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Your ref: OEPA 2010/189  
Our ref: S0504/200903  
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Dr Paul Vogel  
Chairman  
Environmental Protection Authority  
Locked Bag 33  
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PERTH WA 6850

Dear Dr Vogel

### DINOSAUR FOOTPRINT SURVEY - BROWSE LNG PRECINCT

I refer to your letter of 11 August 2011 which requested that the Department of State Development commission the undertaking of additional field survey of dinosaur footprints to help inform the EPA in its assessment of the Browse LNG Precinct proposal.

Please find attached a copy of the report which includes appropriate peer review as requested in your letter. This report includes detailed geographical references of locations of tracks in Appendix 4 which will be excluded from the publicly released version.

The report significantly increases the understanding of dinosaur footprints and tracks in the Broome Sandstone between Roebuck Bay and Cape Leveque. Overall it may be concluded that the tracks are both more significant and more common than was previously understood.

In relation to the potential for impacts from the proposal the report shows that there are important track sites within the indicative port crossing area. Further analysis of our design requirements indicates that it is possible to avoid potential direct impacts to these tracks by avoiding construction in the northern part of this area.

In addition to this key response to the findings in the report we also commit to:

- Avoidance of impacts to southern pipeline "possible" trample area identified in the report.
- The development of a Palaeontological Resources Management Plan in consultation with the Office of the EPA and the Department of Sustainability, Environment, Water, Population and Communities to provide for all aspects of long term management (as detailed in the Summary Response to Submissions) to include details of the commitments below.

- Requirement for Proponents of Derived Proposals to support additional study and documentation at James Price Point to monitor indirect impacts and build on knowledge and management measures.
- Development of an offset fund acknowledging uncertainty arising from potential indirect impacts due to changes on coastal processes. This fund would support long term research to further improve knowledge, and investigations and the development of business plans on the potential for developing ecotourism or other opportunities.

These commitments are broadly consistent with the recommendations developed in the report by its authors Richard McCrea and Dr Martin Lockley with the exception their suggested commitment to funding a local museum in the Broome area. While this suggestion may have merit, it is considered that requiring such a commitment is premature and that analysis of business development plans (in tourism and education) that take advantage of the world class resource available around Broome and further along the Dampier Peninsula is more appropriate at this stage. This would enable future work with Traditional Owners to implement plans that can be supported through the range of funding mechanisms available via Precinct and Regional Benefits Agreements.

If you have any further questions regarding this matter please contact Peter Baldwin on 9222 0413.



Gail McGowan  
DEPUTY DIRECTOR GENERAL  
STATE INITIATIVES

21 November 2011

**CC**

Ms Carolyn Cameron - DSEWPaC  
Mr Michael Hession - Woodside

Encl – Palaeontology Survey of the Broome Sandstone – Browse LNG Precinct Report