



# Gorgon Gas Development and Jansz Feed Gas Pipeline

## Vegetation Clearing and Audit Common User Procedure

Document No:	G1-PP-HES-PRC-0012	Revision:	1
Revision Date:	09 August 2009	Copy No:	
IP Security:	Public		

## TABLE OF CONTENTS

<b>TERMINOLOGY, DEFINITIONS AND ABBREVIATIONS .....</b>	<b>5</b>
<b>1.0 INTRODUCTION .....</b>	<b>8</b>
1.1 Background .....	8
1.2 Scope .....	9
1.3 Objectives .....	9
1.4 Relevant Documents .....	10
<b>2.0 LEGISLATIVE FRAMEWORK .....</b>	<b>11</b>
2.1 Legislation .....	11
2.1.1 Barrow Island Act 2003 (WA) .....	11
2.1.2 Environmental Protection Act 1986 (WA) .....	11
<b>3.0 LAND TAKE REGISTER .....</b>	<b>12</b>
3.1 Determination of the Gorgon Gas Development Footprint .....	12
3.2 Land Take Register .....	12
3.3 Clearing of Vegetation .....	12
3.4 Rehabilitation .....	13
<b>4.0 AUDITING AND REPORTING .....</b>	<b>15</b>
4.1.1 Annual Audit .....	15
4.1.2 Compliance Reporting .....	15
4.1.3 Environmental Performance Reporting .....	15
4.1.4 Incident Reporting .....	16
4.2 Review of this Procedure .....	16
<b>5.0 REFERENCES .....</b>	<b>17</b>

## APPENDICES

### APPENDIX A: COMPLIANCE REPORTING TABLE

## TERMINOLOGY, DEFINITIONS AND ABBREVIATIONS

Terms, definitions and abbreviations used in this document are listed below. These align with the terms, definitions and abbreviations defined in Schedule 2 of the Western Australian Gorgon Gas Development and Jansz Feed Gas Pipeline Ministerial Implementation Statements No. 800 and No. 769 respectively (Statement No. 800 and 769) and the Commonwealth Gorgon Gas Development and Jansz Feed Gas Pipeline Ministerial Approvals (EPBC Reference: 2003/1294, 2008/4178 and 2005/2184).

Carbon Dioxide (CO <sub>2</sub> ) Injection System	The mechanical components required to be constructed to enable the injection of reservoir carbon dioxide, including but not limited to compressors, pipelines and wells.
CO <sub>2</sub>	Carbon Dioxide
Construction	Construction includes any Proposal-related (or action-related) construction and commissioning activities within the Terrestrial and Marine Disturbance Footprints, excluding investigatory works such as, but not limited to, geotechnical, geophysical, biological and cultural heritage surveys, baseline monitoring surveys and technology trials.
Cth	Commonwealth of Australia
DEC	Western Australian Department of Environment and Conservation
DEWHA	Commonwealth Department of the Environment, Water, Heritage and the Arts
EP Act	Western Australian Environmental Protection Act 1986
EPBC Reference: 2003/1294	Commonwealth Ministerial Approval (for the Gorgon Gas Development) as amended or replaced from time to time.
EPBC Reference: 2005/2184	Commonwealth Ministerial Approval (for the Jansz Feed Gas Pipeline) as amended or replaced from time to time.
EPBC Reference: 2008/4178	Commonwealth Ministerial Approval (for the Revised Gorgon Gas Development) as amended or replaced from time to time.
Gorgon Gas Development	The Gorgon Gas Development as approved under Statement No. 800 and EPBC Reference: 2003/1294 and 2008/4178 as amended or replaced from time to time.
Gorgon Gas Development Footprint	Consists of the cleared areas and uncleared areas approved to be cleared on Barrow Island used for the construction and operation of the Gorgon Gas Development and Jansz Feed Gas Pipeline.
ha	Hectare

