



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATIONS IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 AND THE NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT, 2008 IN RESPECT OF LISTED ACTIVITIES THAT HAVE BEEN TRIGGERED BY APPLICATIONS IN TERMS OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (MPRDA) (AS AMENDED).

IMPORTANT NOTICE

Kindly note that:

1. As from 8 December 2014, this document serves as the application form, and incorporates the requisite documents that are to be submitted together with the application for the necessary environmental authorisations in terms of the said Acts.
2. This application form is applicable while the Mineral and Petroleum Resources Development Amendment Act of 2008 is in effect, as the form may require amendment should the Act be further amended.
3. Applicants are required to apply for the necessary water use licence and any other authorisations nor licences to the relevant competent authorities as required by the relevant legislation. Upon acceptance of an application for a right or permit in terms of the MPRDA, applicants will be required to provide evidence to the Regional Manager that a water use licence has been applied for.
4. The Regional Manager will respond to the application and provide the reference and correspondence details of the Competent Authority, and in the event that the application for a right or permit is accepted, together with the date by which the relevant environmental reports must be submitted. Notwithstanding anything that may appear to be stated to the contrary in the acceptance letter, the timeframes are in fact aligned and the prescribed timeframes for the submission of documents as regulated by the NEMA regulations must be strictly adhered to.
5. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
6. The failure to submit complete information as required in this application form may result in the refusal of the application for an environmental authorisation and consequently of the right or permit applied for.
7. This application must be submitted through the SAMRAD online application system of the Department of Mineral Resources under "Other documents to upload".
8. Unless protected by law, all information filled in on this application form will become public information on receipt by the competent authority. Any interested and affected party should and shall be provided with the information contained in this application on request, during any stage of the application process.
9. Please note that an application fee is payable in terms of the National Environmental Management Act and the National Waste Management Act, which fees must be paid upon lodgement of the application. Should the said application fees not be paid as prescribed the application for a right or permit in terms of the Mineral and Petroleum Resources Development Act cannot be considered to have been made in the prescribed manner and the said application for a right or permit will have to be rejected. In this regard the type of applications must be identified in the table below.

PLEASE STATE TYPE OF AUTHORISATIONS BEING APPLIED FOR.

APPLICATION TYPE	APPLICABLE FEE	Mark with an X where applicable
NEMA S&EIR application on its own	R10 000.00	<input checked="" type="checkbox"/>
NEMA BAR application on its own	R 2 000.00	<input type="checkbox"/>
NEMWA S&EIR application on its own	R10 000.00	<input type="checkbox"/>
NEMWA BAR application on its own	R 2 000.00	<input type="checkbox"/>
NEMA S&EIR application combined with NEMWA S&EIR application	R 15 000.00	<input type="checkbox"/>
NEMA BAR application combined with NEMWA BAR application	R 3 000.00	<input type="checkbox"/>
NEMA S&EIR application combined with NEMWA BAR application	R 11 000.00	<input type="checkbox"/>

1. CONSULTATION BASIC ASSESSMENT AND/ OR SCOPING REPORT

2. DETAILS OF THE APPLICANT

Project applicant:	Africa Oil SA Corp, Ricocure (Pty) Ltd and Azinam Limited (a wholly owned subsidiary of Eco Atlantic) (the Joint Venture Partners of the Block 3B/4B Exploration Right hereafter referred to as the Applicants)		
Registration no (if any):	Africa Oil SA Corp: BC1213208 Ricocure: 2012/072770/07 Azinam: 46312		
Trading name (if any):	Not Applicable		
Responsible Person, (e.g. Director, CEO, etc.):	Vice President, Exploration		
Contact person:	Jan Maier		
Physical address:	Unit 7, The Pavilion, Central Park, Esplanade Road, Century City, Cape Town, Western Cape, 7441		
Postal address:	PO Box 2468, Cape Town		
Postal code:	8000	Cell:	+27 82 806 8116
Telephone:	+27 21 003 5505	Fax:	-
E-mail:	jan.maier@africaenergycorp.com		

3. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	Gideon Kriel		
Professional affiliation/registration:	South African Council Natural and Scientific Professions (SACNASP) (400202/09) Registered EAPASA Environmental Practitioner (2019/1451)		
Contact person (if different from EAP):	Same as above		
Company:	Environmental Impact Management Services (Pty) Ltd		
Physical address:	8 Dalmeny Road, Pine Park, Randburg, 2194		
Postal address:	PO Box 2083, Pinetown		
Postal code:	2123	Cell:	+27 82 323 3499
Telephone:	+27 11 789 7170	Fax:	+27 86 571 9047
E-mail:	gp@eims.co.za		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by the NEMA Regulations, prior to the commencement of the process.

