



Environmental Protection Authority

EPA REFERRAL FORM PROPONENT

Referral of a Proposal by the Proponent to the Environmental Protection Authority under Section 38(1) of the Environmental Protection Act.

PURPOSE OF THIS FORM

Section 38(1) of the *Environmental Protection Act 1986* (EP Act) provides that where a development proposal is likely to have a significant effect on the environment, a proponent may refer the proposal to the Environmental Protection Authority (EPA) for a decision on whether or not it requires assessment under the EP Act. This form sets out the information requirements for the referral of a proposal by a proponent.

Proponents are encouraged to familiarise themselves with the EPA's *General Guide on Referral of Proposals* [see Environmental Impact Assessment/Referral of Proposals and Schemes] before completing this form.

A referral under section 38(1) by a proponent to the EPA must be made on this form. A request to the EPA for a declaration under section 39B (derived proposal) must be made on this form. This form will be treated as a referral provided all information required by Part A has been included and all information requested by Part B has been provided to the extent that it is pertinent to the proposal being referred. Referral documents are to be submitted in two formats – hard copy and electronic copy. The electronic copy of the referral will be provided for public comment for a period of 7 days, prior to the EPA making its decision on whether or not to assess the proposal.

CHECKLIST

Before you submit this form, have you

	Yes	No
Completed all the questions in Part A (essential)	✓	
Completed all applicable questions in Part B	✓	
Included Attachment 1 – location maps	✓	
Included Attachment 2 – additional document the proponent wishes to provide (if applicable)	✓	
Included Attachment 3 – confidential information (if applicable)		✓
Enclosed the CD of all referral information, including spatial data and contextual mapping but excluding confidential information.	✓	

Following a review of the information presented in this form, please consider the following question. (A response is Optional)

DO YOU CONSIDER THE PROPOSAL REQUIRES FORMAL ENVIRONMENTAL IMPACT ASSESSMENT?

YES NO NOT SURE
 IF YES, WHAT LEVEL OF ASSESSMENT?
 ASSESSMENT ON PROPONENT INFORMATION
 PUBLIC ENVIRONMENTAL REVIEW

PROPONENT DECLARATION (To be completed by the proponent)

I, Bevan Jon Warris, (*full name*) declare that the information contained in this form is, to my knowledge, true and not misleading.

Signature 	Name (print) Bevan Jon Warris
Position Executive Director	Company Empire Oil Company (WA) Limited
Date 16 October, 2012	

PART A - PROPONENT AND PROPOSAL INFORMATION

(All fields of this Part must be completed for this document to be treated as a referral)

1.1 PROPONENT

Name	Empire Oil and Gas NL
Joint Venture parties (if applicable)	N/A
Postal Address	Empire Oil & Gas NL 229 Stirling Highway CLAREMONT WA 6010
Key proponent contact for the proposal <ul style="list-style-type: none">• Name• Address• Phone• Email	Dr Bevan Warris Executive Director Empire Oil & Gas NL 229 Stirling Highway CLAREMONT WA 6010 Email: bwarris@empireoil.com.au
Consultant for the proposal (if applicable) <ul style="list-style-type: none">• Name• Address• Phone• Email	Clare Bateman / Patricia Aylmore Astron Environmental Services 129 Royal Street East Perth 08 94219600 Clare.bateman@astron.com.au Patricia.aylmore@astron.com.au

1.2 PROPOSAL

Title	Wannamal 3D Seismic Survey
Description	<p>Empire Oil & Gas NL proposes to conduct a three dimensional (3D) Seismic Survey over the Gingin Gas Field.</p> <p>Seismic data is obtained by explosive charges in drilled shot holes.</p> <p>Source lines will run in a north-south direction with shot holes every 100 m. Shot holes will be 100mm diameter, 15m deep, loaded with 2kg seismic explosive and backfilled once explosives are set.</p> <p>Seismic Receiver equipment (cables and geophones) will be deployed in an east-west direction.</p> <p>Empire is proposing to utilise a helicopter assisted or 'heliportable' technique, transporting drilling and seismic receiver equipment by a long-line, suspended beneath a helicopter. The</p>

