

Site-specific application for a new environmental authority for a resource activity

This is the approved form to make a site-specific application for an environmental authority under sections 124, 125, 126 and 126A of the Environmental Protection Act 1994 (EP Act) for an environmentally relevant activity (ERA) which is a resource activity.

It is recommended that you read the information on what to provide with an application, prior to making an application. This information is located on the Business Queensland website at www.business.qld.gov.au (use the search term “environmental licence”). This website also has a diagnostic tool called a “Forms and fees finder” which will take you through a series of questions and provide a customised result which will identify any forms, fees and supporting information you need to make an application.

Only use this application form if you are applying for a new environmental authority (EA) where:

- The ERA/s being applied for is/are a resource activity/activities, which involves: (a) a geothermal activity, (b) a greenhouse gas (GHG) storage activity, (c) a mining activity or (d) a petroleum activity. Note a resource activity is taken to include ancillary activities (prescribed ERAs) and other activities carried out under the authority as a resource activity.
- An application for a relevant resource tenure has been made or will be made at the same time as this application.
- The applicant/s for the resource tenure are exactly the same as the applicant/s for this EA application.
- The ERA/s being applied for will not form part of an ERA project under an existing EA.
- If more than one ERA is being applied for:
 - the ERAs being applied for will be carried out under the day to day management of a single responsible person (e.g. a site manager or operations manager); and
 - all of the ERAs are operationally interrelated, that is, the operation cannot function without all of the ERAs. Separate applications will need to be made for the ERAs that cannot be carried out as a single integrated operation; and
 - the ERA/s are, or will be, carried out at one or more places; and
 - the places where the ERAs will be carried out are close enough to make the integrated day to day management of the activities feasible.

OR

- The administering authority has refused your amendment application and requires you to make a site-specific application for a new EA to replace your existing EA.

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It is recommended that you have a pre-lodgement meeting about this application:

- Please fill out and lodge the form Application for pre-lodgement services (ESR/2015/1664¹), prior to lodging this application for an EA.

The fields marked with an asterisk * are mandatory, if they are not completed then your application may be considered not properly made under section 128 of the *Environmental Protection Act 1994*.

1 Applicant details

Is there more than one applicant?*	<input type="checkbox"/> No, please provide applicant's details here. <input checked="" type="checkbox"/> Yes, please provide the principal applicant's details here and other applicants' details at attachment 1—Joint applicants and appointment of principal applicant
Name—individual or contact person if applicant is an organisation*	
Organisation name, including any trading name (*if an organisation) Santos Limited	ABN/ACN (*if an organisation) 80007550923
Residential or registered business address (not a post office box)* 60 Flinders Street ADELAIDE SA 5000	Phone*
Postal address (if same as above, write "AS ABOVE")* PO BOX 1010, BRISBANE QLD 4001	Facsimile N/A
Email*	<input checked="" type="checkbox"/> Indicate if you want to receive correspondence via email

1.1 Nomination of an agent for this application

I/we nominate the below agent to act on my/our behalf and to receive correspondence relating to this application.

Do you want to nominate an agent for this application?*	
<input checked="" type="checkbox"/> No → Go to <i>Question 2</i> . <input type="checkbox"/> Yes → Complete the agent's details here.	
Name of agent—individual or contact person if the agent is an organisation Insert.	
Organisation name, including any trading name (if an organisation) Insert.	ABN/ACN (if an organisation) Insert.
Postal address Insert.	Phone Insert.
Email Insert.	<input type="checkbox"/> Indicate if you want to receive correspondence via email

¹ This application form is available at www.qld.gov.au, using the publication number 'ESR/2015/1664' as a search term.

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2 Registered suitable operator status

A suitable operator is a person or a corporation assessed under Part 4, Chapter 5A of the EP Act as being suitable to carry out an ERA and is listed on the suitable operator register².

Are all applicants registered as a suitable operator?*	
<input checked="" type="checkbox"/> Yes	<p>Suitable operator reference number*</p> <p>601231</p> <p>The suitable operator reference number provided must belong to the individual/organisation with the exact same name, DOB or ABN/ACN as the applicant. If there is more than one applicant, include all applicants' suitable operator reference numbers on Attachment 1.</p>
<input type="checkbox"/> No	<p>You must apply to be a registered suitable operator either online through Connect at www.qld.gov.au/environmentconnect or by completing the form Application to be a registered suitable operator (ESR/2015/1771)³.</p> <p>Note: If there is more than one applicant, a separate form must be submitted for each applicant.</p>

3 Details of the activity/activities being applied for

Complete the tables below by advising which activities you are applying for and the locations where they will be conducted.

