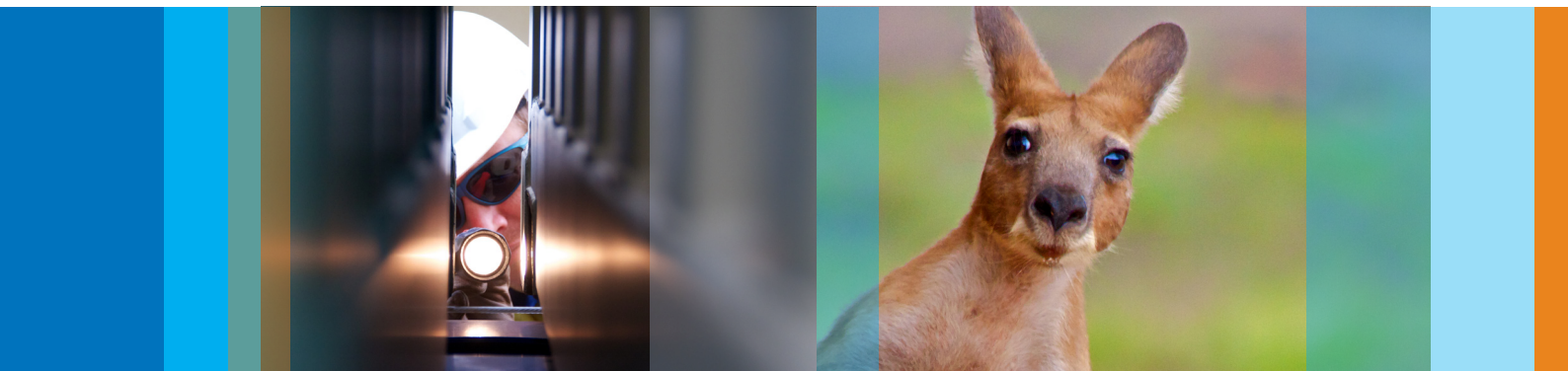




Barrow Island Quarantine Management System



The introduction of non-indigenous species is likely to be one of the greatest global conservation challenges of the 21st Century. Introduced species can cause significant loss of biodiversity which, in turn, can also erode the economic potential of agriculture, forestry and fisheries.

Chevron Australia's key environmental objective is to protect the conservation values and maintain the biodiversity of Barrow Island and its surrounding waters.

World Class Quarantine Management System

In response to the risk of introducing non-indigenous (non-native) species to Barrow Island, Chevron Australia has developed a comprehensive management system aimed at protecting Barrow Island and its surrounding waters that the Western Australian Environmental Protection Authority considers as 'likely to be world's best practice'.

The comprehensive nature of the system demonstrates a commitment to ensure the island's full suite of native species remains intact. It pioneers a new, risk-based quarantine approach, with an interrelated set of more than 300 procedures, specifications, checklists and guidelines. It is the world's largest non-government quarantine initiative.

Thirteen material pathways have been identified by which non-indigenous species might gain entry to the island. A set of detailed quarantine barriers has been implemented for each pathway to reduce the likelihood of introductions. These barriers include physical,

chemical or biological interventions, procedures, specifications and administrative processes. This range and sequence of barriers has not been developed for the purpose of quarantine protection anywhere else in the world.

In addition, post-border activities include ecological monitoring to determine trends that might indicate a presence of non-indigenous species, surveillance to determine the presence or absence of non-indigenous species and an eradication and control capability to ensure an early chance of success without significant environmental harm.

To support rapid diagnostics for an early response, the most comprehensive baseline for invertebrates has been completed in Australia. All species have been digitised into high resolution images that are publicly available on the government website www.padil.gov.au.

A New Benchmark

The Barrow Island Quarantine Management System sets a new standard in the assessment of quarantine risk focusing on all possible introduction pathways and the exclusion of all non-indigenous species. It is one with no precedent or equal rigour anywhere else in the world.

The Barrow Island Quarantine Management System has been recognised for its excellence in environmental management and stewardship receiving the Australian Petroleum Production and Exploration Association's (APPEA) Environment Award at the 2011 conference in Perth as well as the 2011 Environment Award at the WA Engineering Awards.

Since the Gorgon Project commenced, there have been zero introductions or proliferations of non-indigenous species to Barrow Island or its surrounding waters.

For more information on the Gorgon Project:

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