	<p>equipment is lowered into position and released at pre-programmed points.</p> <p>Explosive charges are detonated one at a time and seismic data is recorded.</p> <p>Site remediation and site check will occur post survey.</p> <p>A detailed project description is provided in the Attached EMP (Attachment 2), Section 4.</p>
Extent (area) of proposed ground disturbance	1.8 ha
Timeframe in which the activity or development is proposed to occur. (Include start and finish dates where applicable)	April/May 2013. Duration of the proposed activity is approximately 7 weeks.
Details of any staging of the proposal	<p>Stage 1: Drilling and loading of shot holes will take 20-40 days.</p> <p>Stage 2: Recording of the seismic data will take approximately 10-14 days.</p>
Is the proposal a strategic proposal?	No
<p>Is the proponent requesting a declaration that the proposal is a derived proposal?</p> <p>If so, provide the following information on the strategic assessment within which the referred proposal was identified -</p> <ul style="list-style-type: none"> • Title of the strategic assessment • Ministerial Statement number 	No
Indicate whether, and in what way, the proposal is related to other proposals in the region.	No related referrals.
Does the proponent own the land on which the proposal is to be established? If not, what other arrangements have been established to access the land?	<p>The Proponent owns part of the land.</p> <p>The proposed Survey Area is located within freehold and crown allocated land and includes a 2,288 ha section of the Boonanarring Nature Reserve. Bartletts Well Nature Reserve is also within the proposed Survey Area.</p> <p>Lands adjacent to the proposed Survey Area mostly consist of freehold private properties. Access to freehold land will be by negotiated agreement as per provisions of the Petroleum Act.</p> <p>See section 7.12 of the Attached EMP for further detail on land tenure.</p>
What is the current land use on the property, and the extent (area in hectares) of the property?	<p>The Total Survey Area is approximately 8,500 ha.</p> <p>Freehold Agricultural Land 6,200 ha Boonanarring Nature Reserve 2,200 ha Bartletts Well Nature Reserve 100 ha (Figure 1 of Attachment 1).</p>

1.3 LOCATION

Name of the Shire in which the proposal is located	Shire of Gingin
For urban areas – <ul style="list-style-type: none"> street address lot number suburb nearest road intersection 	
For remote localities – <ul style="list-style-type: none"> nearest town distance and direction from that town to the proposal site 	The center of the proposed Survey Area is 20 km north-north west of the town of Gingin.
Electronic spatial data - GIS or CAD on CD, geo-referenced and conforming to the following parameters: <ul style="list-style-type: none"> GIS: polygons representing all activities and named CAD: simple closed polygons representing all activities and named datum: GDA94 projection: Geographic (latitude/longitude) or Map Grid of Australia (MGA) format: Arcview shapefile, Arcinfo coverages, Microstation or AutoCAD 	Enclosed: Yes

1.4 CONFIDENTIAL INFORMATION

Does the proponent wish to request the EPA to allow any part of the referral information to be treated as confidential?	No
If yes, is confidential information attached as a separate document in hard copy.	

1.5 GOVERNMENT APPROVALS

Is rezoning of any land required before the proposal can be implemented? If Yes, provide details.	No		
Is approval required from any Commonwealth or State Government agency or Local Authority for any part of the proposal? If yes, complete the table below -	Yes		
Agency/Authority	Approval Required	Application lodged Yes / No	Agency/Local Authority contact/s for proposal
Department of Mines and Petroleum	EMP approval	No	
	Section 15A to enter Reserves	No	
Department of Environment and Conservation	EMP approval	Yes	Grant Lamb, Environmental Management Branch
	Permit to take Declared Rare Flora	No	

PART B - ENVIRONMENTAL IMPACTS AND PROPOSED MANAGEMENT

2. ENVIRONMENTAL IMPACTS

Describe the impacts of the proposal on the following elements of the environment, through the questions below:

- (i) flora and vegetation #;
- (ii) fauna #;
- (iii) rivers, creeks, wetlands and estuaries;
- (iv) significant areas and/ or land features;
- (v) coastal zone areas;
- (vi) marine areas and biota #;
- (vii) water supply and drainage catchments;
- (viii) pollution;
- (ix) greenhouse gas emissions;
- (x) contamination; and
- (xi) social surroundings.

These features should be shown on the site plan, where appropriate.

For all information, please indicate:

- (a) the source of the information; and
- (b) the currency of the information.