Resource activity name as it appears in Schedule 3 of the Environmental Protection Regulation 2019 (EP Reg)* For example, 1—Activities under a GHG injection and storage lease under the GHG storage Act, 3—A petroleum activity that is likely to have a significant impact on a category A or B environmentally sensitive area, 6—A petroleum activity carried out on a site containing a high hazard dam or a significant hazard dam, 13—Mining black coal, 16—Mining gold ore	Tenure number(s)*
Non-scheduled Petroleum Activity Petroleum Lease - PL	PL 1055
Insert.	Insert.
Insert.	Insert.
Insert.	Insert.
Insert.	Insert.
Insert.	Insert.
Insert.	Insert.
Insert.	Insert.
Insert.	Insert.
Insert.	Insert.
Insert.	Insert.
Insert.	Insert.
Insert.	Insert.
Insert.	Insert.

² The register is available on the Queensland Government website at www.qld.gov.au, using the search term “suitable operator register”.

³ The hardcopy form is available upon request Permit and Licence Management by calling 1300 130 372 (option 4) or emailing palm@des.qld.gov.au.

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What is a broad description of activity/activities? [*] For example, gemstone mining, geothermal activities, exploration—minerals, data acquisition authority, petroleum exploration, petroleum production	Does the ERA have standard conditions ⁴ that you can comply with? [*]	Name of the ERA standard ([*] if applicable)	Tenure number(s) [*]
Petroleum exploration and production. Refer to attachment 2 supporting information.	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Insert.	PL 1055
Insert.	<input type="checkbox"/> No <input type="checkbox"/> Yes	Insert.	Insert.
Insert.	<input type="checkbox"/> No <input type="checkbox"/> Yes	Insert.	Insert.
Insert.	<input type="checkbox"/> No <input type="checkbox"/> Yes	Insert.	Insert.
Ancillary activity as it appears in Schedule 2 ⁵ of the EP Reg [*]			
Threshold	Name of ERA	Tenure number(s)	
Insert.	Insert.	Insert.	
Insert.	Insert.	Insert.	
Insert.	Insert.	Insert.	
Insert.	Insert.	Insert.	

⁴ERAs with eligibility criteria and standard conditions are available on the Business Queensland website at www.business.qld.gov.au, using the search term “eligibility criteria”.

⁵Prescribed ERAs listed in Schedule 2 of the EP Reg can be carried out as part of a resource activity. The relevant ERA number is used as shorthand reference to describe which activities are authorised. This makes it clear as to what is authorised and in the event of a change of operation, when an amendment application needs to be made. The EA will include conditions for the prescribed ERA.

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4 Description of land where the activity/activities will be carried out

Tenure type/s* e.g. DAA, EPM, EPC	Tenure number*	Local government area (LGA)*	Date on application*
PL	1055	Bulloo Shire	31/10/2018
Insert.	Insert.	Insert.	Insert date.
Insert.	Insert.	Insert.	Insert date.
Insert.	Insert.	Insert.	Insert date.
Insert.	Insert.	Insert.	Insert date.
Insert.	Insert.	Insert.	Insert date.
Insert.	Insert.	Insert.	Insert date.
Insert.	Insert.	Insert.	Insert date.
GPS coordinates (*if known): Insert.			
Provide a description of land below or on an attachment e.g. environmental values, bioregions and regional ecosystems, terrain, shallow ground water systems, floodplains, springs and soil descriptions*			
Refer to Attachment 2 – Supporting Information			

I have attached a description of land

5 Details of contaminated land

Is there a site management plan in effect for contaminated land that relates to the land that is the subject of this application?*		
<input checked="" type="checkbox"/> No →	Go to <i>Question Error! Reference source not found.</i>	
<input type="checkbox"/> Yes →	Description of land*	
	Lot and plan number(s)	LGA
	Lot Insert. Plan Insert.	Insert.
	Lot Insert. Plan Insert.	Insert.
	Lot Insert. Plan Insert.	Insert.
	Lot Insert. Plan Insert.	Insert.
If you are not able to provide all relevant details above, please attach them to this application and indicate you have done so below:		
<input type="checkbox"/> I have attached the description of the land for which a site management plan is in effect.		

6 Regional interests development approval

A regional interests development approval (RIDA) is required when a resource activity is proposed in an area of regional interest under the *Regional Planning Interests Act 2014*. Further information, including application forms, can be found on the Department of Infrastructure, Local Government and Planning (DILGP) website at www.dilgp.qld.gov.au.

Is the resource activity located anywhere within an area of regional interest?*
<input type="checkbox"/> No

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<input checked="" type="checkbox"/> Yes →	Which regional interest area, has or will require a RIDA? <input type="checkbox"/> Priority Agricultural Areas (PAAs) <input type="checkbox"/> Priority Living Areas (PLAs) <input checked="" type="checkbox"/> Strategic Environmental Areas (SEAs) <input type="checkbox"/> Strategic Cropping Area (SCA) <input type="checkbox"/> No RIDA required, I am an exempt activity.
	If you have applied for a RIDA, provide the application reference below: RPI18-023, RPI20-023

7 Environmental offsets

An environmental offset, under the *Environmental Offsets Act 2014*, may be required for an ERA where, despite all reasonable measures to avoid and minimise impacts on certain environmental matters, there is still likely to be significant residual impact on one or more of those matters.

