



## HEIMAN HABITAT HOLISTIC SOLUTIONS (H<sup>3</sup>S)

### Environmental Services

H<sup>3</sup>S offers niche professional services in environmental analysis, research and project design. With a focus on planning and stakeholder integration, H<sup>3</sup>S can provide your missing link for the achievement of environmental compliance and public accountability.

Scott Heiman is an Environmental Scientist and the principal contractor for Heiman Habitat with over 20 years' experience in the ADF and seven years in the Commonwealth Government. This background positions H<sup>3</sup>S to offer you a unique perspective across government, commercial and non-government interests with a strategic to tactical perspective on the issues that concern you.

#### **UNEXPLODED ORDNANCE (UXO) AND CHEMICAL WARFARE AGENT (CWA) REMEDIATION PLANNING**

The environmental and planning considerations involved in the field of UXO and CWA remediation are far more relevant than may be generally understood. There are still around 2000 known sites in Australia contaminated by UXO and up to 200 sites potentially contaminated with CWA from WW2 trials, experiments and laboratories. For many tracts of land in Australia that are subject to project development proposals – whether commercial or recreational – the threats posed by the existence of UXO or CWA should not be overlooked.

Risks may include the public's unintended exposure to the discharge of partially detonated or decomposing ordnance and explosives. More insidious still are the potential health and environmental effects of soil, ground water and surface water contamination from munitions and their residues.

H<sup>3</sup>S offers you the skills and experience that you need to navigate this little-understood area of project development planning. Scott Heiman has been a negotiator on behalf of Federal and State agencies offering remediation project management, community consultation and planning advice on the issues and challenges faced in the field of UXO and CWA remediation.

#### **CLOSURE AND SITE REHABILITATION PLANNING**

Planning for project closure is an increasingly important development component that should commence in parallel with the initial project planning. Closure planning and ongoing site rehabilitation during project development includes stockpiles, waste rock dumps, construction pads or other disturbed areas. H<sup>3</sup>S provides environmental rehabilitation advice for sustainable revegetation programs, fauna habitat development, erosion control, infrastructure screening, bushfire risk prevention, landscape biodiversity and threatened species conservation.

## **ENVIRONMENTAL ASSESSMENTS**

H<sup>3</sup>S provides environmental assessments for projects in accordance with relevant regulatory requirements. We specialise in developing practical and sustainable avoidance, remediation and mitigation management measures, for potential adverse environmental impacts due to project development.

## **ENVIRONMENTAL MONITORING AND RESEARCH**

H<sup>3</sup>S is experienced in monitoring the impact on plant and animal communities of proposed project developments. Whether you are considering environmental compliance, biodiversity conservation and/or rehabilitation following site disturbance or for academic research purposes, H<sup>3</sup>S can help you achieve your aims.

## **ECOLOGICAL SURVEYS**

H<sup>3</sup>S is experienced in a range of ecological survey techniques for plants, animals, communities, habitats, weeds and animal pests. This includes experience in assessing a diverse range of flora and fauna, including threatened species and ecological communities in coastal, temperate, arid and alpine environments.

## **VERTEBRATE PEST MANAGEMENT AND STRATEGIES**

H<sup>3</sup>S assists in the management of feral, introduced and native vertebrates (that have reached unsustainable populations) by contributing to environmentally sustainable and accountable pest management action planning. This includes defining the scope of the problem and its contributory factors; identifying appropriate means for live trapping, holding, releasing and humanely destroying animals; and advising on the relevant regulatory and policy framework within which pest management strategies need to be implemented.

## **STAKEHOLDER CONSULTATION, EDUCATION**

Skilled in community consultation, public participation and environmental stakeholder engagement, H<sup>3</sup>S provides communication pathways between clients and stakeholder groups through direct contact, facilitated workshops, multi-media material and other organised gatherings.

## **PEER REVIEW**

H<sup>3</sup>S provides high quality peer review of environmental strategies, processes and reports. You'd ask for a second opinion on a health assessment from your General Practitioner – so why not a second opinion on an environmental assessment from a proposed project developer? H<sup>3</sup>S offers you independent professional peer reviews to support accountable and defensible project planning and decision-making.