Jansz Feed Gas Pipeline	The Jansz Feed Gas Pipeline as approved in Statement No. 769 and EPBC Reference: 2005/2184 as amended or replaced from time to time.
Land Take Register	A GIS database that stores all the clearing associated with the Gorgon Gas Development and Jansz Feed Gas Pipeline.
LNG	Liquefied Natural Gas
Native	In relation to non-indigenous species means species that are naturally occurring in a region.
Native Vegetation	As defined in the EP Act and Regulations, native vegetation is 'indigenous aquatic or terrestrial vegetation, and includes dead vegetation unless that dead vegetation is of a class declared by regulation to be excluded from this definition but does not include vegetation in a plantation'.
OE	Operational Excellence
Operations (Gorgon Gas Development)	In relation to Statement No. 800 and EPBC Reference: 2003/1294 and 2008/4178, for the respective LNG trains, this is the period from the date on which the Gorgon Joint Venturers issue a notice of acceptance of work under the Engineering, Procurement and Construction Management (EPCM) contract, or equivalent contract entered into in respect of that LNG train of the Gas Treatment Plant; until the date on which the Gorgon Joint Venturers commence decommissioning of that LNG train.
Operations (Jansz Feed Gas Pipeline)	In relation to Statement No. 769, for the pipeline, this is the period from the date on which the Proponent issues a notice of acceptance of work under the Engineering, Procurement and Construction Management (EPCM) contract, or equivalent contract entered into in respect of that pipeline; until the date on which the Proponent commences decommissioning of that pipeline.
Shapefile	Environmental Systems Research Institute (ESRI) proprietary GIS format.
SME	Subject Matter Expert
Statement No. 748	Western Australian Ministerial Implementation Statement No. 748 (for the Gorgon Gas Development) as amended from time to time [superseded by Statement No. 800].
Statement No. 769	Western Australian Ministerial Implementation Statement No. 769 (for the Jansz Feed Gas Pipeline) as amended from time to time.
Statement No. 800	Western Australian Ministerial Implementation Statement No. 800 (for the Gorgon Gas Development) as amended from time to time.

## Terrestrial Facilities

In relation to Statement No. 800 and EPBC Reference: 2003/1294 and 2008/4178, the terrestrial facilities are the:

- ◆ Gas Treatment Plant
- ◆ Carbon Dioxide Injection System
- ◆ Associated Terrestrial Infrastructure forming part of the Proposal
- ◆ Areas impacted for seismic data acquisition
- ◆ Onshore Feed Gas Pipeline System and terrestrial component of the Shore Crossing.

In relation to Statement No. 769, terrestrial facilities are the Onshore Feed Gas Pipeline System and terrestrial component of the Shore Crossing, as approved under Statement No. 769.

WA

Western Australia

## 1.0 INTRODUCTION

### 1.1 Background

The initial Gorgon Gas Development was approved by the Western Australian State Minister for the Environment on 6 September 2007 by way of Ministerial Implementation Statement No. 748 (Statement No. 748) and the Commonwealth Minister for the Environment and Water Resources on 3 October 2007 (EPBC Reference: 2003/1294).

The Revised and Expanded Gorgon Gas Development was approved by the Western Australian State Minister for the Environment on 10 August 2009 by way of Ministerial Implementation Statement No. 800 (Statement No. 800). Statement No. 800 also superseded Statement No. 748 as the approval for the initial Gorgon Gas Development. Statement No. 800 therefore provides approval for both the initial Gorgon Gas Development and the Revised and Expanded Gorgon Gas Development, which together are known as the Gorgon Gas Development.

The Jansz Feed Gas Pipeline was approved by the Western Australian State Minister for the Environment on 28 May 2008 by way of Ministerial Implementation Statement No. 769 (Statement No. 769) and the Commonwealth Minister for the Environment and Water Resources on 22 March 2006 (EPBC Reference: 2005/2184).

This Procedure covers the Gorgon Gas Development as approved under Statement No. 800 and as approved by EPBC Reference: 2003/1294 and 2008/4178. In addition, this Procedure covers the Jansz Feed Gas Pipeline as approved by Ministerial Implementation Statement No. 769 and EPBC Reference: 2005/2184.

This Procedure satisfies the requirements of the following Western Australian and Commonwealth Ministerial approval conditions.

Condition 7.6 (i) of Statement No. 800 and Statement No. 769, and Condition 6.6 (i) of EPBC Reference: 2003/1294 and 2008/4178 require:

*“Vegetation Clearing Audit Procedures to determine the extent of clearing and rehabilitation on an annual basis.”*

The Common User Procedures have been prepared to support a number of the plans required by these approvals, in particular, the Terrestrial and Subterranean Environmental Protection Plan (Chevron Australia 2009), by providing the detail on specific environmental issues identified in the Plan.

This Procedure addresses the auditing of clearing associated with the Terrestrial Facilities defined in Schedule 1 of Statement No. 800 and Statement No. 769. The Terrestrial Facilities in Schedule 1 of Statement No. 800, are the:

- ◆ Gas Treatment Plant
- ◆ Carbon Dioxide Injection System
- ◆ Associated Terrestrial Infrastructure forming part of the Proposal
- ◆ areas impacted for seismic data acquisition
- ◆ Onshore Feed Gas Pipeline System and terrestrial component of the Shore Crossing.

This includes the terrestrial facility defined in Schedule 1 of Statement No. 769, being the Onshore Feed Gas Pipeline System and terrestrial component of the Shore Crossing.