You must verify the presence, whether temporary or permanent, of those environmental matters. For more information refer to the Queensland Environmental Offsets Policy and the Significant Residual Impact Guideline at the Queensland Government website at www.qld.gov.au, using the search term “environmental offsets”.

Will the ERA/s being applied for result in a significant residual impact to a matter of State environmental significance (MSES)?*	
<input checked="" type="checkbox"/> No →	Go to <i>Question 8</i> .
<input type="checkbox"/> Yes →	Please attach supporting information that: <ol style="list-style-type: none"> Details the magnitude and duration of the likely significant residual impact on each prescribed environmental matter (other than matters of local environmental significance) for the entire activity; and Demonstrates that all reasonable measures to avoid and minimise impacts on each of those matters will be undertaken.

7.1 Notice of election

Has a notice of election been submitted to the administering authority, or is being submitted as part of this application?	
<input type="checkbox"/> No →	Go to <i>Question 7.2</i> .
<input type="checkbox"/> Yes →	You can attach the notice of election, if it has not already been submitted. Go to <i>Question 7.3</i> .

7.2 Staged environmental offsets

Offset delivery can be staged, however for this to occur, the condition of any approved environmental authority needs to state that both the activity and the offset may be staged. As part of your notice of election for each stage under the *Environmental Offsets Act 2014*, you are required to provide a detailed assessment of the quantum of impact of that stage and the offset obligation requirement to be delivered for that stage.

Will the proposed activity/activities and delivery of an environmental offset be undertaken in stages?	
<input type="checkbox"/> No	
<input type="checkbox"/> Yes →	You must attach supporting information that details of how the activity/activities are proposed to be staged.

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7.3 Nature conservation environmental offset

Has another authority issued under the <i>Nature Conservation Act 1992</i> required an environmental offset for the same, or substantially the same, impact and the same, or substantially the same, MSES?	
<input type="checkbox"/> No	
<input type="checkbox"/> Yes → Provide permit number: Insert.	

7.4 Marine parks environmental offset

Has marine park permit issued under the <i>Marine Parks Act 2004</i> required an environmental offset for the same, or substantially the same, impact and the same, or substantially the same, MSES?	
<input type="checkbox"/> No	
<input type="checkbox"/> Yes → <input type="checkbox"/> You must attach a copy of the marine park permit to this application.	

8 Matters of national environmental significance

There are currently nine matters of national environmental significance (MNES) which have been defined in the *Environmental Protection and Biodiversity Conservation Act 1999 (Cth)* (EPBC Act). These are:

- world heritage properties
- national heritage places
- wetlands of international importance (listed under the Ramsar Convention)
- listed threatened species and ecological communities
- migratory species protected under international agreements
- Commonwealth marine areas
- the Great Barrier Reef Marine Park
- nuclear actions (including uranium mines)
- a water resource, in relation to coal seam gas development and large coal mining development

To determine whether the proposed activity/activities will have a significant impact on MNES and for referral requirements, please refer to the guidance provided by the Federal Government's Department of Agriculture, Water and the Environment on www.environment.gov.au.

Would the carrying out of the proposed activity/activities be likely to have a significant impact on a MNES?*	
<input checked="" type="checkbox"/> No →	Go to <i>Question 9</i> .
<input type="checkbox"/> Yes →	Has the proposal been referred to the Federal Department of Agriculture, Water and the Environment for formal assessment and approval? <input type="checkbox"/> No → Go to <i>Question 9</i> . <input type="checkbox"/> Yes → Go to <i>Question 8.1</i> .

8.1 EPBC Act approval for environmental offsets

Has an approval been issued under the EPBC Act required an environmental offset for the same, or substantially the same, impact and the same, or substantially the same, MSES?	
<input type="checkbox"/> No →	Go to <i>Question 9</i> .
<input type="checkbox"/> Yes →	<input type="checkbox"/> I have attached a copy of the approval under the EPBC Act. Are there any MNES which were assessed under the EPBC Act which are the same, or substantially the same as an MSES, but that were not conditioned in the approval? <input type="checkbox"/> No → Go to <i>Question 10</i> . <input type="checkbox"/> Yes → List these MNES: Insert.

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9 ANZSIC Code for the activity

The Australian and New Zealand Industrial Classification (ANZSIC) is used by the Australian Bureau of Statistics.