2.1 Flora and Vegetation

- * Do you propose to clear any native flora and vegetation as a part of this proposal?

(A proposal to clear native vegetation may require a clearing permit under Part V of the EP Act (*Environmental Protection (Clearing of Native Vegetation) Regulations 2004*). Please contact the Department of Environment and Conservation (DEC) for more information.

(please tick)

Yes

If yes, complete the rest of this section

No

If no, go to the next section

- How much vegetation are you proposing to clear (in hectares)?

No direct clearing will take place. However, it is expected that approximately 1.8 ha of native vegetation will be disturbed which may result in plant death.

- * Have you submitted an application to clear native vegetation to the DEC (unless you are exempt from such a requirement)?

Yes

No

If yes, on what date and to which office was the application submitted of the DEC?

Exempt from Native Vegetation Clearing Permit

- Are you aware of any recent flora surveys carried out over the area to be disturbed by this proposal?

- Yes No **If yes**, please attach a copy of any related survey reports and provide the date and name of persons / companies involved in the survey/s. (If no, please do not arrange to have any biological surveys conducted prior to consulting with the DEC.)

A Targeted Threatened and Priority Flora survey was undertaken in November 2011. Around each shot hole location within areas of remnant vegetation in the Survey Area. The survey was undertaken by Dr. Wendy Thompson, Peter Mioduszewski, Dion Nicol and Sacha Ruoss. Survey Areas are displayed within the Targeted Threatened and Priority Flora report, attached as Appendix C of EMP (Attachment 2). Any shot holes where Threatened flora were located were moved, and resurveyed, to confirm no Threatened flora are located at new sites.

A Level 2 Flora and Vegetation Assessment was conducted in 2007 by Woodman Environmental Consulting. This report also included a *Phytophthora cinnamomi* assessment (Simon Robson, Evan Brown and Liam Brown of Glevan Consulting).

A summary of results from both surveys is provided in the attached EMP, Section 6.5.1.

- * Has a search of DEC records for known occurrences of rare or priority flora or threatened ecological communities been conducted for the site? #

- Yes No If you are proposing to clear native vegetation for any part of your proposal, a search of DEC records of known occurrences of rare or priority flora and threatened ecological communities will be required. Please contact DEC for more information.

A summary of search results is provided in Section 6.6 of the attached EMP and search results are provided as Appendix B of the Attached EMP.

- * Are there any known occurrences of rare or priority flora or threatened ecological communities on the site? #

- Yes No **If yes**, please indicate which species or communities are involved and provide copies of any correspondence with DEC regarding these matters.

During the 2011 Targeted Threatened and Priority Flora survey, one Threatened (DRF) species (*Goodenia arthrotricha*) and 14 Priority listed species were recorded. This report is provided as Appendix C to the attached EMP.

A search of the DEC's Threatened Ecological Communities database indicated no records of TECs on the site however four occurrences of the 'Priority 3' Ecological Community 'Swan Coastal Plain *Banksia attenuata* - *Banksia menziesii* woodlands' exist within the proposed Survey Area in the Boonanarring Nature Reserve. (Figure 6 of the attached EMP).

- * If located within the Perth Metropolitan Region, is the proposed development within or adjacent to a listed Bush Forever Site? (You will need to contact the Bush Forever Office, at the Department for Planning and Infrastructure)

- Yes No **If yes**, please indicate which Bush Forever site is affected (site number and name of site where appropriate).

- What is the condition of the vegetation at the site?

In the northern part of the survey area, much of the remnant native vegetation on private property is fenced off and is in good condition, with some weed infestation. Other private property areas are unfenced and degraded by grazing.

The native vegetation within Boonanarring Nature Reserve is largely in very good to pristine condition.

2.2 Fauna

- * Do you expect that any fauna or fauna habitat will be impacted by the proposal?

(please tick)

Yes

If yes, complete the rest of this section

No

If no, go to the next section

- Describe the nature and extent of the expected impact.

No significant impact is expected. A 4x4 m disturbance area around each shot hole is required for placement of the small, heliportable drill rig equipment. Whilst vegetation within this area is not being directly cleared, there will be disturbance and possible damage or death of plants. A total of approximately 1.8 ha (16 m² x 1125 shot holes) of native vegetation will be disturbed as a result of these activities. Of this total area, 0.96 ha falls within the Boonanarring Nature Reserve. Each shot hole will be 80-100 mm in diameter and 15 m deep.