In respect of the Carbon Dioxide Seismic Baseline Survey Works Program, which comprises the only works approved under Statement No. 748 before it was superseded, and under EPBC Reference: 2003/1294 before the Minister approved a variation to it on 26 August 2009, note that under Condition 1A.1 of Ministerial Statement No. 800 and Condition 1.4 of EPBC Reference: 2003/1294 and 2008/4178 this Program is authorised to continue for six months subject to the existing approved plans, reports, programs and systems for the Program, and the works under the Program are not the subject of this Procedure.

Any matter specified in this Procedure is relevant to the Gorgon Gas Development or Jansz Feed Gas Pipeline only if that matter relates to the specific activities or facilities associated with that particular development.

This Procedure, which meets the conditions of EPBC Reference: 2003/1294 and 2008/4178, shall be read and interpreted as only requiring implementation under EPBC Reference: 2003/1294 and 2008/4178 for managing the impacts of the Gorgon Gas Development on, or protecting the EPBC Act matter listed in Terrestrial and Subterranean Baseline State and Environmental Impact Report (Chevron Australia 2009j). The implementation of matters required only to meet the requirements of Ministerial Statement No. 800 (and No. 769) are not the subject of the EPBC Reference: 2003/1294 and 2008/4178.

## 1.2 Scope

The scope of this Procedure is that it:

- ◆ is relevant to vegetation clearing undertaken for the Gorgon Gas Development and Jansz Feed Gas Pipeline on Barrow Island
- ◆ does not deal with clearing activities that take place as part of other developments on Barrow Island
- ◆ does not cover vegetation clearing associated with the Gorgon Gas Development and Jansz Feed Gas Pipeline on the mainland
- ◆ does not cover vegetation clearing in the nearshore marine environment. Disturbance to the seafloor will be addressed in the Dredging and Spoil Disposal Management and Monitoring Plan (Chevron Australia 2009a) and the Marine Facilities Construction Environmental Management Plan (Chevron Australia 2009b)
- ◆ determines the Gorgon Gas Development Footprint, as detailed in the Land Take Register
- ◆ describes a process for auditing of vegetation clearing and rehabilitation activities undertaken for the Gorgon Gas Development and Jansz Feed Gas Pipeline.

This Procedure does not calculate cumulative totals for clearing and the requirements under the *Barrow Island Act 2003* (WA).

## 1.3 Objectives

The objectives of this Procedure are to:

- ◆ specify how the area of cleared and uncleared land to be used for the Gorgon Gas Development and Jansz Feed Gas Pipeline will be calculated
- ◆ specify how data relating to vegetation clearing and rehabilitation will be collected, analysed and managed
- ◆ detail the frequency and form of the audit process.

## 1.4 Relevant Documents

The following documents should be read in conjunction with this Procedure:

- ◆ Aboriginal Cultural Heritage Management Plan (Chevron Australia 2009c)
- ◆ Barrow Island Weed Hygiene Common User Procedures (Chevron Australia 2009d)
- ◆ Ecological Monitoring Common User Procedures (Chevron Australia 2009f)
- ◆ Fauna Handling and Management Procedures (Chevron Australia 2009g)
- ◆ Fire Management Plan (Chevron Australia 2009h)
- ◆ Post-Construction Rehabilitation Plan (Chevron Australia 2009i)
- ◆ Terrestrial and Subterranean Baseline State and Environmental Impact Report (Chevron Australia 2009j)
- ◆ Terrestrial and Subterranean Environment Monitoring Program (Chevron Australia 2009k)
- ◆ Terrestrial and Subterranean Environment Protection Plan (Chevron Australia 2009)
- ◆ Traffic Management Common User Procedure (Chevron Australia 2009l)
- ◆ Ground Disturbance Certificate Procedure (Kellogg Joint Venture 2009 in prep).

## 2.0 LEGISLATIVE FRAMEWORK

### 2.1 Legislation

Vegetation clearing associated with the Gorgon Gas Development and Jansz Feed Gas Pipeline must comply with the requirements of two Western Australian Acts:

- ◆ *Environmental Protection Act 1986* (EP Act)
- ◆ *Barrow Island Act 2003* (Barrow Island Act).

#### 2.1.1 Barrow Island Act 2003 (WA)

The *Barrow Island Act 2003* (WA) defines the total area and breakdown (distribution) of uncleared land on Barrow Island that can be used for gas processing purposes.

Under section 9 of the Barrow Island Act, no more than 300 ha in total of uncleared land on Barrow Island can be the subject of a lease, licence or easement for gas processing purposes. The area currently reserved for the Gorgon Joint Venturers (GJVs) is 150 ha for long-term leases for the project and easements for CO<sub>2</sub> pipelines, control lines and ancillary services (Schedule 1 section 6 (2) of the Barrow Island Act). A further 50 ha has been reserved for the grant of easements for petroleum pipelines, control lines and ancillary services associated with gas and other petroleum processing within the Gas Processing Area by the GJVs (Schedule 1 section 6 (3) of the Barrow Island Act). The GJVs have requested and have received approval from the State to submit proposals that involve the use of the whole of the 300 ha for the Gorgon Gas Development and Jansz Feed Gas Pipeline under Schedule 1 section 6 (10) of the Barrow Island Act.