What is the ANZSIC code for the activity?*	
<input type="checkbox"/> 1101 Black coal mining	<input type="checkbox"/> 1313 Copper ore mining
<input type="checkbox"/> 1102 Brown coal mining	<input type="checkbox"/> 1314 Gold ore mining
<input type="checkbox"/> 1311 Iron ore mining	<input type="checkbox"/> 1315 Mineral sand mining
<input type="checkbox"/> 1312 Bauxite mining	<input type="checkbox"/> 1316 Nickel ore mining
<input type="checkbox"/> 1317 Silver-lead-zinc ore mining	<input checked="" type="checkbox"/> 1200 Oil and gas extraction
<input type="checkbox"/> 1319 Metal ore mining (other metallic mineral ores)	<input type="checkbox"/> Other Insert.

10 Environmental Impact Statement and Impact Assessment Report under the State Development and Public Works Organisation Act 1971

Certain stages of the EA application process may not apply if the proposed activities were assessed as part of a coordinated project (an Environmental Impact Statement (EIS) or Impact Assessment Report (IAR) process) declared by the Coordinator-General under the *State Development and Public Works Organisation Act 1971* (SDPWO Act). You are only required to answer Questions 10.2 to 10.4 if your project is being, or was assessed, as part of a coordinated project under the SDPWO Act.

10.1 Coordinated project status

Has the Coordinator-General declared that the project the subject of this application is a coordinated project for which an EIS or IAR under that Act is required?	
<input type="checkbox"/> No →	Go to <i>Question 11</i> .
<input type="checkbox"/> Yes →	What is the name of the project? Insert. Go to <i>Question 10.2</i>

10.2 Has the EIS or IAR process been completed?

Has the EIS or IAR process under the SDPWO Act been completed?*	
<input checked="" type="checkbox"/> No →	Go to <i>Question 13</i>
<input type="checkbox"/> Yes	Was the EIS or IAR completed for all activities that are the subject of this application?
	Please list the activities that were not included in the EIS or IAR or attach documentation with this information to this application: Insert. <input type="checkbox"/> I have attached the required supporting information Go to <i>Question 10.3</i>
	<input type="checkbox"/> Yes → Go to <i>Question 10.3</i>

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10.3 Environmental risks

Have the environmental risks or the way the activity/activities are proposed to be carried out changed since the EIS or IAR was completed?*
<input type="checkbox"/> No → Go to <i>Question 10.4</i>
<input type="checkbox"/> Yes → I have attached supporting information. Go to <i>Question 10.4</i>

10.4 Coordinator-General's conditions

Are there conditions contained within an evaluation report that relate to the activities being applied for?*
<input type="checkbox"/> No → Go to <i>Question 13</i>
<input type="checkbox"/> Yes → Date Coordinator-General's evaluation report issued: Insert. Lapse date of report: Insert.

11 EIS under the *Environmental Protection Act 1994*

Certain stages of the EA application process may not apply if the proposed activities were assessed by EIS under the EP Act.

Note: You do not need to complete this section if you have indicated in Question 10 that the proposed activities are being, or have been assessed by the Coordinator-General as part of an EIS under SDPWO Act.

For this section, if the EIS assessment process for your project is complete please answer Questions 11.1-11.2. If the EIS assessment process has not been completed, please complete Questions 11.3 and 11.4.

Further information about the EIS process is available at www.qld.gov.au using the search term 'environmental impact statements'.

11.1 Completed EIS process

Has an EIS process under Chapter 3 of the EP Act been completed?*	
<input checked="" type="checkbox"/> No → Go to <i>Question 11.3</i>	
<input type="checkbox"/> Yes →	Was the EIS process completed for all activities that are the subject of this application?
	<input type="checkbox"/> No Please list the activities that were not included in the EIS or attach documentation with this information to this application: Insert <input type="checkbox"/> I have attached the required supporting information. Go to <i>Question 11.2</i>
	<input type="checkbox"/> Yes Go to <i>Question 11.2</i>

11.2 Environmental Risks

Have the environmental risks or the way the activity/activities are proposed to be carried out changed since the EIS was completed?*
<input type="checkbox"/> No Go to <i>Question 13</i>
<input type="checkbox"/> Yes → I have attached supporting information. Go to <i>Question 13</i>

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11.3 Current EIS process

11.3.1 Have you applied for a decision on whether an EIS would be required under the EP Act for an EA application under Part 3, Chapter 3?	
<input checked="" type="checkbox"/> No →	Go to question 11.3.2
<input type="checkbox"/> Yes →	What was the decision? <input type="checkbox"/> EIS would be required. <input type="checkbox"/> EIS would not be required Go to Question 13

11.3.2 Have you applied to voluntarily prepare an EIS under either Part 2 or Part 3 of Chapter 3 of the EP Act?	
<input checked="" type="checkbox"/> No →	Go to question 12
<input type="checkbox"/> Yes →	What was the outcome of the application?
	<input type="checkbox"/> Refused Go to question 13
	<input type="checkbox"/> Approved Have you submitted a draft TOR to the department? <input type="checkbox"/> Yes Insert date of submission <input type="checkbox"/> No Go to Question 13
	Do you intend to prepare an EIS under chapter 3, EP Act? <input type="checkbox"/> Yes <input type="checkbox"/> No Go to Question 13

