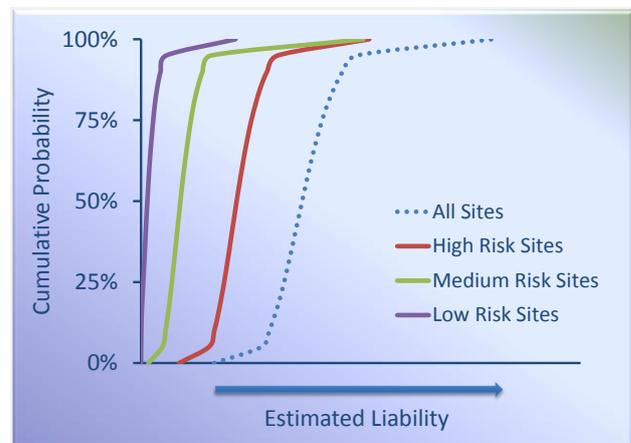
The approach

To deliver this project, AECOM completed a review of a global portfolio of assets owned by our client and produced a risk ranking of the assets and the likelihood that they could represent material soil and groundwater remediation costs along with estimation of these potential costs. This was achieved through:



Key features

- Potential soil and groundwater contamination liabilities were identified across the portfolio using a consistent, defensible method.
- Greater clarity on current remediation activities was provided for corporate management.
- AECOM's global network of remediation professionals developed representative remediation costs for key contaminants, taking account of local technological and regulatory drivers.
- Probabilistic modelling provided a more sophisticated method of estimating remediation costs across the portfolio or for specific sub-sets, moving beyond linear 'all best-case' - 'all worst-case' estimates.
- Risk-ranking and cost forecasts were interrogated to identify those sites responsible for a disproportionate level of the cost.



Further benefits

The database and liability assessment produced for our client provides a framework that, with further effort by AECOM, could be used for:

- Prioritising efforts to address long-term remedial obligations.
- Supporting divestiture and vendor due diligence.
- Identifying remedial themes (recurring compounds of concern for example) to better focus remedial technology selection and development.
- Identifying site activities / site locations where capital investment could be best focused as part of an overall corporate remedial strategy to manage liabilities.
- Refining environmental reserve values (in conjunction with auditor efforts).