Uncleared land is defined in section 9 (2) of the Barrow Island Act as 'land that is not cleared at the time of the grant ... of a lease, licence or easement'. The Barrow Island Act does not define cleared land.

#### 2.1.2 Environmental Protection Act 1986 (WA)

The clearing of native vegetation is regulated under section 51C of the *Environmental Protection Act 1986* (WA) (EP Act). The EP Act requires that all clearing is undertaken in accordance with a clearing permit unless an exemption in Schedule 6 applies or the clearing is prescribed in the Environmental Protection (Clearing of Native Vegetation) Regulations 2004 and is not done in an environmentally sensitive area. Clearing for the Gorgon Gas Development and Jansz Feed Gas Pipeline will be undertaken in the implementation of the Gorgon Gas Development and Jansz Feed Gas Pipeline and in accordance with the relevant approval conditions, and therefore falls within the exemption from the requirement to hold a clearing permit under Schedule 6 item 2 (a) of the EP Act.

## **3.0 LAND TAKE REGISTER**

### **3.1 Determination of the Gorgon Gas Development Footprint**

A number of areas have already been used, or will be used in the future, and Terrestrial Facilities constructed on sites that have been partially or completely cleared in the past. Use of these sites range from actively managed (no vegetation present), to not actively managed (some regrowth occurring naturally), to actively rehabilitated. To calculate the Gorgon Gas Development Footprint, all land to be used as part of the Gorgon Gas Development and Jansz Feed Gas Pipeline will need to be classified as cleared or uncleared. The determination of whether an area of land used by the Gorgon Gas Development and Jansz Feed Gas Pipeline is classified as cleared or uncleared under the Barrow Island Act will be determined through interpretation of photography in the first instance. The Western Australian Department of Environment and Conservation (DEC) have developed a Clearing Guidance (DEC 2009), which has been applied to assist Chevron Australia in this determination of cleared and uncleared areas. If the vegetative status is not agreed between Chevron and the DEC, on-ground verification will be undertaken with Chevron Australia and the DEC where required. Initially aerial photography will be used; however, satellite imagery may be used in the future if sensor resolution increases to a sufficient level.

### **3.2 Land Take Register**

The areas of cleared and uncleared land already used or required in the future for the Gorgon Gas Development and Jansz Feed Gas Pipeline will be compiled to determine the Gorgon Gas Development Footprint, using the aerial photography from 2008, which was flown to an accuracy of  $\pm 0.5$  m. This aerial photography will provide a baseline against which future clearing will be compared. The Gorgon Gas Development Footprint will be interpreted spatially, which will allow a Geographic Information System (GIS) database – the Land Take Register – to be constructed. A team of Subject Matter Experts (SMEs) consisting of personnel involved with the project will verify the photography of the entire database to ensure a consistent approach has been adopted in determining cleared and uncleared areas. This will create a baseline map against which all future clearing activities will be audited.

This spatial information pertaining to the Land Take Register will be submitted to the DEC as a set of shapefiles.

The custodian for the Land Take Register is the Gorgon Environmental Program Team Leader and the Register will be maintained by the Chevron Australia's GIS Team.