12 EIS criteria

The information provided here will assist in determining whether an EIS (under the EP Act) is required. If your response to any question is yes, you must attach details of how the criterion is triggered including details of the impact. You do not need to fill this out if you have an approval to voluntarily prepare an EIS under Part 2 or Part 3 of Chapter 3 or received a decision that an EIS would not be required for an EA application for this application under Part 3, Chapter 3 **OR** if you have indicated in question 10 that the proposed activities are being or have been assessed by the Coordinator General as part of an EIS for a coordinated project.

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For further information refer to the guideline Criteria for environmental impact statements for resource projects under the Environmental Protection Act 1994 (ESR/2016/2167)⁶.

#	Criteria—EIS triggers (*if applicable)	Response
	<i>This question is not applicable if an EIS process under either the SDPOW Act or the EP Act has been completed for all the activities that are the subject of this application, and the environmental risks of the activities and the way they are proposed to be carried out <u>has not changed</u> since the EIS was completed.</i>	
	*Questions 12.1-12.3 are mandatory for mining activities only . If your proposed activity/activities is not a mining activity, tick N/A and proceed to <i>Question 12.4</i> .	<input checked="" type="checkbox"/> N/A
12.1*	Is the ERA project for a mining activity which involves the removal of two million tonnes/year or more of run-of-mine (ROM) ⁷ ore or coal?	<input type="checkbox"/> YES <input type="checkbox"/> NO
12.2*	Is the ERA project for a mining activity that involves the removal of 1 million tonnes per year or more of run-of-mine (ROM) ore or coal on or under a floodplain or a coastal hazard area?	<input type="checkbox"/> YES <input type="checkbox"/> NO
12.3*	Is the ERA project for a mining activity which involves the introduction of a novel or unproven resource extraction process, technology or activity ⁸ ?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	*Questions 12.4-12.6 are mandatory for petroleum and gas activities only . If your proposed activity/activities is not a petroleum and gas activity, tick N/A and go to Question 14.	<input type="checkbox"/> N/A
12.4*	Is the ERA project for a petroleum and gas activity that is likely to have a total disturbance area of greater than 2000 hectares at any one time during the life of the proposed project? This includes areas occupied by well pads (single or multi-directional), access tracks and roads, water storages, and process plants?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
12.5*	Is the ERA project for a petroleum and gas activity that is likely to involve the construction of a high pressure pipeline over a distance of 300 kilometres or greater?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
12.6*	Is the ERA project for a petroleum and gas activity that is likely to involve the construction of a liquefied natural gas plant?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<input type="checkbox"/> I have attached details of how the criterion is triggered including details of the impact.		
There are numerous criteria used to make the EIS decision. Further information about the EIS process is available at www.qld.gov.au using the search term 'environmental impact statements'.		

⁶ This guideline is available on the Queensland Government website at www.qld.gov.au, using the search term “criteria for EIS”.

⁷ ROM ore or coal means the material excavated but prior to washing or chemical concentration. It does not include overburden.

⁸ For example: underground coal gasification; in-seam coal slurring; a new method of ore concentration. This will be decided on a case-by-case basis and this trigger is not intended to discourage innovation.

13 Progressive rehabilitation and closure plan (PRC plan) under the *Environmental Protection Act 1994*

Is this application for a new site-specific environmental authority for a mining activity relating to a mining lease?*

No

Yes

If yes, this application **must** be accompanied by a PRC plan complying with 126C and submitted in the approved form unless:

- In relation to an EIS process under EP Act:
 - o the administering authority has approved the voluntary preparation of an EIS under Part 2 or Part 3, Chapter 3 of the EP Act and the EIS has started (draft Terms of Reference submitted), or you stated in this application (question 11.3.2) that an EIS will be prepared; OR
 - o DES has made a decision that an EIS is required for this application under Part 3, Chapter 3 of the EP Act; OR
- In relation to an EIS process under SDPWO Act:
 - o The Coordinator-General has declared that the project the subject of this application is a coordinated project for which an EIS is required.

In the above circumstances, the intention is for the PRC plan to be provided in the EIS. Following the EIS assessment process, the PRC plan should be formally lodged in the approved form.

The approved form for lodgement of a PRC plan can be obtained from www.qld.gov.au using the publication number/2019/4957 as a search term.

14 Assessment of the environmental impact

This question is **not applicable if any** of the following apply. If relevant, please tick which scenario is relevant to your project:

In relation to an EIS process under SDPWO Act:

an EIS process has been completed for all the activities that are the subject of this application **and** the environmental risks of the activities and the way they are proposed to be carried out has not changed since the EIS was completed.