The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and relevant application processes) of the EAP must also be attached as **Appendix 1**.

4. PROJECT DESCRIPTION

Farm Name:	Offshore Exploration
Application area (Ha)	Approximately 1 758 100 ha
Magisterial district:	Adjacent to the Namaqualand and West Coast District Municipalities
Distance and direction from nearest town	Block 3B/4B is located approximately 120 km west of St Helena Bay and approximately 145 km south-west of Hondeklip Bay off the West Coast of South Africa.
21 digit Surveyor General Code for each farm portion	Not applicable – offshore
Locality map	Attach a locality map at a scale not smaller than 1:250000 and attach as Appendix 2
Description of the overall activity. (Indicate Mining Right, Mining Permit, Prospecting right, Bulk Sampling, Production Right, Exploration Right, Reconnaissance permit, Technical co-operation permit, Additional listed activity)	<p>AOSAC is the operator and holder of an existing Exploration Right for Block 3B/4B in terms of the Mineral and Petroleum Resources Development Act (No. 28 of 2002 – MPRDA), as amended. The licence block covers an area of approximately 17 581 km², and is situated between latitudes 31°S and 33°S on the continental shelf in water depths ranging from 200 m to 2 000 m.</p> <p>The area of primary interest in the north of this block, but this could also cover other areas in future. As part of the process of applying for the Exploration Right, AOSAC undertook and completed the reprocessing project covering 2 000 km², which is a subset of the 10 000 km² BHP/Shell 3D seismic datasets, focussed primarily on the most northern portion of Block 3B/4B.</p> <p>Based on analysis of the reprocessed 3D dataset, AOSAC is now proposing to drill an exploration well in the area of primary interest in order to fully appraise the hydrocarbon potential of the geological structure or “prospect”, with the option to drill up to four additional wells.</p>

5. ACTIVITIES TO BE AUTHORISED

(Please provide copies of Environmental Authorisations obtained for the same property as **Appendix 3**).

(For an application for authorisation indicated. Please note that for a project that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be included. Please note that any authorisation that may result from this application will only cover activities specifically applied for).(Attach a proposed site plan, drawn to a scale acceptable to the competent Authority, showing the location of all the activities to be applied for, as **Appendix 4**)

NAME OF ACTIVITY	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY	APPLICABLE LISTING NOTICE	WASTE MANAGEMENT AUTHORISATION
(E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc E.g. for mining,- excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)		(Mark with an X where applicable or affected).	(GNR 544, GNR 545 or GNR 546)	(Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)
Exploration Drilling	Approximately 1 758 100 ha	X	Listed Activity 18 (GNR 984)	N/A

6. PUBLIC PARTICIPATION

(Provide details of the public participation process proposed for the application as required by Regulation.)

Details of the Public Participation process to be followed.

6.1.1. IDENTIFICATION OF INTERESTED AND AFFECTED PARTIES TO BE CONSULTED

IDENTIFICATION CRITERIA	Mark with an X where applicable	
	YES	NO
Will the landowner be specifically consulted?		X – offshore (no landowner)
Will the lawful occupier on the property other than the Landowner be consulted?	X	
Will a tribal authority or host community that may be affected be consulted?	X	
Will recipients of land claims in respect of the area be consulted?		X - offshore
Will the landowners or lawful occupiers of neighbouring properties be identified?	X	
Will the local municipality be consulted?	X	
Will the Authority responsible for power lines within 100 metres of the area be consulted?	X	
Will Authorities responsible for public roads or railway lines within 100 metres of the area applied for be consulted?	X	
Will authorities responsible for any other infrastructure within 100 metres of the area applied for be consulted? (Specify)	X	
Will the Provincial Department responsible for the environment be consulted?	X	
Will all of the parties identified above be provided with a description of the proposed mining /prospecting operation as referred above?	X	
Will all the parties identified above be requested in writing to provide information as to how their interests (whether it be socio-economic, cultural, heritage or environmental) will be affected by the proposed mining project?	X	
Other, Specify		