Birds may be temporarily affected by the noise from the helicopter operations.

- Are you aware of any recent fauna surveys carried out over the area to be disturbed by this proposal?

Yes

No

If yes, please attach a copy of any related survey reports and provide the date and name of persons / companies involved in the survey/s. (If no, please do not arrange to have any biological surveys conducted prior to consulting with the DEC.)

- * Has a search of DEC records for known occurrences of Specially Protected (Threatened) fauna been conducted for the site?

Yes

No

(please tick)

- * Are there any known occurrences of Specially Protected (Threatened) fauna on the site? #

Yes

No

If yes, please indicate which species or communities are involved and provide copies of any correspondence with DEC regarding these matters.

Refer to the attached EMP, section 6.7 for results of the fauna survey and section 5 for Stakeholder consultation.

2.3 Rivers, Creeks, Wetlands and Estuaries

- * Will the development occur within 200m of a river, creek, wetland or estuary?
 (please tick) Yes ***If yes, complete the rest of this section***
 No ***If no, go to the next section***

- * Will the development result in the clearing of vegetation within the 200 m zone?
 Yes No **If yes**, please describe the extent of the expected impact.

There are a number of shot holes that will require a footprint of 4x4 m within 200 m of a wetland. Receiver lines will be deployed within 200 m of wetlands in several areas. Section 4, Project Description and Section 6.3, Hydrology and Hydrogeology of the attached EMP provides further details.

- * Will the development result in the filling or excavation of a river, creek, wetland or estuary?
 Yes No **If yes**, please describe the extent of the expected impact.

- * Will the development result in the impoundment of a river, creek, wetland or estuary?
 Yes No **If yes**, please describe the extent of the expected impact.

- * Will the development result in draining to a river, creek, wetland or estuary?
 Yes No **If yes**, please describe the extent of the expected impact.

- * Are you aware if the proposal will impact on a river, creek, wetland or estuary (or its buffer) within one of the following categories? (please tick)

Conservation Category Wetland	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure
Environmental Protection (South West Agricultural Zone Wetlands) Policy 1998	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure
Perth's Bush Forever site	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure
Environmental Protection (Swan & Canning Rivers) Policy 1998	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure
The management area as defined in s4(1) of the Swan River Trust Act 1988/	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure
Which is subject to an international agreement, because of the importance of the wetland for waterbirds and waterbird habitats (e.g. Ramsar,	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure

There are four Conservation Category wetlands within the Survey Area. However, no shot holes will be located within these areas or within a 50 m buffer surrounding each wetland. Only seismic receiver equipment will be placed near these areas and these will be carried into place by field personnel, on foot. No drilling is required in these areas. Section 6.3 of the attached EMP (Attachment 2) displays the location of the Conservation Category wetlands in relation to the Survey Area.

2.4 Significant Areas and/ or Land Features

- * Is the proposed development located within or adjacent to an existing or proposed National Park or Nature Reserve?

Yes No **If yes**, please provide details.

Part of the Survey Area covers the north western portion of Boonanarring Nature Reserve (approximately 2,200 ha). Bartletts Well Nature Reserve is also located within the Survey Area, however, no shot holes will be located within this Reserve. Seismic receiver equipment will be lifted in by helicopter and deployed by personnel on foot.

- * Are you aware of any Environmentally Sensitive Areas (as declared by the Minister under section 51B of the EP Act) that will be impacted by the proposed development?

Yes No **If yes**, please provide details.

Three wetlands in the eastern portion of the proposed Survey Area are classified as Environmentally Sensitive Areas (ESA) (DEC, 2012). The wetland within Bartletts Well Nature Reserve is also an ESA, however, no shot holes will be located within Bartletts Well Nature Reserve, only hand deployed seismic receiver equipment. The location of the ESAs in relation to the Survey Area are shown in Figure 4 of the attached EMP (Attachment 2).

- * Are you aware of any significant natural land features (e.g. caves, ranges etc) that will be impacted by the proposed development?

Yes No **If yes**, please provide details.

2.5 Coastal Zone Areas (Coastal Dunes and Beaches)

- * Will the development occur within 300m of a coastal area?

