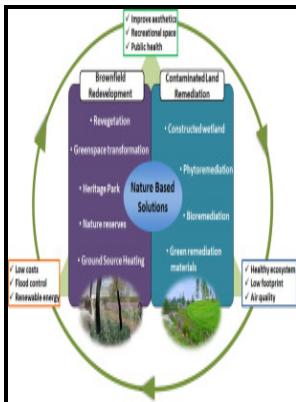


Contaminated land - is the UK governments approach sustainable?.

Oxford Brookes University - Sustainability and Remediation



Description: -

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Notes: Thesis (M.Sc.) - Oxford Brookes University, Oxford, 1996.

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Sustainability and Remediation

Applying Sustainable Development Principles to Contaminated Land Management Using the SURF-UK Framework. Sustainable Remediation of Contaminated Sites.

Incorporating sustainability: federal contaminated sites decision

This assessment is used to determine if the greater material production requirements to install PRBs may offset the expected reductions in operational phase impacts.

Sustainability and Remediation

The matrix allows the user to analyze actions taken for site remediation by cost, schedule and technical complexity and shows how they benefit the environment. This approach focuses on the risks caused by land contamination, and recognises that the risks presented by any given level of contamination will vary greatly according to the use of the land and a wide range of other factors, such as the underlying geology of the site.

Planning Advice Note 33: Development of contaminated land

It provides a detailed outline of drivers and metrics, sustainability considerations checklist, sustainability baseline development including the calculation of carbon footprint, categorization of sources, example case design, remedial process optimization, alternative energy considerations and sustainability matrix. In this instance, the proposal to develop the land may represent agreed remediation.

Incorporating sustainability: federal contaminated sites decision

The process is divided into three categories: 1. Of particular concern are: toxic or phytotoxic metals such as lead and cadmium; inorganic compounds such as sulphates, sulphides and cyanides; organic compounds such as phenols, polycyclic aromatic hydrocarbons and solvents; flammable and toxic gases; pesticides; and asbestos. FCM Sustainable Site Assessments Webpage.

Sustainability and Remediation

However, remediation notices can only require that land is made suitable for its existing use. Modifications to the remedial works may need to be undertaken if remediation standards are not being met.

Planning Advice Note 33: Development of contaminated land

SURF Metrics for Integrating Sustainability Evaluations Into Remediation Projects.

Sustainability and Remediation

Alternatively, where contamination is only suspected or is of a minor nature the planning authority may wish to make restoration a condition of the planning consent see paragraph 37.

Related Books

- [Henrik Ibsens Realismus - zur Genesis und Methode des klassischen kritisch-realistischen Dramas.](#)
- [Music for the films - a handbook for composers and conductors](#)
- [Daylight intruder](#)
- [Future of natural fibres - papers presented at a Shirley Institute Conference on 29-30 November 1977](#)
- [E-ffective writing for e-learning environments](#)