### **3.3 Clearing of Vegetation**

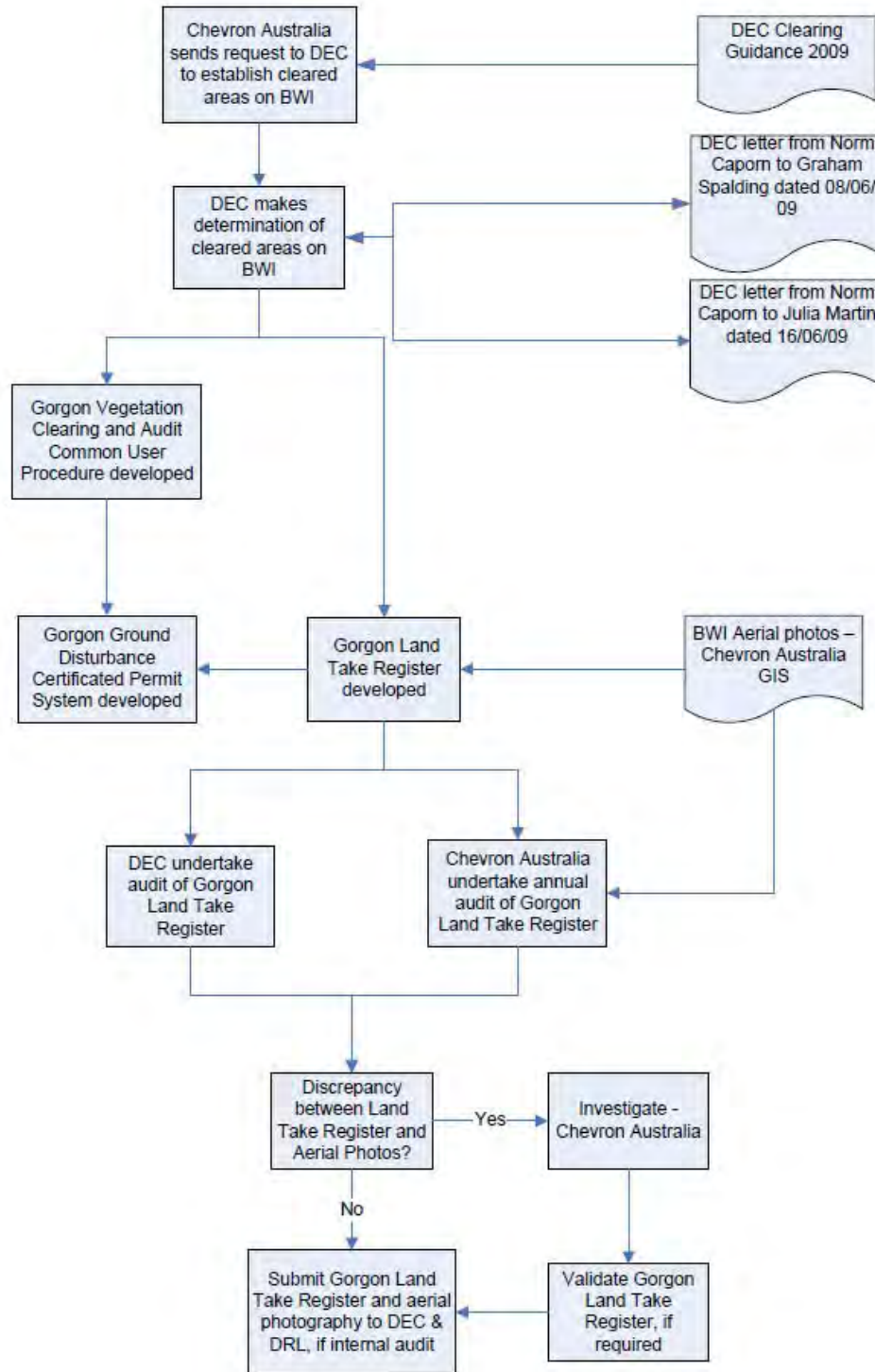
Chevron Australia has prepared an internal Ground Disturbance Certificated Permit System to address vegetation clearing required for the Gorgon Gas Development and Jansz Feed Gas Pipeline, and which it internally requires its employees, contractors etc. to comply with. This Permit System will also be applied to the vegetation clearing required for the Gorgon Gas Development and Jansz Feed Gas Pipeline under Condition 7 of Statement No. 800 and Statement No. 769 and Condition 6 of EPBC Reference: 2003/1294 and 2008/4178 where this is appropriate and reasonably practicable.

Details of all clearing undertaken for the purposes of the Gorgon Gas Development and Jansz Feed Gas Pipeline will be supplied to Chevron Australia's Gorgon GIS Team, who will record all clearing activities in the Land Take Register.

### 3.4 Rehabilitation

Once areas that have been previously used for the Gorgon Gas Development and Jansz Feed Gas Pipeline are no longer required, these will be rehabilitated in accordance with the Post-Construction Rehabilitation Plan (Chevron Australia 2009i). Details of these areas of rehabilitation will be provided to the Chevron Australia GIS team, to be recorded in the Land Take Register. This will allow the amount of rehabilitation attributable to the Gorgon Gas Development and Jansz Feed Gas Pipeline to be accounted for and provided to the DEC, if required. It is to be noted that land that has been rehabilitated will continue to remain as “uncleared” land in the Land Take Register.

Figure 3.1 illustrates the process for the Vegetation Clearing Audit process, as detailed in the sections above.



**Figure 3.1: Flowchart Illustrating Vegetation Clearing Audit Process**

## **4.0 AUDITING AND REPORTING**

### **4.1.1 Annual Audit**

An annual audit of the Land Take Register will be undertaken using updated photography by the Chevron Australia GIS Team. During construction, imagery will be acquired prior to each audit to capture the most recent status of vegetative cover. During the operations phase, the frequency of imagery acquisition will be as Chevron Australia determines necessary, in consultation with the DEC, taking into consideration vegetation clearing activities undertaken during any given year. The process for determining vegetation on an annual basis in the operations will be determined in a later revision of this Procedure.