(please tick) Yes ***If yes, complete the rest of this section***
 No ***If no, go to the next section***

- * What is the expected setback of the development from the high tide level and from the primary dune?

- * Will the development impact on coastal areas with significant landforms including beach ridge plain, cusped headland, coastal dunes or karst?
 Yes No **If yes**, please describe the extent of the expected impact.

- * Is the development likely to impact on mangroves?
 Yes No **If yes**, please describe the extent of the expected impact.

2.6 Marine Areas and Biota

- * Is the development likely to impact on an area of sensitive benthic communities, such as seagrasses, coral reefs or mangroves?
 Yes No **If yes**, please describe the extent of the expected impact.

- * Is the development likely to impact on marine conservation reserves or areas recommended for reservation (as described in *A Representative Marine Reserve System for Western Australia*, CALM, 1994)?
 Yes No **If yes**, please describe the extent of the expected impact.

- * Is the development likely to impact on marine areas used extensively for recreation or for commercial fishing activities?
 Yes No **If yes**, please describe the extent of the expected impact, and provide any written advice from relevant agencies (e.g. Fisheries WA).

2.7 Water Supply and Drainage Catchments

- * Are you in a proclaimed or proposed groundwater or surface water protection area?
 (You may need to contact the Department of Water (DoW) for more information on the requirements for your location, including the requirement for licences for water abstraction. Also, refer to the DoW website)
 Yes No **If yes**, please describe what category of area.

The survey area is located within a RIWI Groundwater Proclamation Area (DoW, 2012). A current groundwater abstraction licence is held for the Gingin #1 and Red Gully #1 drilling site. The water well at this location will be used for this proposed survey.

- * Are you in an existing or proposed Underground Water Supply and Pollution Control area?
 (You may need to contact the DoW for more information on the requirements for your location, including the requirement for licences for water abstraction. Also, refer to the DoW website)

Yes ✓ No **If yes**, please describe what category of area.

* Are you in a Public Drinking Water Supply Area (PDWSA)?

(You may need to contact the DoW for more information or refer to the DoW website. A proposal to clear vegetation within a PDWSA requires approval from DoW.)

Yes ✓ No **If yes**, please describe what category of area.

* Is there sufficient water available for the proposal?

(Please consult with the DoW as to whether approvals are required to source water as you propose. Where necessary, please provide a letter of intent from the DoW)

✓ Yes No (please tick)

* Will the proposal require drainage of the land?

Yes ✓ No **If yes**, how is the site to be drained and will the drainage be connected to an existing Local Authority or Water Corporation drainage system? Please provide details.

* Is there a water requirement for the construction and/ or operation of this proposal?

(please tick) ✓ Yes **If yes, complete the rest of this section**

No **If no, go to the next section**

□ What is the water requirement for the construction and operation of this proposal, in kl/year?

500KL of water are required in total for this proposed survey.

* What is the proposed source of water for the proposal? (eg dam, bore, surface water etc.)

Water will be sourced from the licenced bore located within Empire Oil's current drilling lease area (Gingin West #1 & Red Gully #1).

2.8 **Pollution**

* Is there likely to be any discharge of pollutants from this development, such as noise, vibration, gaseous emissions, dust, liquid effluent, solid waste or other pollutants?

(please tick) ✓ Yes **If yes, complete the rest of this section**

No **If no, go to the next section**

* Is the proposal a prescribed premise, under the Environmental Protection Regulations? (Refer to the EPA *General Guide for Referral of Proposals to the EPA under section 38(1) of the EP Act 1986* for more information)

Yes ✓ No **If yes**, please describe what category of prescribed premise.

* Will the proposal result in gaseous emissions to air?

Yes No **If yes**, please briefly describe.

Minimal emissions from engines driven water pumps and hydraulic pumps and emissions from helicopter and terrestrial vehicles.

* Have you done any modelling or analysis to demonstrate that air quality standards will be met, including consideration of cumulative impacts from other emission sources?

Yes No **If yes**, please briefly describe.

* Will the proposal result in liquid effluent discharge?

Yes No **If yes**, please briefly describe the nature, concentrations and receiving environment.

Water from the drilling process.

* If there is likely to be discharges to a watercourse or marine environment, has any analysis been done to demonstrate that the State Water Quality Management Strategy or other appropriate standards will be able to be met?

