GREENCAP
Going Further in Managing Risk

CONTAMINATED LAND

EXPERT SERVICES
ONLINE SOLUTIONS
TRAINING
Asbestos & Hazardous Materials
Occupational Hygiene
Property Risk
Health & Safety
Environmental Management
Contaminated Land
Emergency Management

ALL GREENCAP WORK FOLLOWS THE RELEVANT STATE AND FEDERAL LEGISLATION, GUIDELINES, AUSTRALIAN STANDARDS, AND NATIONAL ENVIRONMENT PROTECTION (ASSESSMENT OF SITE CONTAMINATION) MEASURES (ASC NEPM) 2013.

Greencap has extensive experience in managing contaminated land in Australia and New Zealand and are experts in the investigation and remediation of a wide variety of contaminants including solvents, heavy metals, hydrocarbons and PFAS.

Greencap provides the full spectrum of contaminated land management services and work in partnership with clients to find cost effective and practical solutions to contaminated land issues. The team of scientists, hydrogeologists and engineers is highly experienced and diverse in their skills sets, enabling the provision of solutions tailored to a business's specific needs.

Consultation is centred around a risk-based approach to contaminated land issues and Greencap works with stakeholders including regulators, clients, and the community to find solutions that both protect the environment and take account of the commercial realities inherent in acquisitions, divestments, portfolio management and development projects.

Greencap services include:

- Environmental Site Assessments
- Groundwater Monitoring, Modelling & Assessment
- Remediation Action Planning
- Asbestos in Soil
- Acid Sulphate Soil Monitoring & Assessment
- Human Health & Ecological Risk Assessment
- Landfill Gas Monitoring

Environmental Site Assessment

Soil and groundwater assessments form an integral part of risk management and regulatory compliance for: i) sites with sensitive land use (residential, education, or childcare), ii) former or current industrial sites, iii) landfills, and iv) any site that has a potential for contamination.

Greencap works closely with clients to develop appropriate and site-specific scopes of work for Preliminary Site Assessments (Phase 1) and Detailed Site Assessments (Phase 2). Tailored Phase 1 and Phase 2 assessments are critical for development sites under planning and development approval processes.

Greencap's teams can be mobilised for environmental and planning due diligence assessments at short notice, and are experienced across the resources, commercial, industrial and infrastructure sectors. Greencap advises clients and participates in negotiations for the sale and/or purchase of sites with potential contamination.

Adelaide | Auckland | Brisbane | Canberra | Darwin | Geelong | Melbourne | Perth | Sydney | Wollongong

Effective remediation design and implementation comes from specialist industry knowledge and experience.

Groundwater Monitoring, Modelling & Assessment

Monitoring the quality of groundwater at and around sites that may have been impacted is an important aspect of any environmental site assessment. Greencap has a wealth of experience in the design and implementation of groundwater monitoring programs that involve the installation and sampling of groundwater bores and testing for a range of chemicals of potential concern.

Groundwater modelling is an important tool used by hydrogeologists to assess and predict potential negative impacts on groundwater and any sensitive receptors on site or surrounding the target sites. Greencap employs a range of models, including flow models, solute transport packages and hydro-geochemical models and selects the appropriate tool according to the specific site conditions.

Groundwater monitoring and modelling benefits projects by focussing on areas of risk, providing critical information to avoid unnecessary costs whilst maintaining compliance and implementation.

Remediation Action Planning

Site remediation can be a costly and time-consuming process. It can be a balance between remediating now or potentially being left with an issue that may be more costly to fix in the future. Greencap's experienced team uses their expertise to understand clients' objectives and the site-specific conditions before providing a range of cost-effective options to manage contamination.

Remedial works should be completed in conjunction with the development process to streamline costs. As such, Greencap are familiar with remediation master planning and are able to provide sound advice during the design and construction phases of the works.

Advice is commercially-focussed and is founded on a risk-based approach to contamination and remediation, thereby assisting clients in navigating the trade-offs between cost imperatives, project timeframes, regulatory requirements and community expectations.

Human Health & Ecological Risk Assessment

Greencap offers specialist services in Human Health Risk Assessment (HHRA) and Ecological Risk Assessment (ERA). These services provide cost-efficient remedies to manage potential environmental risks and allow resources to be targeted to those sites or activities that pose the highest risk. Risks can be due to human activities such as current or historical industrial operations, mining or waste management practices, or may be related to naturally-occurring substances.

Human Health Risk Assessment considers the potential risks to human health from exposure to chemicals and hazardous materials such as heavy metals, hydrocarbons, solvents and asbestos in the environment (e.g. air, soil, groundwater and/or surface water). The risks can be assessed for residents on a contaminated site, children in a school or playground, workers in an occupational setting, or other community groups.

For further information on these services go to:
greencap.com.au

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