OR

the Coordinator-General has declared that the project the subject of the application is a coordinated project for which an EIS under that Act is required.

OR

In relation to an EIS process under EP Act:

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an EIS process has been completed for all the activities that are the subject of this application **and** the environmental risks of the activities and the way they are proposed to be carried out has not changed since the EIS was completed.

OR

an application to the chief executive to decide if an EIS was required for an EA application for the application was approved (Chapter 3, Part 3)

OR

chief executive approved application to voluntarily prepare an EIS under either Part 2 or Part 3 of Chapter **and either**

- Proponent has submitted a draft TOR

OR

You stated in question 11.3.2 of this form that you (the applicant) intend to prepare an EIS under [chapter 3](#), EP Act.

You must attach to this application an assessment of the likely impact of each ERA on environmental values (***if applicable**), including:

- a description of the environmental values likely to be affected by each relevant activity
 - details of any emissions or releases likely to be generated by each relevant activity
 - a description of the risk and likely magnitude of impacts on the environmental values
 - details of the management practices proposed to be implemented to prevent or minimise adverse impacts
 - if you answered 'No' to Question 0, details of how the land the subject of the application will be rehabilitated after each relevant activity ceases
- I have attached an assessment of the environmental impact and specific supporting information.

15 Details of waste management

Describe the proposed measures for minimising and managing waste generated by the activity/activities below or on an attachment*

REFER TO SUPPORTING INFORMATION (ATTACHMENT 2)

- I have attached the proposed measures.

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16 Coal seam gas activities

This question is **not applicable** if an EIS process under the SDPWO Act has been completed for all the activities that are the subject of this application **and** the environmental risks of the activities have not changed since the EIS was completed.

Does the application relate to coal seam gas (CSG) activities? (*if applicable)	
<input checked="" type="checkbox"/> No →	You will not be authorised to undertake CSG activities. Go to <i>Question 17</i> .
<input type="checkbox"/> Yes →	Will CSG water be generated by the proposed activities? (*if applicable)
<input type="checkbox"/> No	
<input type="checkbox"/> Yes →	<p>You must attach documentation detailing:</p> <ul style="list-style-type: none"> the quantity of CSG water the applicant reasonably expects will be generated in connection with carrying out each relevant CSG activity; and the flow rate at which the applicant reasonably expects the water will be generated; and the quality of the water, including changes in the water quality the applicant reasonably expects will happen while each relevant CSG activity is carried out; and the proposed management of the water including, for example, the use, treatment, storage or disposal of the water; and the measurable criteria (the management criteria) against which the applicant will monitor and assess the effectiveness of the management of the water, including, for example, criteria for each of the following: <ul style="list-style-type: none"> (i) the quantity and quality of the water used, treated, stored or disposed of (ii) protection of the environmental values affected by each relevant CSG activity (iii) the disposal of waste, including, for example, salt, generated from the management of the water; and the action proposed to be taken if any of the management criteria are not complied with. This will also need to include actions to make sure that the management criteria will be able to be complied with in the future; and whether the proposed management of the CSG water is consistent with the Coal Seam Gas Water Management Policy (ESR/2016/2381⁹), including the prioritisation hierarchy for managing and using CSG water; or if the proposed management of the coal seam gas water is inconsistent with the prioritisation hierarchy for managing and using CSG water—the reason for managing the CSG water in the proposed way.
Will brine or salt be generated by the proposed activities? (*if applicable)	
<input type="checkbox"/> No	
<input type="checkbox"/> Yes →	<p>You must attach documentation detailing:</p> <ul style="list-style-type: none"> whether the proposed management of the salt or brine is consistent with the Coal Seam Gas Water Management Policy (ESR/2016/2381⁹), including the prioritisation hierarchy for managing saline waste; or if the proposed management of the salt or brine is inconsistent with the prioritisation hierarchy for managing saline waste—the reason for managing the salt or brine in the proposed way.

⁹ This policy is available on the Queensland Government website at www.qld.gov.au, using the publication number 'ESR/2016/2381' as a search term.

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Is a CSG evaporation dam proposed in connection with carrying out the CSG activity? (*if applicable)
<input type="checkbox"/> No <input type="checkbox"/> Yes → You must attach documentation detailing: <ul style="list-style-type: none"> (a) an evaluation of best practice environmental management for managing the CSG water; and (b) an evaluation of alternative ways for managing the water; and (c) how the evaluation demonstrates that there is no feasible alternative to a CSG evaporation dam for managing the water.
<input type="checkbox"/> I have attached the documentation to support all 'Yes' responses provided above.

17 Exercising underground water rights

Underground water rights provide the tenure holder with a statutory right to take or interfere with underground water in the area of the tenure if the taking or interference with that water is necessarily and unavoidably obtained in the process of extracting the resource.