6.1.2. DETAILS OF THE ENGAGEMENT PROCESS TO BE FOLLOWED

Steps to be taken to notify interested and affected parties	PROVIDE DESCRIPTION HERE
<p>(Describe the process to be undertaken to consult interested and affected parties including public meetings and one on one consultations. NB the affected parties must be specifically consulted regardless of whether or not they attended public meetings. Photographs of notice boards, and copies of advertisements and notices notifying potentially interested and affected parties of the proposed application must be attached as Appendix)</p>	<p>Interested and Affected Parties (I&AP's) have been notified of the proposed environmental authorisation application for exploration drilling via registered letters, emails and facsimiles. Site notices were placed on shore adjacent to the proposed Area of Interest (AOI) and other key towns, with a key focus on targeting areas where fisheries may be affected by the project. In addition, separate newspaper advertisements were placed in four local newspapers widely distributed in the area as well as a provincial newspaper which covers both affected provinces. Adverts were placed in English, Afrikaans and isiXhosa. A notice was also placed in the National Gazette. Radio adverts were also placed at several radio stations in the area. The Public Participation Process is being undertaken in accordance with the National Environmental Management Act (Act No. 107 of 1998 - NEMA) process and the Environmental Impact Assessment (EIA) Regulations, 2014. A minimum of 30 days was provided to the public to register as I&AP's. A further 30 days will be provided to review and comment on the Scoping and EIA Reports respectively.</p>

<p>Information to be provided to Interested and Affected Parties.</p>	<p>Compulsory:</p> <ul style="list-style-type: none"> • The site plan. • List of activities to be authorised • Scale and extent of activities to be authorised • Typical impacts of activities to be authorised • The duration of the activity. • Sufficient detail of the intended operation to enable them to assess what impact the activities will have on them) <p>Other, specify</p> <ul style="list-style-type: none"> • The purpose of the proposed project; • The methods to be used; • Details of the NEMA Regulations that must be adhered to; • Date by which comment, concerns and objections must be forwarded through to EIMS; • Contact details of the Environmental Assessment Practitioner (EAP).
<p>Information to be required from Interested and Affected Parties.</p>	<p>Compulsory</p> <ul style="list-style-type: none"> • To provide information on how they consider that the proposed activities will impact on them or their socio-economic conditions • To provide written responses stating their suggestions to mitigate the anticipated impacts of each activity • To provide information on current land uses and their location within the area under consideration • To provide information on the location of environmental features on site to make proposals as to how and to what standard the impacts can be remedied. • To mitigate the potential impacts on their socio economic conditions to make proposals as to how the potential impacts can be managed, avoided or remedied). <p>Other, Specify</p> <ul style="list-style-type: none"> • Details of the landowner and information on lawful occupiers; • Details of any communities existing within the area; • Details of any Tribal Authorities within the area; • Details of any other I&AP's that need to be notified; • Details on any land developments proposed; • Details of any perceived impacts to the environment that should be considered in the EIA; and • Any specific comments, concerns or objections to the proposed prospecting operation.