Yes No **If yes**, please describe.

* Will the proposal produce or result in solid wastes?

Yes No **If yes**, please briefly describe the nature, concentrations and disposal location/ method.

Water based drilling muds shall be utilised and the resulting waste drill muds and cuttings shall be captured and used to backfill the hole once the explosive is set. See attached EMP, section 5 for further details.

* Will the proposal result in significant off-site noise emissions?

Yes No **If yes**, please briefly describe.

Noise will be generated by helicopters and, to a lesser extent, explosives.

Noise from explosive charges will be minimal

Refer to section 7.4 of the Attached EMP

* Will the development be subject to the Environmental Protection (Noise) Regulations?

Yes No **If yes**, has any analysis been carried out to demonstrate that the proposal will comply with the Regulations? See Section 8.4 of the Attached EMP (Attachment 2).

Please attach the analysis.

- * Does the proposal have the potential to generate off-site, air quality impacts, dust, odour or another pollutant that may affect the amenity of residents and other “sensitive premises” such as schools and hospitals (proposals in this category may include intensive agriculture, aquaculture, marinas, mines and quarries etc.)?

Yes No **If yes**, please describe and provide the distance to residences and other “sensitive premises”.

Helicopter usage will generate localised, temporary dust. There are several rural properties within the Survey Area.

- * If the proposal has a residential component or involves “sensitive premises”, is it located near a land use that may discharge a pollutant?

Yes No Not Applicable **If yes**, please describe and provide the distance to the potential pollution source

2.9 Greenhouse Gas Emissions

- * Is this proposal likely to result in substantial greenhouse gas emissions (greater than 100 000 tonnes per annum of carbon dioxide equivalent emissions)?

Yes No **If yes**, please provide an estimate of the annual gross emissions in absolute and in carbon dioxide equivalent figures.

- * Further, if yes, please describe proposed measures to minimise emissions, and any sink enhancement actions proposed to offset emissions.

2.10 Contamination

- * Has the property on which the proposal is to be located been used in the past for activities which may have caused soil or groundwater contamination?

Yes No Unsure **If yes**, please describe.

- * Has any assessment been done for soil or groundwater contamination on the site?

Yes No **If yes**, please describe.

- * Has the site been registered as a contaminated site under the Contaminated Sites Act 2003? (on finalisation of the CS Regulations and proclamation of the CS Act)

Yes No **If yes**, please describe.

2.11 Social Surroundings

- * Is the proposal on a property which contains or is near a site of Aboriginal ethnographic or archaeological significance that may be disturbed?

Yes No Unsure **If yes**, please describe.

Red Gully Creek is listed as an Aboriginal Heritage site of significance (mythological, plant resource). However, the creek will not be disturbed. Hand deployed seismic receiver equipment will be deployed within this area. Refer to section 6.10 and Figure 7 of the attached EMP.

- * Is the proposal on a property which contains or is near a site of high public interest (for example, a major recreation area or natural scenic feature)?

Yes No **If yes**, please describe.

Boonanarring Nature Reserve

- * Will the proposal result in or require substantial transport of goods, which may affect the amenity of the local area?

Yes No **If yes**, please describe.

3. PROPOSED MANAGEMENT

3.1 Principles of Environmental Protection

- Have you considered how your project gives attention to the following Principles, as set out in section 4A of the EP Act? (For information on the Principles of Environmental Protection, please see EPA Position Statement No. 7, available on the EPA web.)

- | | | |
|--|---|-----------------------------|
| 1. The precautionary principle. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2. The principle of intergenerational equity. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 3. The principle of the conservation of biological diversity and ecological integrity. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4. Principles relating to improved valuation, pricing and incentive mechanisms. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 5. The principle of waste minimisation. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

- Is the proposal consistent with the EPA's Environmental Protection Bulletins/Position Statements and Environmental Assessment Guidelines/Guidance Statements (available on the EPA web)?

Yes No

3.2 Consultation

- Has public consultation taken place (such as with other government agencies, community groups or neighbours), or is it intended that consultation shall take place?
 - ✓ Yes
 - No**If yes**, please list those consulted and attach comments or summarise response on a separate sheet.

Details of Community Consultation are provided in section 5 of the attached EMP.