For more information about exercising underground water rights or the associated application requirements please refer to the guideline Requirements for site-specific and amendment applications—underground water rights (ESR/2016/3275)¹⁰.

If the activity/activities are proposed to be undertaken on a mineral development licence (MDL), mining lease (ML) or petroleum lease (PL), does the application propose to exercise underground water rights?*	
<input type="checkbox"/> N/A →	The proposed activity/activities are not on a MDL, ML or PL. Go to <i>Question 18</i> .
<input type="checkbox"/> No →	Go to <i>Question 18</i> .
<input checked="" type="checkbox"/> Yes →	<p>You must attach documentation detailing:</p> <ul style="list-style-type: none"> • the areas in which underground water rights are proposed to be exercised; • for each aquifer affected, or likely to be affected, by the exercise of underground water rights: <ul style="list-style-type: none"> (i) a description of the aquifer; (ii) an analysis of the movement of underground water to and from the aquifer, including how the aquifer interacts with other aquifers and surface water; and (iii) a description of the area of the aquifer where the water level is predicted to decline because of the exercise of underground water rights; and (iv) the predicted quantities of water to be taken or interfered with because of the exercise of underground water rights during the period in which resource activities are carried out; • the environmental values that will, or may, be affected by the exercise of underground water rights and the nature and extent of the impacts on the environmental values; • any impacts on the quality of groundwater that will, or may, happen because of the exercise of underground water rights during or after the period in which resource activities are carried out; and • strategies for avoiding, mitigating or managing the predicted impacts on the environmental values or the impacts on the quality of groundwater.
<input checked="" type="checkbox"/>	I have attached all relevant supporting documentation.

¹⁰ This guideline is available on the Queensland Government website at www.qld.gov.au, using the publication number "ESR/2016/3275" as a search term.

Site-specific application for a new environmental authority for a resource activity

18 Publication of application notice and documents

This question is only applicable if you are proposing to undertake a mining activity on a mining lease, or a geothermal, petroleum or greenhouse gas storage activity.

As the applicant, you may be required to make the application notice, application documents and the response to any information requests available on a website during the public notification period. By providing a website address below, you give permission for the administering authority to link to your website during the public access period.

What is the website address for the application notice and application documents (*if applicable)?		
N/A		
Details of contact person if technical assistance is required:		
Name: Insert.	Phone: Insert.	Email: Insert.

19 Payment of fees

You are required to pay an application fee at the time of application. If your application is approved you will be required to pay a fee annually. Each ERA has a regulated fee and the annual fee will be the highest annual fee of any ERA associated with the project. The first annual fee will be invoiced when one or more of the tenures are granted. Information on fees is available on the Business Queensland website at www.business.gov.au.

The application fee is*: \$ 887.30 (\$677.00 + \$210.3 (30% annual fee))

Please select your payment method for the application fee below*:

- Cheque or money order payable to the Department of Environment and Science (attached).
- For credit card payments for applications to the Department of Environment and Science you must complete the application using Connect at www.des.qld.gov.au.

For more information on payment options go to the Business Queensland website at www.business.qld.gov.au and search 'Forms and fees for mining and resources'.

20 Applicant declaration

I declare that the information I have provided is true and correct. I understand that it is an offence under the *Environmental Protection Act 1994* to give information that I know is false, misleading or incomplete.

I will comply with all conditions on my environmental authority as well as any relevant provision in the *Environmental Protection Act 1994*.

I understand that I am responsible for managing the environmental impacts of these activities, and that approval of this application is not an endorsement by the administering authority of the effectiveness of the management practices proposed or implemented.

Applicant's full name*	Applicant's position (*if an organisation) HSER MANAGER - ONSHORE
Applicant's signature*	Date* 19/03/2021

Site-specific application for a new environmental authority for a resource activity

Important note: Estimated rehabilitation cost (ERC)

It is a condition of all environmental authorities for resource activities, under section 297 of the EP Act, that the holder must not carry out, or allow the carrying out of, a resource activity under the authority unless an ERC decision is in effect, and the holder has paid scheme assurance and complied with the requirements under the *Mineral and Energy Resources (Financial Provisioning) Act 2018* for paying this assurance. If your application for an environmental authority is approved, you must lodge a separate application for an ERC decision either using Connect¹¹ or by submitting the approved form *Application for a Decision on the Estimated Rehabilitation Cost*¹² (publication number ESR/2018/4426). For further information regarding the estimated rehabilitation cost, refer to Guideline *Estimated rehabilitation cost under the Environmental Protection Act 1994*¹³ (publication number ESR/2018/4425).