7. DESCRIPTION OF THE ASSESSMENT PROCESS TO BE UNDERTAKEN

ITEM	DESCRIPTION
<p>Environmental attributes. Describe how the Environmental attributes associated with the development footprint will be determined.</p>	<p>The description of the existing status of the current receiving environment will be compiled through the undertaking of a broad range of specialist studies. In addition, all I&AP's both adjacent landowners and Key Stakeholders will be provided with a questionnaire to complete as part of the consultation process in which they are asked to describe the receiving environment in terms of current land uses, vegetation, sensitive features, fauna, flora, infrastructure and features of cultural or heritage significance. As such, the description of the existing status of environment that will be provided in the Scoping and EIA Reports will be compiled in consultation with I&AP's. During the Scoping and EIA process the proposed project activities will be described and the environmental attributes which are likely to be affected by these activities identified.</p>
<p>Identification of impacts and risks. (Describe the process that will be used to identify impacts and risks.</p>	<p>The identification of potential impacts and risks for assessment will be undertaken through I&AP consultation and the development of an in depth understanding of the activities, actions and processes to be undertaken on site based on the EAP's experience with similar projects. As such, the potential impacts and risks on broad environmental aspects, in respect of each of the main project actions, activities and processes will be assessed during the Scoping and EIA Process.</p> <p>It should be noted that the identification and assessment of impacts will be restricted to the planned activity and that the impacts associated with any future exploration activities and/or production are excluded.</p>
<p>Consideration of alternatives. Describe how alternatives, and in particular the alternatives to the proposed site layout and possible alternative methods or technology to be applied will be determined.</p>	<p>The identification and assessment of alternatives is a key component to the success of any Scoping and EIA Process. Essentially, alternatives represent different means of meeting the general purpose and need of the proposed project through the identification of the most appropriate method of development. Two levels of alternative screening will be investigated and considered which culminates into the identification of the feasible development alternative. The first level alternatives include land use, location, survey method, and site access alternatives. These alternatives will determine the optimal process for the proposed activities. After these viable alternatives have been assessed (if any), the level two alternatives including technology and phasing alternatives will be considered in order to ensure the best practicable option is proposed for the activity.</p>
<p>Process to assess and rank impacts. Describe the process to be undertaken to identify, assess and rank the impacts and risks each individual activity.</p>	<p>Please refer to Appendix 6 for a detailed description of the EIMS Impact Assessment Methodology.</p>
<p>Contribution of specialist reports Describe how specialist reports, if required, will be taken into consideration and inform the impact identification, assessment and remediation process.</p>	<p>In addition to the desktop assessments that will be undertaken by the EAP, an Acoustic Specialist, Heritage Specialist, Marine Ecologist, Social Specialist, Fisheries Specialist, Oil and Drill Cutting Modelling Specialist and Economist will undertake specialist studies that will comply with the requirements of the EIA Regulations, 2014. These specialists will conduct assessments for sensitive features within and adjacent to the application area. The specialist reports will be incorporated into the EIA Report.</p>
<p>Determination of impact management objectives and outcomes. Describe how impact management objectives will be determined for each activity to address the potential impact at source, and how the impact management outcomes will be aligned with standards.</p>	<p>The objectives of the impact management measures shall be to firstly anticipate and avoid risks and impacts where practically possible. This shall be accomplished through the adoption of a risk and impact assessment process which aims to identify all relevant environmental and social risks and impacts of the project and those who are likely to be affected by such risks and impacts, including the issues identified by I&APs during the consultation process and any sensitive features identified by the specialist team. The impact and risk identification process shall take into consideration each activity its associated potential impacts. The EMPr developed for the project shall include mechanisms whereby social and environmental risk and impacts shall be avoided and mitigated.</p> <p>The objectives of this environmental management framework shall be:</p> <ul style="list-style-type: none"> To anticipate potential risks and impacts associated with each activity pre-emptively through the implementation of risk assessment techniques and early warning systems such as environmental monitoring and inspections;

	<ul style="list-style-type: none"> • To develop and implement preventative measures to ensure known risks and impacts are addressed at source wherever possible (e.g. spill prevention procedures); • To implement detailed management measures to ensure that where avoidance of impacts is not possible, mitigation measures are in place to minimize impacts to workers, affected communities, and the environment; • To provide a framework for adaptive environmental management within the EMPr whereby impacts from unplanned events or incidents caused by the project may be effectively controlled to minimise impacts to workers, affected communities, and the environment. <p>The management and mitigation measures shall be developed in accordance with applicable standards and guidelines, which shall include, but is not limited to:</p> <ul style="list-style-type: none"> • Legislated Standards (e.g. air quality guidelines and standards); • South African National Standards (SANS)(e.g. SANS water quality standards); • Where Applicable, International Standards and Guidelines; • Applicable National and Regional Frameworks (e.g. Bioregional Plans; Spatial Development Frameworks, National Protected Area Expansion Strategy Focus Areas, Environmental Management Frameworks etc); • Applicable Guidelines developed by authorities (e.g. DMRE guidelines, NEMA EIA guidelines); • Other Applicable guidelines.
--	--

8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	Mark with an X where applicable			
	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
SEMA's				
National Environmental Management: Air Quality Act		X		X
National Environmental Management: Biodiversity Act		X		X
National Environmental Management: Integrated Coastal Management Act		X		X
National Environmental Management: Protected Areas Act		X		X
National Environmental Management: Waste Act		X		X
National legislation				
Mineral Petroleum Development Resources Act	X		X	
National Water Act		X		X
National Heritage Resources Act		X		X
Others: Please specify		X		X

Please provide proof of submission of applications in **Appendix 5**.