The audit will be undertaken by SMEs using the most recently acquired photography in conjunction with data from the Land Take Register, which illustrates the areas of clearing and rehabilitation undertaken for the Gorgon Gas Development and Jansz Feed Gas Pipeline. The audit process will ensure that areas marked as cleared or rehabilitated in the Land Take Register comply with the change in vegetative cover on Barrow Island. If there is a discrepancy between these areas in the Land Take Register and the photography, this will be investigated on-ground to ascertain the reason for this. If this is unauthorised clearing, it will be investigated through internal incident investigation processes detailed in Section 4.1.4. The Land Take Register will be updated to reflect that shown in the photography. Once the Land Take Register is finalised, this will be made available to the DEC. DEC may undertake independent ground-truthing or interpretation to verify the accuracy of the Land Take Register.

### **4.1.2 Compliance Reporting**

Condition 4 of Statement No. 800 and Condition 2 of EPBC Reference: 2003/1294 and 2008/4178 requires Chevron Australia to submit a Compliance Assessment Report annually to address the previous 12-month period. Condition 4 of Statement No. 769 and Condition 5 of EPBC Reference: 2005/2184 similarly require that Chevron Australia submit an Audit Compliance Report on an annual basis, for the previous 12-month period. An audit table is provided in Appendix A to assist with auditing for compliance with this Procedure for Statement No. 800, EPBC Reference: 2003/1294 and 2008/4178 and Statement No. 769. This Procedure is not required under EPBC Reference: 2005/2184 therefore, compliance reporting is not required to meet this condition.

### **4.1.3 Environmental Performance Reporting**

Condition 5.1 of Statement No. 800, Statement No. 769 and Condition 4 of EPBC Reference: 2003/1294 and 2008/4178 require that Chevron Australia submits an Environmental Performance Report to the Western Australian Minister for the Environment and to the Commonwealth DEWHA respectively, on an annual basis, for the previous 12-month period.

In addition, under Condition 5.3 of Statement No. 800 and Statement No. 769 every five years from the date of the first annual Report, Chevron Australia shall submit to the Western Australian Minister for the Environment an Environmental Performance Report covering the previous five year period.

Specific details on the content of the Environmental Performance Report are defined in Condition 5.2 and Schedule 3 of Statement No. 800, Condition 5.2 of Statement No. 769 and Schedule 3 of EPBC Reference: 2003/1294 and 2008/4178.

The information in the Environmental Performance Report will also partly meet the requirements of Condition 3.7 of EPBC Reference: 2003/1294 and 2008/4178

#### **4.1.4 Incident Reporting**

Chevron Australia has prepared the ASBU Emergency Management Process (Chevron Australia 2007c) and Incident Investigation and Reporting Process (Chevron Australia 2008c), which it internally requires its employees, contractors, etc. to follow in the event of environmental incidents. These processes will also be internally applied to environmental incidents identified in this Procedure, where this is appropriate and reasonably practicable.

#### **4.2 Review of this Procedure**

Chevron Australia is committed to conducting activities in an environmentally responsible manner and aims to implement best practice environmental management as part of a program of continuous improvement. This commitment to continuous improvement means Chevron Australia will review this Procedure every year for the first three years and after that, every five years and more often as required (e.g. in response to new information).

Reviews will address matters such as the overall design and effectiveness of the Procedure, progress in environmental performance, changes in environmental risks, changes in business conditions, and any relevant emerging environmental issues.

If the Procedure no longer meets the aims, objectives or requirements of the Procedure, if works are not appropriately covered by the Procedure, or measures are identified to improve the Procedure, Chevron Australia may submit an amendment or addendum to the Procedure to the Minister for approval under Condition 36 of Statement No. 800 and Condition 21 of Statement No. 769.

If Chevron Australia wishes to carry out an activity otherwise than in accordance with the Procedure, Chevron will update the Procedure and submit it for approval by the Minister in accordance with Condition 13 of EPBC Reference: 2003/1294 and 2008/4178 or Condition 6 of EPBC Reference: 2005/2184. The Commonwealth Minister may also direct Chevron Australia to revise the Procedure under Condition 26 of EPBC Reference: 2003/1294 and 2008/4178.