Submitting your completed application

Submit your completed application (in word searchable electronic PDF format) via email to palm@des.qld.gov.au or:

Post:

Permits and License Management
Department of Environment and Science
GPO Box 2454
BRISBANE QLD 4001

Further information:

www.business.qld.gov.au
Email: palm@des.qld.gov.au
Phone: 13 QGOV (13 74 68)

Privacy statement

The Department of Environment and Science (the Department) and the Department of Resources are collecting the information on this form in accordance with and as authorised by Chapter 5 of the *Environmental Protection Act 1994* (EP Act).

Pursuant to section 540 of the EP Act, the Department is required to maintain a register of certain documents and information authorised under the EP Act. A copy of this document will be kept on the public register. The register is available for inspection by members of the public who are able to take extracts, or copies of the documents from the register. Documents that are required to be kept on the register are published in their entirety, unless alteration is required by the EP Act. There is no general discretion allowing the Department to withhold documents or information required to be kept on the public register. For more information on the Department's public register, search 'public register' at www.qld.gov.au. For queries about privacy matters please email privacy@des.qld.gov.au or telephone 13 74 68.

¹¹ Certain applications to DES can be made using DES's digital platform for online services and transactions—Connect. For more information and to register to use Connect go to www.des.qld.gov.au/Connect.

¹² This form is available on the Queensland Government website at www.qld.gov.au, using the publication number ESR/2018/4426 as a search term.

¹³ This form is available on the Queensland Government website at www.qld.gov.au, using the publication number ESR/2018/4425 as a search term.

Site specific application for a new environmental authority for a resource activity**Attachment 1—Joint applicants and appointment of principal applicant**

We are joint applicants for this environmental authority and hereby appoint: SANTOS LIMITED
as the principal applicant to receive statutory documents relating to this application.

Name—individual or contact person if applicant is an organisation General Manager, Cooper Basin Joint Venture	Suitable operator reference number 601232
Organisation name (include trading name if relevant) Delhi Petroleum Pty Ltd	ABN/ACN (if an organisation) 7854686
Residential or registered business address (not a post office box) Level 8, 80 Flinders Street, ADELAIDE SA 5000	Phone
Postal address (if different from above) GPO Box 175, ADELAIDE SA 5001	Facsimile Insert.
	<input type="checkbox"/> Indicate if you want to receive correspondence via email
Signature	Date <u>1 December 2020</u> Insert date.

Name—individual or contact person if applicant is an organisation GENERAL MANAGER, COOPER BASIN JOINT VENTURE	Suitable operator reference number 607236
Organisation name (include trading name if relevant) Beach Energy (Operations) Limited	ABN/ACN (if an organisation) 7845338
Residential or registered business address (not a post office box) LEVEL 8, 80 FLINDERS STREET, ADELAIDE SA 5000	Phone
Postal address (if different from above) GPO BOX 175, ADELAIDE SA 5001	Facsimile Insert.
Email	<input type="checkbox"/> Indicate if you want to receive correspondence via email
Signature	Date .24 November 2020

Site specific application for a new environmental authority for a resource activity

Name—individual or contact person if applicant is an organisation	Suitable operator reference number 601497
Organisation name (include trading name if relevant) Vamgas Pty Ltd	ABN/ACN (if an organisation) Insert.
Residential or registered business address (not a post office box) 60 Flinders Street, ADELAIDE SA 5000	Phone
Postal address (if different from above) GPO Box 1010, BRISBANE QLD 4001	Facsimile Insert.
Email	<input type="checkbox"/> Indicate if you want to receive correspondence via email
Signature	Date 19/03/2021

Name—individual or contact person if applicant is an organisation	Suitable operator reference number 601502
Organisation name (include trading name if relevant) Santos Australian Hydrocarbons Pty Ltd	ABN/ACN (if an organisation) 006245110
Residential or registered business address (not a post office box) 60 Flinders Street, Adelaide SA 5000	Phone
Postal address (if different from above) GPO BOX 1010, BRISBANE QLD 4001	Facsimile Insert.
Email	<input type="checkbox"/> Indicate if you do not want to receive correspondence via email
Signature	Date 19/03/2021

Name—individual or contact person if applicant is an organisation Insert.	Suitable operator reference number Insert.
Organisation name (include trading name if relevant) Insert.	ABN/ACN (if an organisation) Insert.
Residential or registered business address (not a post office box) Insert.	Phone Insert.
Postal address (if different from above) Insert.	Facsimile Insert.
Email Insert.	<input type="checkbox"/> Indicate if you want to receive correspondence via email
Signature	Date Insert date.

Site specific application for a new environmental authority for a resource activity

Name—individual or contact person if applicant is an organisation Insert.	Suitable operator reference number Insert.
Organisation name (include trading name if relevant) Insert.	ABN/ACN (if an organisation) Insert.
Residential or registered business address (not a post office box) Insert.	Phone Insert.
Postal address (if different from above) Insert.	Facsimile Insert.
Email Insert.	<input type="checkbox"/> Indicate if you want to receive correspondence via email
Signature	Date Insert date.