In the event that an authorization in terms of the National Environmental Waste Management Act is required for any of the activities applied for please state so clearly in order for such an authorisation to be considered as part of this application.

9. DRAFT EMPR

For consultation purposes, provide a high level approach to the management of the potential environmental impacts of each of the activities applied for.

ACTIVITIES (E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc E.g. for mining - excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)	PHASE (of operation in which activity will take place). State; Planning and design, Pre-Construction Construction, Operational, Rehabilitation, Closure, Post closure.	SIZE AND SCALE (of Disturbance) (volumes, tonnages and hectares or m ²)	TYPICAL MITIGATION MEASURES (Eg, storm water control, dust control, noise control, access control, rehabilitation etc..., etc....)	COMPLIANCE WITH STANDARDS (A description of how each of the recommendations herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities)
Interference with existing uses	Operational	Approximately 1 758 100 ha	<ul style="list-style-type: none"> Inform other users in writing of intent and comply with reasonable request to reduce the impact. 	EMPr
Displacement, injury and death of marine fauna	Operational	Approximately 1 758 100 ha	<ul style="list-style-type: none"> Ensure exploration activities are scheduled during appropriate times Visual inspection by marine mammal observer (MMO) of marine mammal presence Passive Acoustic Monitoring (PAM) inspection On board log to be kept 	EMPr

ACTIVITIES (E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc E.g. for mining,- excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)	PHASE (of operation in which activity will take place). State; Planning and design, Pre-Construction Construction, Operational, Rehabilitation, Closure, Post closure.	SIZE AND SCALE (of Disturbance) (volumes, tonnages and hectares or m ²)	TYPICAL MITIGATION MEASURES (Eg, storm water control, dust control, noise control, access control, rehabilitation etc....., etc.....)	COMPLIANCE WITH STANDARDS (A description of how each of the recommendations herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities)
Disturbance, of potential heritage features	Operational	Approximately 1 758 100 ha	<ul style="list-style-type: none"> • Visual inspection of exploration results • Specialist consultant required if any heritage features are discovered during exploration operations 	EMPr
Water contamination and pollution	Operational	Approximately 1 758 100 ha	<ul style="list-style-type: none"> • All generators, engines, and equipment to be maintained in peak condition. 	EMPr
Interference with Fisheries	Operational	Approximately 1 758 100 ha	<ul style="list-style-type: none"> • Inform fisheries and other users in writing of intent and comply with reasonable request to reduce the impact. • Liaise with other users regularly throughout the exploration activities 	EMPr
Waste generation and disposal	Operational	Approximately 1 758 100 ha	<ul style="list-style-type: none"> • Visual inspection that waste does not leave the vessel. • Waste must be securely stored. • All hazardous waste such as oil must be stored separately and disposed of at a registered facility • Proof of disposal must be kept by the Applicant. 	EMPr