## 5.0 REFERENCES

- Chevron Australia. 2005. *Draft Gorgon Environmental Impact Statement/Environmental Review and Management Programme for the Proposed Gorgon Development*. Chevron Australia, Perth, Western Australia.
- Chevron Australia. 2006. *Final Environmental Impact Statement/Environmental Review and Management Programme for the Gorgon Gas Development*. Chevron Australia, Perth, Western Australia.
- Chevron Australia. 2007. *ASBU Emergency Management Process*. Chevron Australia, Perth. (OE-11.01.01)
- Chevron Australia. 2008. *Gorgon Gas Development Revised and Expanded Proposal Public Environmental Review*. Chevron Australia, Perth, Western Australia.
- Chevron Australia. 2008a. *Incident Investigation and Reporting*. Chevron Australia, Perth, Western Australia. (OE-09.00.01)
- Chevron Australia. 2009. *Gorgon Gas Development and Jansz Feed Gas Pipeline Terrestrial and Subterranean Environmental Protection Plan*. Chevron Australia, Perth, Western Australia. (G1-NT-PLNX0000294)
- Chevron Australia. 2009a. *Gorgon Gas Development and Jansz Feed Gas Pipeline Dredging and Spoil Disposal Management and Monitoring Plan*. Chevron Australia, Perth, Western Australia. (G1-NT-PLNX0000373)
- Chevron Australia. 2009b. *Gorgon Gas Development and Jansz Feed Gas Pipeline Marine Facilities Construction Environmental Management Plan*. Chevron Australia, Perth, Western Australia. (G1-NT-PLNX0000308)
- Chevron Australia. 2009c. *Gorgon Gas Development and Jansz Feed Gas Pipeline Aboriginal Cultural Heritage Management Plan*. Chevron Australia, Perth, Western Australia. (G1-PLNX0000207)
- Chevron Australia. 2009d. *Gorgon Gas Development and Jansz Feed Gas Pipeline Barrow Island Weed Hygiene Common User Procedures*. Chevron Australia, Perth, Western Australia. (G1-PP-HES-PRC-0016)
- Chevron Australia. 2009e. *Gorgon Gas Development and Jansz Feed Gas Pipeline Burning of Vegetation on Barrow Island Common User Procedure*. Chevron Australia, Perth, Western Australia. (G1-PP-HES-PRC-0020)
- Chevron Australia. 2009f. *Gorgon Gas Development and Jansz Feed Gas Pipeline Ecological Monitoring Common User Procedures*. Chevron Australia, Perth, Western Australia. (G1-PP-HES-PRC-0017)

- Chevron Australia. 2009g. *Gorgon Gas Development and Jansz Feed Gas Pipeline Fauna Handling and Management Procedures*. Chevron Australia, Perth, Western Australia. (G1-PP-HES-PRC-0009)
- Chevron Australia. 2009h. *Gorgon Gas Development and Jansz Feed Gas Pipeline Fire Management Plan*. Chevron Australia, Perth, Western Australia. (G1-NT-PLNX0000272)
- Chevron Australia. 2009i. *Gorgon Gas Development and Jansz Feed Gas Pipeline Post-Construction Rehabilitation Plan*. Chevron Australia, Perth, Western Australia. (G1-NT-PLNX0000303)
- Chevron Australia. 2009j. *Gorgon Gas Development and Jansz Feed Gas Pipeline Terrestrial and Subterranean Baseline State and Environmental Impact Report*. Chevron Australia, Perth, Western Australia. (G1-TE-H-0000-REPX027)
- Chevron Australia. 2009k. *Gorgon Gas Development and Jansz Feed Gas Pipeline Terrestrial and Subterranean Environment Monitoring Program*. Chevron Australia, Perth, Western Australia. (G1-NT-PLNX0000309)
- Chevron Australia. 2009l. *Gorgon Gas Development and Jansz Feed Gas Pipeline Traffic Management Common User Procedure*. Chevron Australia, Perth, Western Australia. (G1-PP-HES-PRC-0010)
- Commonwealth Government of Australia, Assistant Secretary Environmental Assessment Branch, Anne-Marie Delahunt. 2006. *Decision to Approve the taking of an Action – Jansz Feed Gas Pipeline (EPBC Reference: 2005/2184), 22 March 2006*. Canberra, Australian Capital Territory.
- Commonwealth Government of Australia, Minister for the Environment and Water Resources, Malcolm Turnbull. 2007. *Approval – Gorgon Gas Development (EPBC Reference: 2003/1294), 3 October 2007*. Canberra, Australian Capital Territory.
- Commonwealth Government of Australia, Minister for the Environment, Water, Heritage and the Arts, Peter Garrett. 2009. *Approval – Gorgon Gas Development (EPBC Reference: 2008/4178), 26 August 2009*. Canberra, Australian Capital Territory.
- Department of Environment and Conservation. 2009. *Clearing Guidance*. Unpublished.
- Government of Western Australia, Minister for the Environment, David Templeman MLA. 2007. *Statement that a Proposal may be Implemented – Gorgon Gas Development: Barrow Island Nature Reserve (Ministerial Statement No. 748), 6 September 2007*. Perth, Western Australia.
- Government of Western Australia, Minister for the Environment, David Templeman MLA. 2008. *Statement that a Proposal may be Implemented – Jansz Feed Gas Pipeline: Barrow Island Nature Reserve (Ministerial Statement No. 769), 28 May 2008*. Perth, Western Australia.

Government of Western Australia, Minister for the Environment, Youth, Donna Faragher JP MLC. 2009. *Statement that a Proposal may be Implemented – Gorgon Gas Development Revised and Expanded Proposal: Barrow Island Nature Reserve (Ministerial Statement No. 800), 10 August 2009*. Perth, Western Australia.

Kellogg Joint Venture. 2009 in prep. *Ground Disturbance Certificate Permit*. Kellogg Joint Venture, Perth, Western Australia (G1-PP-DWN-KH1500XX).

Western Australian Minister for the Environment (Office of the Appeals Convenor). 2007. *Statement that a Proposal may be Implemented (Pursuant to the Provisions of the Environmental Protection Act 1986), Gorgon Gas Development: Barrow Island Nature Reserve, Statement No. 748*. State Government of Western Australia, Perth, Western Australia.

## APPENDIX A: COMPLIANCE REPORTING TABLE

Section No.	Action	Timing
3.1	To calculate the Gorgon Gas Development Footprint, all land to be used as part of the Gorgon Gas Development and Jansz Feed Gas Pipeline will need to be classified as cleared or uncleared.	Pre construction
3.1	The determination of whether an area of land used by the Gorgon Gas Development and Jansz Feed Gas Pipeline is classified as cleared or uncleared under the Barrow Island Act will be determined through interpretation of photography in the first instance. Initially aerial photography will be used; however, satellite imagery may be used in the future if sensor resolution increases to a sufficient level	Pre construction
3.1	If the vegetative status is not agreed between Chevron and the DEC, on-ground verification will be undertaken with Chevron Australia and the DEC where required.	Pre construction
3.2	The areas of cleared and uncleared land already used or required in the future for the Gorgon Gas Development and Jansz Feed Gas Pipeline will be compiled to determine the Gorgon Gas Development Footprint, using the aerial photography from 2008, which was flown to an accuracy of $\pm 0.5$ m.	Pre construction
3.2	The Gorgon Gas Development Footprint will be interpreted spatially, which will allow a Geographic Information System database – the Land Take Register – to be constructed.	Pre construction
3.2	A team of Subject Matter Experts consisting of personnel involved with the project will verify the photography of the entire database to ensure a consistent approach has been adopted in determining cleared and uncleared areas.	Pre construction
3.2	This spatial information pertaining to the Land Take Register will be submitted to the DEC as a set of shapefiles.	Pre construction
3.3	Details of all clearing undertaken for the purposes of the Gorgon Gas Development and Jansz Feed Gas Pipeline will be supplied to Chevron Australia's Gorgon GIS Team, who will record all clearing activities in the Land Take Register.	All Phases
3.4	Once areas that have been previously used for the Gorgon Gas Development and Jansz Feed Gas Pipeline are no longer required, these will be rehabilitated in accordance with the Post-Construction Rehabilitation Plan. Details of these areas of rehabilitation will be provided to the Chevron Australia GIS team, to be recorded in the Land Take Register.	All Phases
4.1.1	An annual audit of the Land Take Register will be undertaken using updated photography by the Chevron Australia GIS Team.	All Phases
4.1.1	During construction imagery will be acquired prior to each audit to capture the most recent status of vegetative cover.	Construction
4.1.1	During the operations phase, the frequency of imagery acquisition will be as Chevron Australia determines necessary, in consultation with the DEC, taking into consideration vegetation clearing activities undertaken during any given year.	Operations
4.1.1	The process for determining vegetation on an annual basis in the operations will be determined in a later revision of this Procedure.	All Phases
4.1.1	The audit will be undertaken by SMEs using the most recently acquired photography in conjunction with data from the Land Take Register, which illustrates the areas of clearing and rehabilitation undertaken for the Gorgon Gas Development and Jansz Feed Gas Pipeline. If there is a discrepancy between these areas in the Land Take Register and the photography, this will be investigated on-ground to ascertain the reason for this. If this is unauthorised	All Phases

<b>Section No.</b>	<b>Action</b>	<b>Timing</b>
	clearing, it will be investigated through internal incident investigation processes. The Land Take Register will be updated to reflect that shown in the photography. Once the Land Take Register is finalised, this will be made available to the DEC.	
4.2	Chevron Australia will review this Procedure every year for the first three years and after that, every five years and more often as required (e.g. in response to new information).	All Phases