10. CLOSURE PLAN

<p>In the space provided under each heading below, please provide a high level description of the plan for closure and the information that will be provided in the draft EMPr accompanying draft basic assessment report or environmental impact reports going forward.</p>	
<p>Baseline environment Describe how the baseline environment will be determined with the input of interested and affected parties and due cognizance of the current land uses and or existing biophysical environment</p>	<p>The baseline environment will be determined through the desktop assessments undertaken, utilising GIS data and available datasets such as CBA, and BGIS and in consultation with all I&AP's including landowners and Key I&AP's such as Government Departments, Agencies and Institutions. Potential site sensitivities will be investigated.</p> <p>Registered I&AP's will be provided with a questionnaire to complete in which they are asked to provide information about the existing land uses and the social and biophysical environment as well as describe how these may be affected by the proposed activity.</p>
<p>Closure objectives Describe the closure objectives and the extent to which they will be aligned to the baseline environment</p>	<p>The overall closure objective will be to ensure that the post closure environment aligns with the pre-development as far as reasonably possible.</p> <p>Closure of the project on completion of exploration drilling activities will require the removal and safe transportation of drilling infrastructure and the safe disposal of waste produced. Once exploration drilling activities have been completed, the exploration wells will be sealed with cement plugs, tested for integrity and abandoned according to international best practices. Cement plugs will be set to isolate hydrocarbon bearing and / or permeable zones and cementing of perforated intervals (e.g. from well logging activities) will be evaluated where there is the possibility of undesirable cross flow. These cement plugs are set in stages from the bottom up. Three cement plugs would be installed: i.e. one each for isolation of the deep reservoir and the main reservoir; and a third as a second barrier for the main reservoir.</p> <p>The integrity of cement plugs can be tested by a number of methods. The cement plugs will be tag tested (to validate plug position) and weight tested, and if achievable then a positive pressure test (to validate seal) and/or a negative pressure test will be performed. Additionally, a flow check may be performed to ensure sealing by the plug. Once the well is plugged, seawater will be displaced before disconnecting the riser and the Blow-out Preventor (BOP).</p>
<p>Rehabilitation Plan Describe the scale and aerial extent of the prospecting or mining listed activities to be authorised, including the anticipated prospecting or mining area at the time of closure, and confirm that a site rehabilitation plan drawn to a suitable scale will be provided in the draft EMPr to be submitted together with the draft EIR or Basic Assessment Report as the case may be.</p>	<p>It is anticipated that the exploration drilling activities will have a low impact on the receiving environment with the exception of the unlikely event such as well blowout. The impacts will be further assessed and detailed in the EIA Report.</p> <p>The impacts will be limited to the planning and operational phases. The site rehabilitation plan will be investigated and presented in the EMPr during the EIA Phase.</p>
<p>Rehabilitation Cost Describe how the rehabilitation cost will be determined and provide a preliminary estimate thereof</p>	<p>It is anticipated that the activities will have a low impact on the receiving environment. The impacts will be further assessed and detailed in the final EIA Report to be completed during the EIA Phase of the Scoping and EIA Process.</p> <p>The impacts will be limited to the planning and operational phases. The Regulations Pertaining to the Financial Provision for Prospecting, Exploration, Mining or Production Operations promulgated under section 44(aE), (aF), (aG), (aH) read with sections 24(5)(b)(ix), 24(5)(d), 24N, 24P and 24R of the National Environmental Management Act, 1998 (Act No.107 of 1998) (20 November 2015) will be considered and this will be included in the EIA Report to be compiled during the EIA Phase. The rehabilitation cost is yet to be determined.</p>
<p>Decommissioning Considering that rehabilitation must take place upon cessation of an activity, describe when each of activities applied for will be rehabilitated in terms of either the cessation of the individual activity or</p>	<p>After the exploration wells have been sealed, tested for integrity and abandoned, the intention is to abandon the wellheads on the seafloor if deemed safe to do so based on a risk assessment. The risk assessment criteria will consider factors such as the water depth and use of the area by other sectors (e.g., fishing).</p>

<p>the cessation of the overall prospecting or mining activity.</p>	<p>Monitoring gauges to monitor pressure and temperature through wireless communication with frequencies between the transmitter and the receiver in the 12.75 to 21.25 kHz range may be installed on wells where the Applicants may return in the future for appraisal / production purposes. The gauges will be placed and remain on the wellhead. Monitoring gauges will not be installed on exploration wells which are earmarked for abandonment.</p> <p>With the exception of the abandoned wellheads and drilling discharges deposited on the seabed, no further physical remnants of the drilling operation will be left on the seafloor. A final clearance survey check will be undertaken using a Remote Operating Vehicle (ROV). The drilling unit and supply vessels will demobilise from the offshore licence area and either mobilise to the following drilling location or relocate into port or a regional base for maintenance, repair or resupply.</p>
---	--

Signature of the applicant / Signature on behalf of the applicant:

Africa Oil SA Corp, Ricocure (Pty) Ltd and Azinam Limited (a wholly owned subsidiary of Eco Atlantic) (the Joint Venture Partners of the Block 3B/4B Exploration Right)

Name of company (if applicable):

Date: