



Department of Mines,
Petroleum and Exploration

Guideline

Environmental Reporting Guideline

Version 3.0
February 2026

Document Hierarchy for annual environmental reports under the *Mining Act 1978*

Legislation	<i>Mining Act 1978</i>
Regulation	Mining Regulations 1981
Policy	Environmental Regulatory Strategy Environmental Objectives Policy for Mining
Guidelines	This Document Mining Development and Closure Proposal and Approvals Statement Framework Guideline for preparing Mining Development and Closure Proposal

Version History

Version	Date	Changes
1.0	March 2015	Initial publication.
2.0	December 2022	Updated to reflect the simplification of the annual environmental report system to streamline the information requested from proponents and improve system performance.
3.0	February 2026	Updated to reflect changes to accommodate reporting against conditions and outcomes on an Approvals Statement.

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Purpose

The purpose of this document is to provide guidance and transparency on the information required by the Department of Mines, Petroleum and Exploration (DMPE) in an Environmental Report (ER).

An ER is required for all mines that have an ER condition imposed under the *Mining Act 1978* (Mining Act). A condition requiring the submission of an ER annually (or reporting on an alternative timescale) is imposed on all Approvals Statements. An ER that is required annually is commonly referred to as an Annual Environmental Report (AER). For mines that have not yet been issued with an Approvals Statement, an AER condition was commonly imposed on all tenements following the approval of a mining proposal.

Failure to submit a required ER is a breach of tenement conditions that renders the affected tenement(s) liable for forfeiture pursuant to sections 96(2)b, 96A(1) or 97(1) of the Mining Act.

ERs are submitted through the DMPE Environmental Assessment and Regulatory System 2 (EARS2) system. This Guideline provides an overview of the structure and information required when reporting on mining activities approved under the Mining Act in Western Australia.

Objectives

The objectives of an ER are to:

- Document the mining activities conducted within the reporting period.
- Document the environmental management and rehabilitation activities for the reporting period, and proposed activities and developments in the following period.
- Provide environmental monitoring data.
- Provide analysis of monitoring data to report against the progress and status of achieving environmental outcomes and closure criteria for the site.
- Provide an assessment of compliance with conditions.

Scope

This guideline specifically relates to ERs required under the Mining Act. This guideline does not intend to provide a step-by-step guide on the use of EARS2. Guidance information on use of EARS2 is provided in Appendix 1 and also available through the EARS2 system when submitting an ER.

Guideline

The mandatory requirements of an ER are set out in the EARS2 system and are included under each section below for ease of reference.

1. Report Details

Report requirements

- Mining Environment Group (MEG) details (project code, project name, MEG, MEG name).
- Report period (start and finish).
- Contact information.

This section requires details regarding the Mining Environment Group (MEG), contact information, and the reporting period. For an AER, the reporting period is defined as the 12-month period prior to the specified due date. For ERs that are not required annually, the reporting period is the timeframe between a previously submitted ER to the next ER due date.

For example, an AER due in November 2025 would be required to report on activities between 1 November 2024 and 31 October 2025 (Figure 1).

The ER due date is specified within the tenement conditions, and/or on the mine's Approvals Statement. The information provided in an ER needs to be relevant to the ER reporting period.

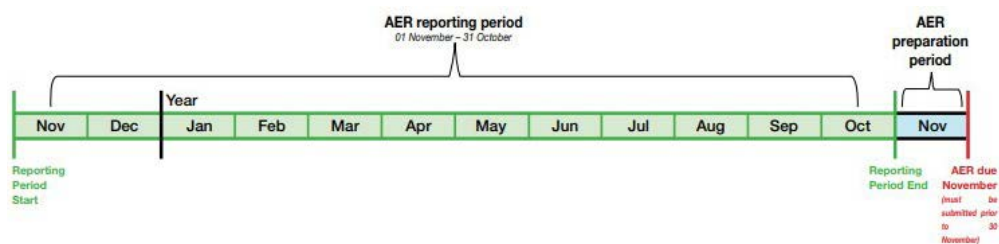


Figure 1 - AER Reporting Period

An extension to the ER submission due date can be requested from the General Manager, Mine Closure and Environmental Services at least 15 business days prior to the due date. This will be considered based on reasonable justification being provided in relation to the mitigating reasons the ER submission due date cannot be met.

If the ER reporting month as stated in the ER condition is not suitable, the tenement holder can formally request to the General Manager, Mine Closure and Environmental Services that the condition be updated to a preferable month.

Note: Changes to the reporting month specified on an Approvals Statement will require a reissue of the Approvals Statement.

2. Review Tenements

Report requirements

- ER lodgment requires you to report against the following list of tenements (generated by the EARS2 System). If you believe the list of tenements is incorrect, please raise a query to advise DMPE through the “Related Communications”. (See “Help” in the EARS2 System or in Appendix 1 for detailed instructions on raising queries using Related Communications.)

This section requires the user to review the tenements for which the ER is being prepared. The tenements shown within this step automatically populate based on the DMPE environmental tenement groupings (Project, MEG).

It is important to note that not all tenements associated with a MEG are displayed within this step. Only those tenements that are required to submit an ER (tenement condition requirement) will be displayed; all other tenements associated with the MEG are hidden from view.

3. Mining Environment Group

3.1 Site Activity Summary

Report requirements

This section requires a summary of the following for the ER reporting period:

- The status of the site (for example, Active/Care and Maintenance/Construction).
- Operational mining activities.
- Care and Maintenance activities (where relevant).
- Rehabilitation activities.
- Progress towards mine closure (e.g. research/trials undertaken, progress with closure plan).

The purpose of this section is to provide a concise overview of the type of operation and the activities being undertaken. Supporting information should be attached in the "Attach Document" section of the ER. Sites on Care and Maintenance must provide specific information on the maintenance activities conducted during the period, and attach evidence that they are continuing to make progress towards closure readiness/implementation.

3.2 Site Summary Table

Report requirements

- Provide a concise overview of the operations and the progress of closure planning for the Mining Environment Group.

The purpose of this section is to provide a concise overview of the operations and the progress of closure planning for the MEG. This section includes details regarding the current status of the site, the project commodity, year the site commenced and estimated remaining life of mine.

This section also includes a materials balance table that is intended to provide an overview of the total volumes of materials since the commencement of mining, as opposed to being for the reporting period only.

This section also requires details regarding the status of the Mine Closure Plan.

3.3 Site Plan

Report requirements

A Site Plan that clearly and accurately reflects the information provided in the ER must be attached. The minimum requirements for the Site Plan are:

- All operations and areas disturbed should be drawn on the plan with the scale, north point and legend clearly shown.
- All tenements and their boundaries indicated.
- Include topographical, mine-site infrastructure details and cadastral information.
- Include areas rehabilitated to date with year completed and rehabilitation stage.
- Show areas disturbed during the reporting period.
- For activities approved under the Mining Proposal Guidelines (2016) or *Statutory Guidelines for Mining Proposals (2020)*, the Site Plan must show the disturbance envelope.
- For mines with an Approvals Statement, the Site Plan must show the Activity Envelope.

The Site Plan(s) is a key element of the report and must clearly and accurately reflect the disturbance and rehabilitation information provided within the submission. It is essential that the Site Plan/s is/are relevant to the reporting period, consistent with the activity details date, and provides sufficient detail to allow the department to review the extent of site disturbance.

At least one Site Plan must be made publically available by selecting the “Available for Public Viewing” option when uploading a plan to the system.

3.4 Area of Activity

Report requirements

All mining related disturbance and rehabilitation activity present at the end of the ER reporting period needs to be reported.

Enter a summary of how the area data was verified (e.g. orthophotography, surveying), click the Save Form button, and then review and update the activities, disturbance and rehabilitation data for each tenement.

The EARS2 system provides the functionality for information to be “copied forward” as part of other departmental reporting requirements (e.g. previous ER submissions, Mining Rehabilitation Fund reports). Detailed guidance regarding this functionality is provided within Appendix 1 and is available in EARS2 when submitting an ER.

ERs must report the area of land under Stage 1 or Stage 2 rehabilitation in the tenement activity tables. See the Glossary for definitions.

Reporting Approved Activities

In future upgrades to the EARS2 system, it is intended that the requirement for proponents to report the approved activity area will be removed. Until this system change is enacted, it is required to enter an approved area per activity type in the ER. Where possible, the approved area must align with the approval instruments (Mining Proposals or Approval Statement) relevant to that activity. It is acknowledged that for some approvals not all miscellaneous/other activity types have a specific “approved” value. In those circumstances it is acceptable to record the “area approved” as the same as the “area as of current reporting period”.

Reporting on Overlapping Mining Activities

ERs must list all activities that exist on ground, however the areas of any activities that overlap do not need to be reported twice.

To avoid duplication, the tenement holder will need to choose the hectares to assign to each overlapping mine activity type within the ER. This decision should be informed by the combined closure liability of the overlapping activity types. Unless the tenement holder can provide justification that the combination of activities has resulted in a reduction in closure liability, the overlap area should be reported as the highest rehabilitation liability category of the activity types (as per the Mining Rehabilitation Fund category rates).

If there is an overlap between an Other Mine Activity and a Key Mine Activity, the area should always be reported as the Key Mine Activity.

All Key Mine Activities must be included in the ER, even if they have a 100 per cent overlap with another activity type (and therefore one activity has a reported area of zero hectares). For example: an in-pit tailings storage facility.

If the activity type has an associated environmental datasheet (waste dumps and tailings storage facility), the full area of the activity type must be listed in the datasheet.

Tenement holders must retain information and records to justify the reporting decisions in relation to areas of activity overlap. It is recommended that an explanation of the overlap, and any decisions relating to the reporting of the overlap, is attached to the ER as additional information.

In many circumstances, an overlap in activity types is conducted with the specific intention of reducing or mitigating the closure liability of the combined activity types (such as backfilling a pit with erosive waste). Where an approved Mining Proposal or Mine Closure Plan details that combining activities reduces the closure risk, reference to that approval can be provided in the ER as justification for the reporting decision.

Proponents should seek advice from DMPE prior to submitting an ER if they have any specific reporting queries or are unsure about how to report.

3.5 Landform Datasheets

Report requirements

Datasheets are required for all waste dumps and tailings storage facilities.

- The purpose of the datasheets is to confirm the design and management criteria for each waste dump/tailing storage facility to ensure long-term stability and successful rehabilitation.
- The Waste Dumps and Tailings Storage Facilities recorded in the “Area of Activity” section are listed on this screen by “Mine Activity Reference”. If the list of disturbances on this page appears incorrect, the Area of Activity section should be reviewed and any necessary changes made.

3.6 Rehabilitation and Closure Planning

Report requirements

The Guideline for preparing Mine Closure Plans, March 2025 details the requirements for mine closure planning.

Provide a summary of the following in this section:

- Changes to the operation since the last submitted ER that will affect mine closure (e.g. increased disturbance footprints, results of research trials or studies aimed at closing knowledge gaps).
- Any relevant outcomes of engagement with stakeholders regarding mine closure.
- Progress towards finalising completion criteria (development of completion criteria provides direction and focus for research and trials).

Attach supporting information in the “Attach Documents” section.

3.7 Research and Trials

Report requirements

Describe the research you have planned or implemented to verify the potential success of rehabilitation activities outlined in your mine closure plan or address any knowledge gaps identified in your mine closure plan.

Include a brief summary of what has been carried out, the methods used and a concise interpretation of the results (include graphs highlighting trends in vegetation cover rather than presenting tables of raw data).

Include the following in your description of the rehabilitation trial outcomes:

- Information on how the rehabilitation success was monitored;
- The monitoring period (ensure that adequate time for monitoring has been factored in to meet closure commitments);
- Actual results and comparisons to baseline/analogue information or control plots; and
- Photographs of the rehabilitation trials.

Attach supporting information in the “Attach Documents” section.

3.8 Future Work Program

Report requirements

Include a description of the environmental management and rehabilitation proposed for the following reporting period.

Describe in broad terms any upcoming expansion of operations that will need to seek approval, research or development projects, or the introduction of new techniques.

Attach supporting information in the “Attach Documents” section.

4. Compliance

4.1 Environmental and Closure Outcomes

Report requirements

For mines with an Approvals Statement, this section requires detail on compliance with the Conditions of Approval and Closure outcomes, including evidence to demonstrate the level of achievement of the conditions, as per the requirements of standard condition R4¹ and R5².

An example of how this can be reported can be found [on the department's website](#).

For activities approved under the *Mining Proposal Guidelines (2016)* or *Statutory Guidelines for Mining Proposals (2020)*, this section requires detail on performance against approved environmental and closure outcomes and performance criteria.

An example of how this can be reported can be found [on the department's website](#).

For activities approved under the *Guidelines for Mining Proposals in Western Australia (2006)*, or earlier mining proposal submissions, this section requires detail on progress towards achieving completion criteria in the latest approved Mine Closure Plan.

For activities approved under Part 2 of the *Statutory Guidelines for Mining Proposals (2020)*, or previous small operator pro-forma, this section requires evidence (e.g. photographs from the reporting period) to demonstrate compliance with environmental tenement conditions.

4.2 Environmental Monitoring

Report requirements

Provide monitoring data to verify whether the environmental conditions/performance criteria and environmental outcomes are being achieved, and to show progress against closure completion criteria.

An analysis of results must be provided, including interpretation of trends, with specific data attached.

An assessment of what the trends mean for the compliance status with the environmental outcomes is also required.

- 1 **R4.0** Tenement holder to ensure adequate environmental monitoring and analysis of approved activities is undertaken to demonstrate the level of achievement of the conditions and outcomes in the Approvals Statement and report the results to the department in the Environmental Report.
- 2 **R5.0** An Environmental Report is to be submitted to the department providing the following information: (i) the site operations undertaken in the previous 12 months; (ii) environmental management and demonstration of achievement of the environmental conditions and outcomes recorded on the Approvals Statement; and (iii) rehabilitation work undertaken in the previous 12 months and demonstration of progress towards achieving closure outcomes. The report is to be submitted by the date recorded on the Approvals Statement.

4.3 Conditions

Report requirements

The purpose of this section is to demonstrate compliance with conditions.

A summary of tenements is provided below. Select any conditions with non-compliances and provide an explanation for the non-compliance and how it was rectified to prevent future non-compliance.

NOTE: For mines that have fully transitioned to an Approvals Statement, this reporting is provided in section 4.1 and no further reporting is needed in this section.

4.4 Incidents

Report requirements

The purpose of this section is to provide an update on any reportable Environmental Incidents relevant to outcomes and condition requirements that have been reported during the reporting period. The information must include update on the associated monitoring, environmental outcomes and system improvements to prevent reoccurrence.

Use the Add Incident button to report on each incident.

NOTE: New incidents should not be reported via the ER. Reporting non-compliance via an ER is not considered self-reporting. For information on how to report a non-compliance or incident, please refer to the Resource and Environmental Compliance Division's [Guidance Note for Non-compliances and Incidents](#).

5. Other Information

Any additional information relevant to the site should be described in this section and appended to the ER as required. The use of the “Attach Documents” section is optional, but can be used to attach supporting information, such as colour photographs and/or aerial imagery which can provide a time record of the operation for comparative purposes.

6. Review

A Review step is included within the ER to ensure the report meets the requirements of these guidelines. Each section must be reviewed by the user to ensure all requirements have been appropriately addressed. In instances where compulsory data has not been entered consistent with EARS2 requirements, an error message will notify the user to return to that section and make the necessary corrections.

7. Corporate Endorsement

The ER needs to be corporately endorsed by a senior person within the operating company (e.g. the registered Mine Manager). The person acting as the Corporate Endorser will need to be assigned the Corporate Endorser role by the Company Administrator via the Administration menu.

8. Confidentiality

The following information is available to the public on the Department’s EARS2 [webpage](#):

- Report Details
- Mining Environment Group – Site Summary
- Mining Environment Group – Site Summary Table
- Mining Environment Group – Site Plan
- Mining Environment Group – Area of Activity.

All other information contained within an ER is not available to the public through the EARS2 system, though may be made available to the public pursuant to the *Freedom of Information Act 1992*.

Glossary

Term	Definition
Activity	Elements of the organisation's activities, products or services that can interact with the environment. These include routine and non-routine activities.
Activity Envelope	The spatial extent within which the mining activities will be located.
Approvals Statement	As defined in Section 103AP of the <i>Mining Act 1978</i> . An Approvals Statement is a document that, in relation to a mining lease or a miscellaneous licence, records the following information: <ul style="list-style-type: none"> • an approval given to an activity on land the subject of the mining lease or the miscellaneous licence proposed in a mining development and closure proposal; • any conditions attached to the approval; • any relevant information; • the closure outcomes included in a mining development and closure proposal relating to the mining lease or the miscellaneous licence; and • the date by which a mine closure plan for the land the subject of the mining lease or the miscellaneous licence must be lodged.
Assessment Date	Date at which the Mine Activity areas were determined, which needs to be relevant to the reporting period.
Care and Maintenance	All mining operations suspended, site being maintained and monitored.
Closure Obligations	Commitments, outcomes, criteria, conditions or obligations relating to closure that apply to the mining disturbances whether under a tenement condition, Mining Proposal, Mine Closure Plan or otherwise.
Closure Outcomes	As defined in the Mining Act – the outcomes, objectives or goals to be achieved at the completion of the decommissioning of a mine, and the rehabilitation of the land, in respect of which the tenure is granted.
Completion Criteria	Agreed standards or levels of performance that indicate the success of rehabilitation, and attainment of closure outcomes and enable an operator to determine when its liability for an area will cease. These criteria are outlined in the site Mine Closure Plan.
Disturbed	Area where vegetation has been cleared and/or topsoil or surface cover removed. Disturbed areas include those indirectly or directly altered, or where environmental conditions have been changed by mining.
Disturbance	Total area of mining activities not considered land under rehabilitation.
DMPE Closure Objective	Mining activities are rehabilitated and closed in a manner to make them physically safe to humans and animals, geo-technically stable, geo-chemically non-polluting/non-contaminating, and capable of sustaining an agreed postmining land use, with consideration for cultural values and without unacceptable liability to the State.

Term	Definition
DMPE Environmental Objectives	The related environmental objective for each environmental factor is the desired goal that, if met, will indicate that the proposed activities are not expected to have a significant impact on that factor of the environment. DMPE objectives are identified in the <i>Environmental Objectives Policy for Mining</i> .
EARS2 System	EARS2 is a DMPE online system for submitting environmental compliance reporting. EARS2 allows online lodgment and tracking of Annual Environmental Reports (AER) and Mining Rehabilitation Fund (MRF) reports.
Environmental conditions	Refers to conditions that may be imposed upon the grant of a mining tenement, or at the issue of an Approval Statement or at any subsequent time for the purpose of preventing or reducing, or making good, injury to the land in respect of which the tenement was granted, or injury to anything on or below the natural surface of that land or consequential damage to other land.
Environmental Outcome	As defined in the Mining Regulations 1981 – specific objectives and goals to be achieved while the relevant activities are carried out. Generally the acceptable level of impact that must not be exceeded, or a level of protection/performance/result that must be achieved.
'EX' Account	Account required to access departmental systems.
Land Under Rehabilitation – Stage 1	Area of Mine Activities on which all rehabilitation earthworks have been completed in accordance with mine closure obligations.
Land Under Rehabilitation – Stage 2	Area of rehabilitated Mine Activities which have demonstrated progress from earthworks (Stage 1) towards the agreed post-mining land use. Monitoring data which demonstrates rehabilitation progress must be retained to verify a Stage 2 classification.
Life of Mine	Determination of the number of years a site will mine and process ore based on various input conditions, including economic, environmental and business considerations.
Mine Activity Reference	Name given to a particular activity at the mine for ease of identification, for example "Western Waste Rock Landform" or "Tailings Storage One".
Mine Activity Type	A feature created during mining or exploration activity (e.g. waste dumps, haul roads, access roads, ROM, plant site, TSF, borrow pits, drill pads, stockpiles, office blocks, accommodation village).
Mining Environment Group (MEG)	A grouping of individual tenements for the purposes of distinguishing the operations that make up a particular project, often referred to as a mine site. Multiple Mining Environment Groups can be created within one project. Each Mining Environment Group will contain a separate set of tenements that collectively will make up all the tenements for the project. Prior to September 2025 this grouping was known as an Environmental Group Site (EGS).
Mine Closure Plan	A document defined under section 103AA, 103AN and 103AR to 103AT of the Mining Act, in the form and content as detailed in the <i>Guideline for preparing Mine Closure Plans</i> .

Term	Definition
Mining Development and Closure Proposal (MDCP)	As defined in the Mining Act and in the form and content as detailed in the <i>Guideline for preparing Mining Development and Closure Proposals</i> .
Mining Proposal	An approval document that was formerly required under the Mining Act (replaced by MDCP).
Project	The total integrated mining operations in which a number of sites contribute to the overall operation to supply ore, processing facilities and disposal of waste products.
Rehabilitation	The return of disturbed land to a safe, stable, non-polluting/non-contaminating landform in an ecologically sustainable manner that is productive and/or self-sustaining, consistent with the agreed post-mining land use(s). Rehabilitation can also include studies, trials and monitoring of trial performance that demonstrate the closure option for the site is achievable or closes knowledge gaps.
Rehabilitation obligations	Commitments, objectives, criteria, conditions or obligations relating to rehabilitation that apply to the mining disturbances whether under a tenement condition, Mining Proposal, Mine Closure Plan or otherwise.
Reporting period	For an annual report this is the twelve-month period prior to the reporting month as specified in the tenement conditions (e.g. if reporting month is June 2021, reporting period would be June 2020 to May 2021). For reports that are not required annually, the reporting period is the timeframe between a previously submitted report to the next report due date.
Tailings Storage Facility (TSF)	An area used to store and consolidate processed materials (known as tailings).
Unconditional Performance Bond (UPB)	The form of mining security required by the Minister (or their delegate). An unconditional performance bond is a guarantee issued by a financial institution in favour of the Minister that may be requested by the Minister at will. The Minister is not obligated to discharge an unconditional performance bond.
Waste rock landform	The area associated with the storage of unprocessed waste material produced by mining operations.

Appendix 1: EARS2 Help Information

Note: the following help information was prepared for use when the EARS2 was introduced around 2014 and was previously displayed within the EARS2 system. This help information has NOT been updated as part of the 2025 guideline update and therefore includes references to prior department names.

Accessing an AER

First time access

You access an AER for the first time via menu navigation, selecting [**Compliance**], [**AER**] and then [**Summary**]. The Summary screen is divided into two tables. The upper table contains current AERs awaiting completion. The lower table contains AERs which have been submitted. To access an AER from the Summary screen, click on an icon against the AER listed in the table as shown below. This will open up the AER for you to commence completion of the submission via the AER Lodgement Wizard.

Government of Western Australia
Department of Mines and Petroleum

Environmental Assessment and Regulatory System

Home My Profile Compliance Levy Administration **Go to Compliance > AER > Summary** Logout

Summary Search Compliance

Not Started / In Progress

Project Code	Project Name	Site Code	Site Name	Status	Reference ID	Due Date	Mineral
				In Progress	AER-310-103	12/2013	57
				Not Started		08/2014	15

To open/edit an AER click here

- started AER
- unstarted AER

To adjust the number of AERs per page, select from the drop down box

Page 1 of 1 20

Top table shows current AERs
Bottom table shows submitted AERs

Submitted

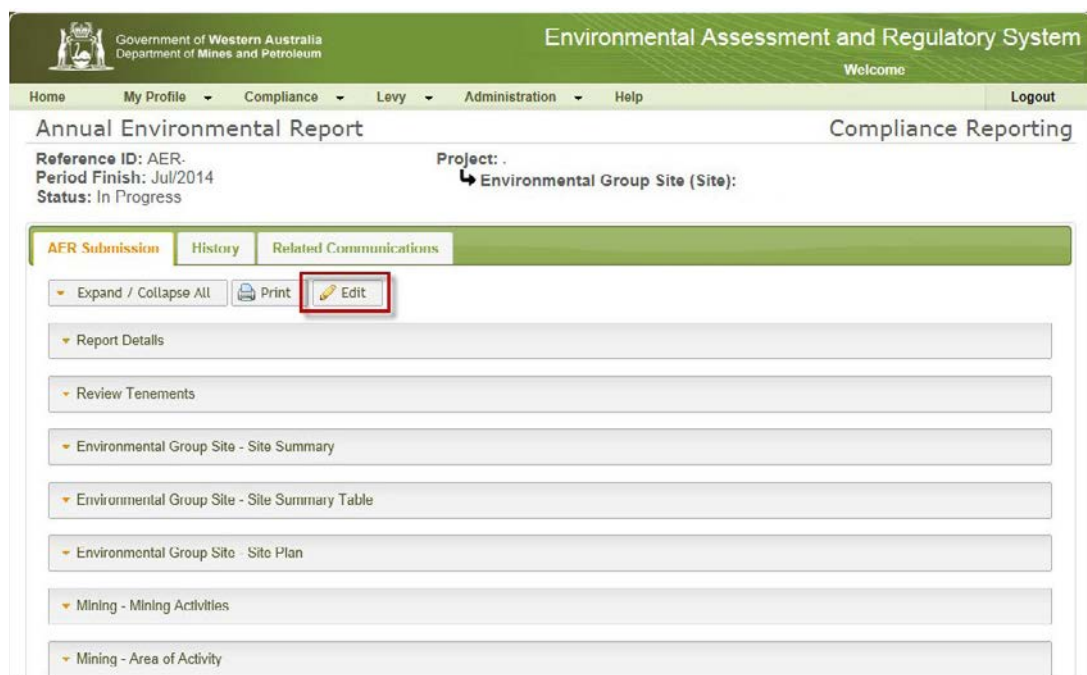
Project Code	Project Name	Site Code	Site Name	Status	Reference ID	Due Date	Mineral
				Accepted	AER-468-64	08/2013	15
				Submitted	AER-057-12	12/2012	57

Subsequent access

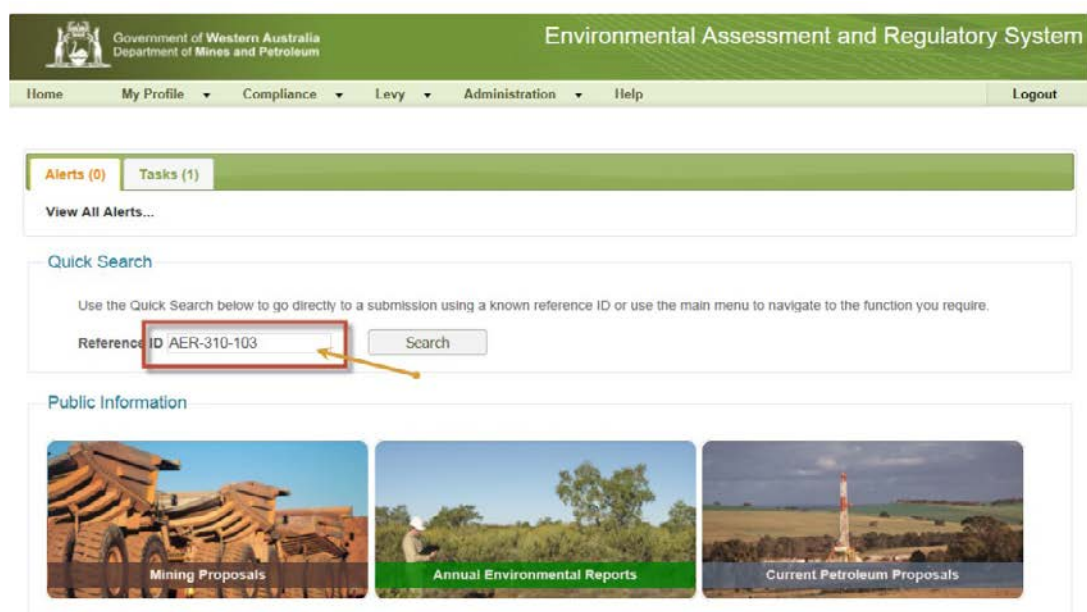
Once an AER is **in progress**, you can also access the AER via menu navigation, selecting [**Compliance**], [**AER**] and then [**Summary**] and by selecting the relevant AER.

You will be presented with the AER View Details screen from which you can view the AER.

Select the [**Edit**] button to open up the AER in edit mode so you can continue completion of the submission via the AER Lodgement Wizard.



Alternatively, you can access an AER from the **Home page** by entering the AER number into the [**Reference ID**] field. The AER number appears on the Summary screen and on the top left-hand corner within the AER once a report has commenced.



Internal access to an AER is via menu navigation, selecting **[Compliance]**, **[AER]** and then **[Summary]**.

Project Code	Project Name	Site Code	Site Name	Status	Ref
J01095	Collie / Premier	S0223076	Collie Environmental Gr	In Progress	AER-26
J01160	Rocklea Sand / Holcim	S0022951	Rocklea Group	In Progress	AER-08
J00056	Central Norseman	S0002005	Central Norseman Groc	In Progress	AER-53
J00638	Lennard Shelf / Meridia	S0018770	Lennard Shelf Group	In Progress	AER-84
J02384	Paynesville Alluvial	S0223187	Paynesville Alluvial Env	In Progress	AER-36
J01724	Turner River / Hanson	S0223136	Turner River Environme	In Progress	AER-48
J00242	Paulsens	S0223105	Paulsens Environmenta	Submitted	AER-710-586
J00744	Admiral Bay	S0230644	Admiral Bay Environme	In Progress	AER-515-500
J00847	Paraburdoo Sand and C	S0223038	Paraburdoo Sand and C	In Progress	AER-265-579
J00115	Gidgee	S0225574	Gidgee Environmental	In Progress	AER-640-578

Alternatively, you can enter the AER number if known, into the **[Reference ID]** search field on the Home Page.

Alternatively, you can enter the AER number if known, into the **[Reference ID]** search field on the Home Page.

AER view details

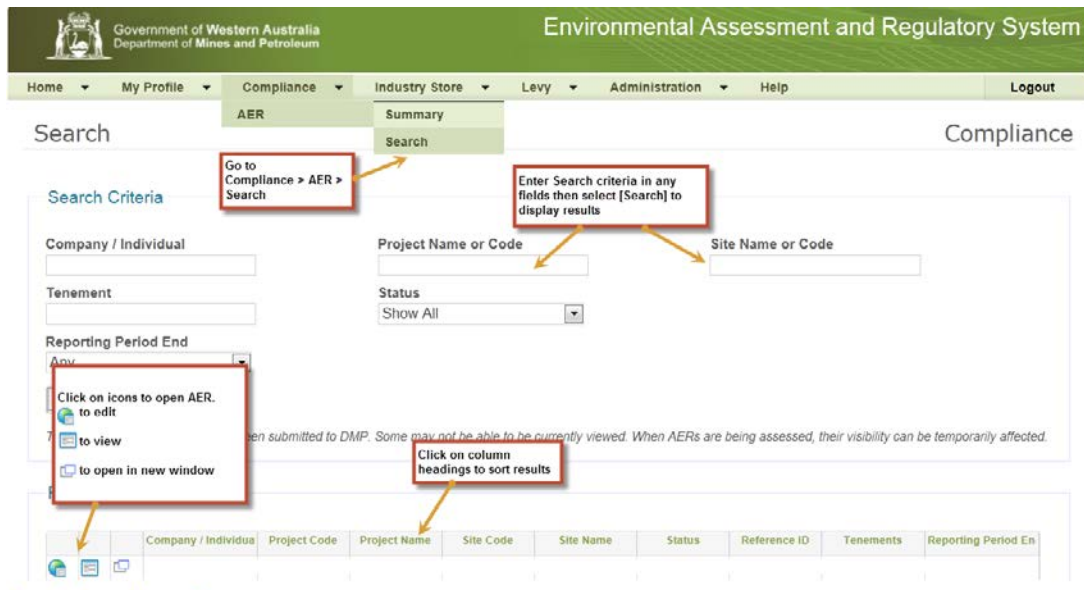
Searching for an AER

Search screen overview

The search screen allows the User to locate an AER using specific criteria, such as the project or tenement number.

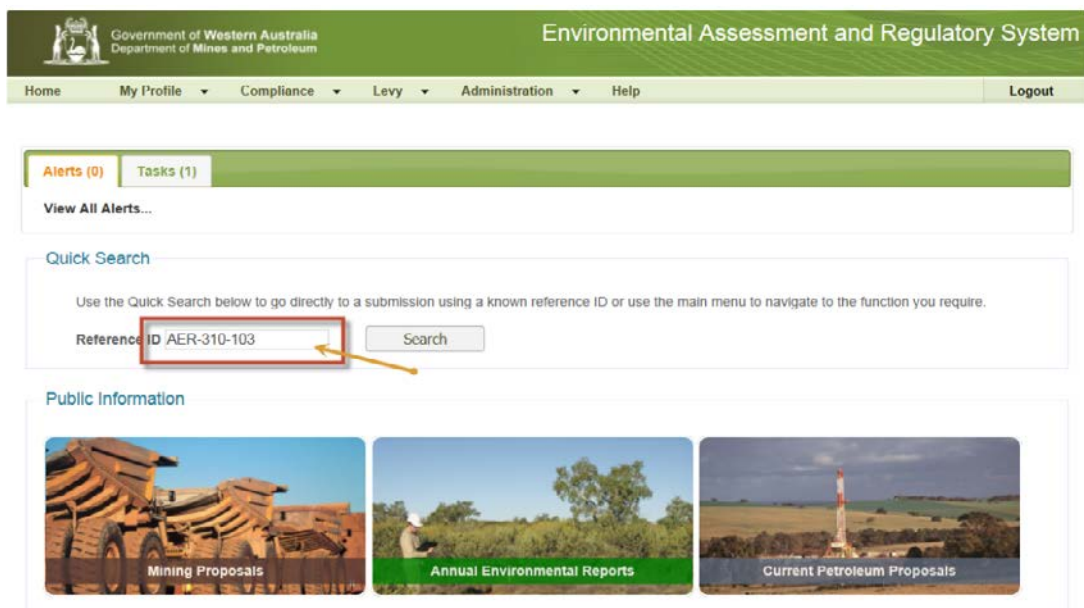
How to search for an AER

Enter the search criteria and select **[Search]**. The results will be displayed in a table in the lower part of the screen. You can sort the columns by clicking on the column headings.



Search from Home page

Alternatively, if the AER number is known, you can search for an AER from the **Home page** by entering the AER number into the **[Reference ID]** search field.



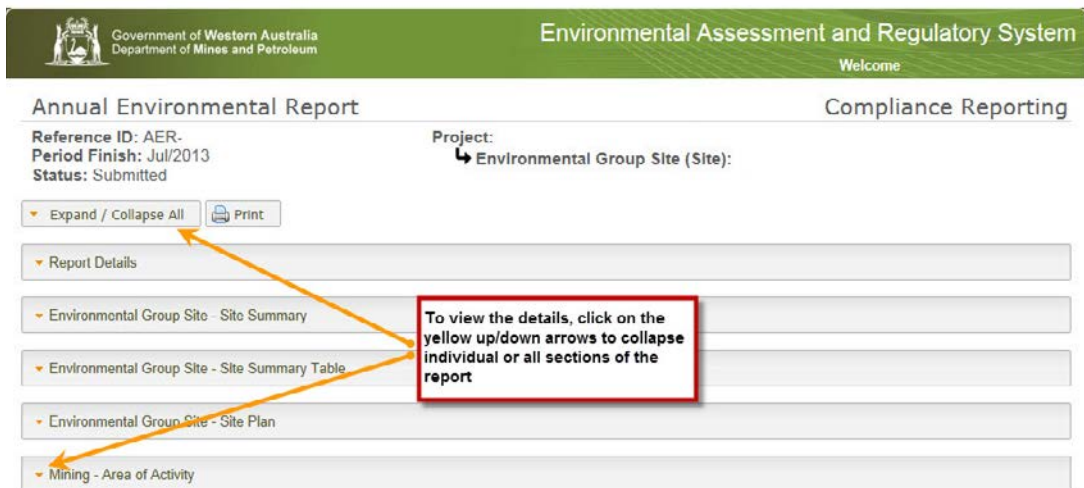
AER submission details

After selecting an AER from the Summary or Search screen, you will be presented with the AER Submission Details screen. From here, you can:

- view a submission;
- print a submission;
- open a submission for editing;
- send an email to DMPE; and
- view the history of communications.

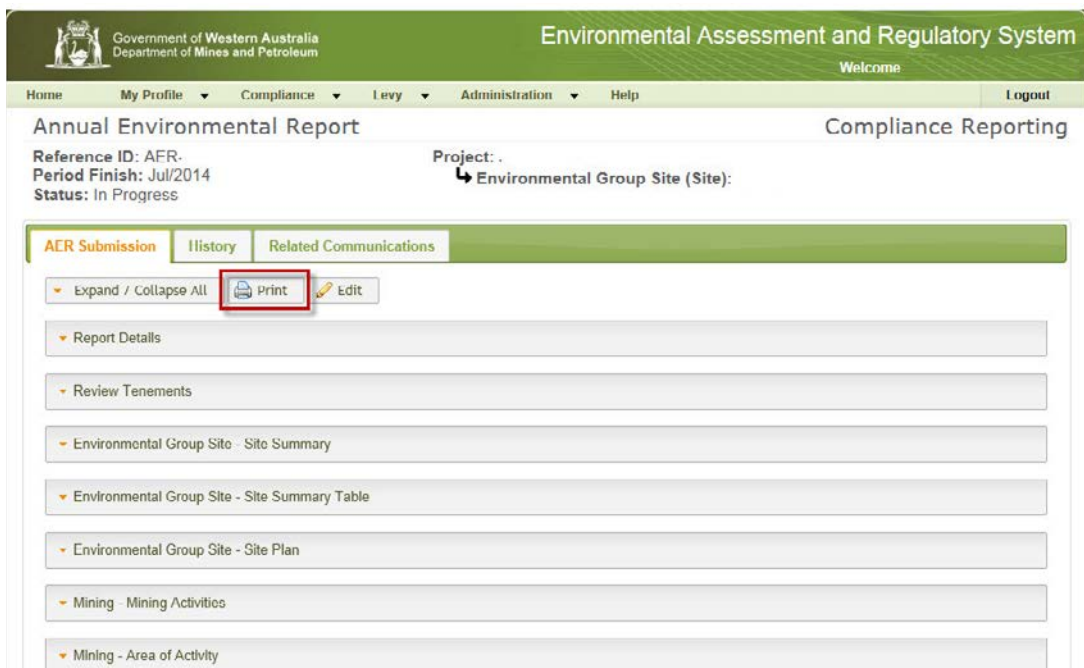
How to view a submission

To view an AER in read only mode, expand/collapse the various sections of the report as shown below.



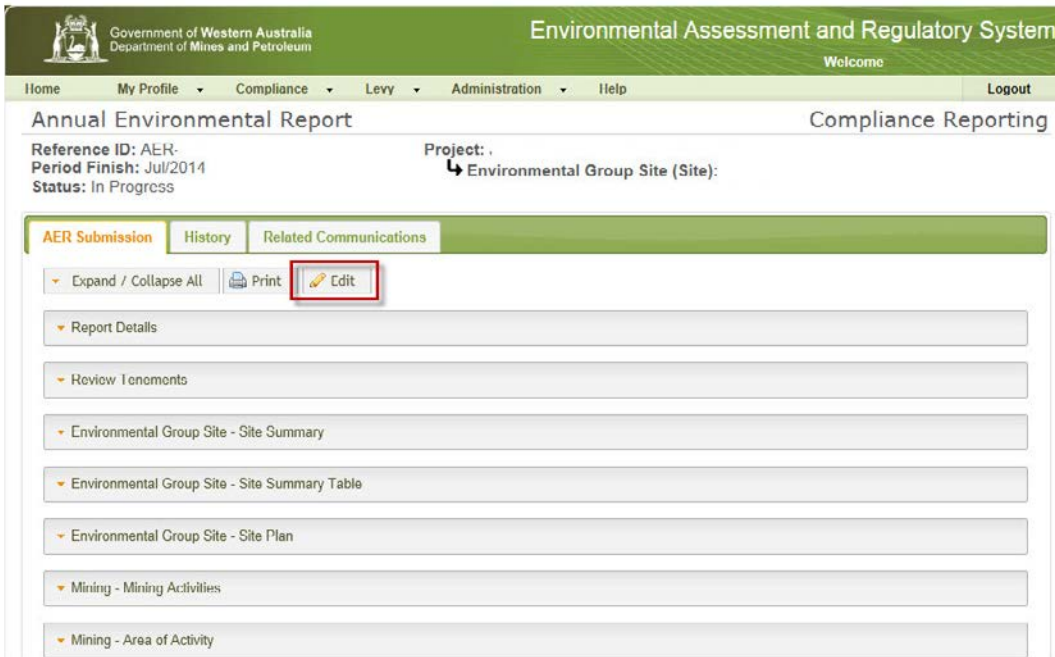
How to print a submission

To print a submission, select [Print] button.



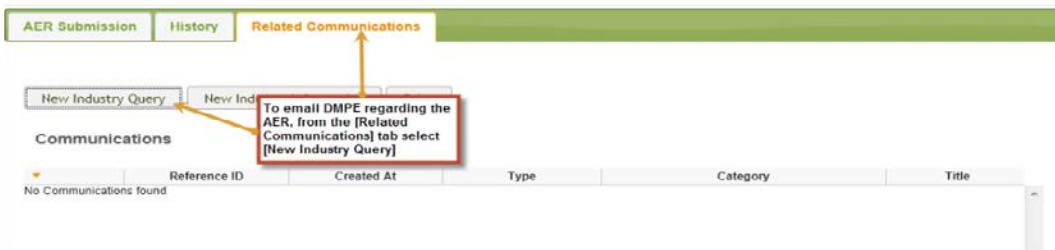
How to open a submission for editing

To open a submission for editing, select **[Edit]** button.

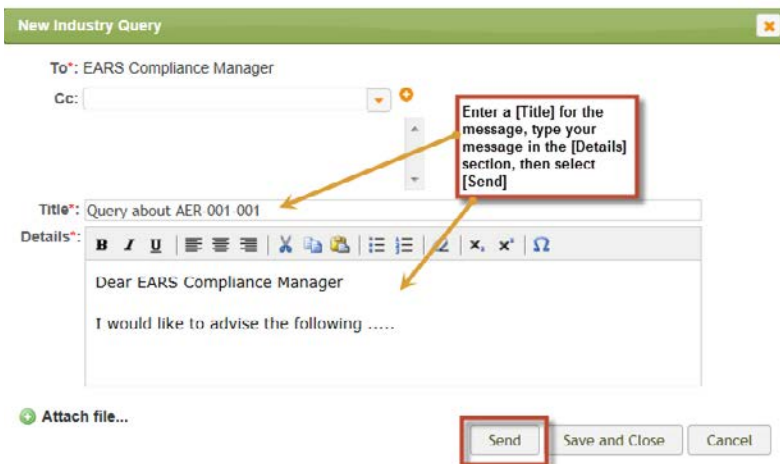


How to contact DMPE about an AER

Select the **[Related Communications]** tab, then select **[New Industry Query]**.



Enter your email message and select **[Send]**.



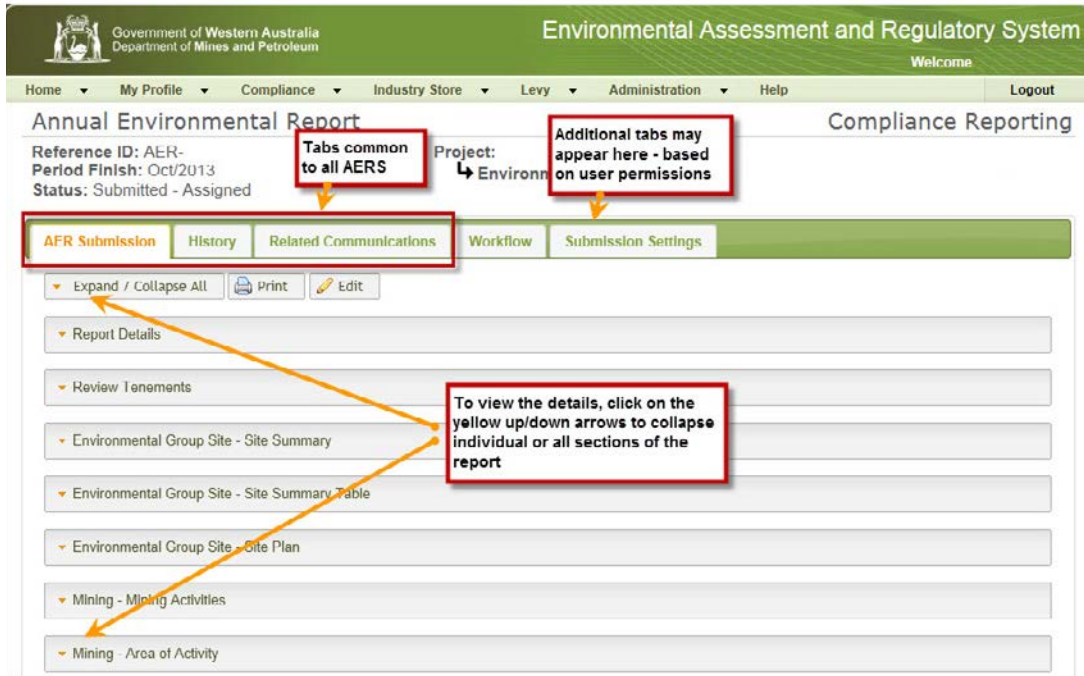
Please refer to the department’s website for details of the DMPE Environmental Officer for your region.

[Amend an AER’s Public Availability](#)

[Related Communications](#)

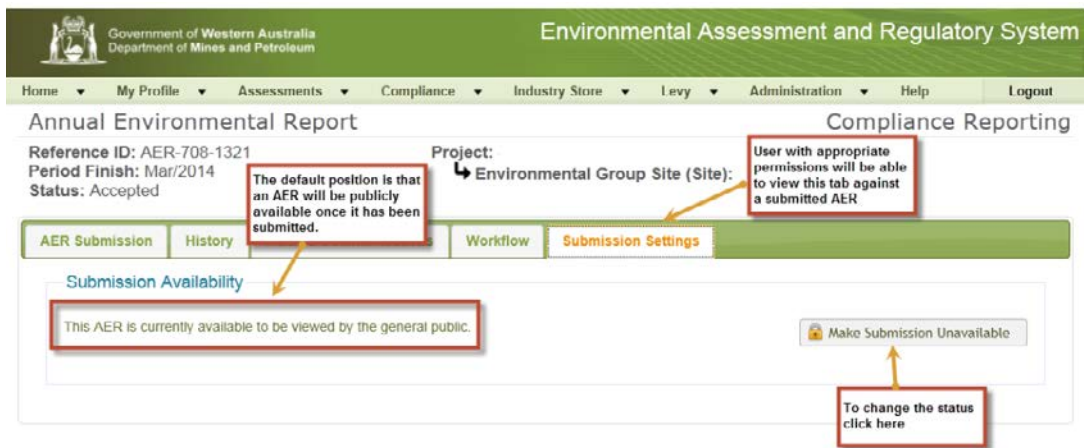
How to view a submission

To view an AER in read only mode, expand/collapse the various sections of the report as shown below. Additional tabs may be displayed here depending on the User permissions.



Amend public availability status

If a User has appropriate permissions they will be able to amend the public availability of an AER. They will be able to view the submission's current setting status via the [Submission Settings] tab, as shown below.



To change the status of an AER, select the [Make Submission Available/Unavailable] button and complete the [Details] field.

Government of Western Australia
Department of Mines and Petroleum

Environmental Assessment and Regulatory System

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Annual Environmental Report Compliance Reporting

Reference ID: AER-708-1321
Period Finish: Mar/2014
Status: Accepted

Project:
Environmental Group Site (Site):

AER Submission History Related Communications Workflow Submission Settings

Submission Availability

This AER is currently not available to be viewed by the public.

User can make a submission available once again by clicking here

Make Submission Available

Reason for Availability Change

Title*:
Reason for Edit - AER No Longer Publicly Available

Details*:

User must enter a reason why AER publicly availability status has changed

Attach file...

Send Communication To:

Begin typing a name to select a user

Selected Users:
No users selected.

User can also attach a file and send notification to another User

Related communications

The related communications function is used to facilitate communications both internal and external to DMPE. These communications are context specific so that (for example) AER related communications will appear against the relevant AER.

The communications works in two ways:

1. Automated or system generated communications – When certain actions are performed within EARS2 (e.g. an AER is submitted), the system triggers communications to relevant persons or groups of people.
2. User generated communications – where the User has a query or wishes to convey information.

There are a number of options available to the User from the **[Related Communications]** tab, such as the ability to communicate internally and externally and also an option to **[Print]** a communication.

How to read a communication

To view the detailed communication, click on the down arrow to expand the message and open up the relevant communication.

Government of Western Australia
Department of Mines and Petroleum

Environmental Assessment and Regulatory System

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Annual Environment Compliance Reporting

Reference ID: AER-708-132
Period Finish: Mar/2014
Status: Accepted

Project: Environmental Group Site (Site):

Related Communications | New Communication options

Option to filter by:
- Category
- Comm type
- Response type
- View type

New Internal Query | New Internal Information | New Industry Query | New Industry Information | Print

Filters

Created At	Type	Category
20/08/2013 9:00:06 PM	Alert	Task Closed
16/08/2013 9:00:19 PM	Reminder	Task
16/08/2013 9:00:18 PM	Reminder	Task
12/08/2013 3:42:08 PM	Information	Industry Information
12/08/2013 3:41:30 PM	Query	Industry Query
12/08/2013 3:41:00 PM	Query	Industry Query
12/08/2013 3:24:43 PM	Information	AER
12/08/2013 3:24:43 PM	Status Change	Accepted from Finalisation Required
12/08/2013 3:24:43 PM	Alert	Task Closed
12/08/2013 3:24:21 PM	Assignment	Finalisation Required from Accepted - Pending Review of Compliance

How to send a communication

You can forward communications both internally and externally to the Industry User via EARS2.

Use **New Internal Query** (and **New Internal Information**) to send an email communication and system Alert notification from the EARS Compliance Manager to other internal Users.

Use **New Industry Query** (and **New Industry Information**) to send an email communication and system Alert notification from the EARS Compliance Manager to external Industry Users.

For Industry Queries, the email address of the person who submitted the AER can be selected in the **[To:]** drop down list.

New Industry Query

To*: [Dropdown]

Cc*: [Dropdown]

Title*: [Text]

Details*: [Rich Text Editor]

From: EARS Compliance Manager
Type: Query
Category: Industry Query
View: Industry
Task:
Due Date: 1/10/2013
Reminder: Days: 1

Attach file...

Send | Save and Close | Cancel

AER Wizard

The AER Wizard assists you to navigate through the completion of the AER in steps.

You can work through the AER following each of the steps sequentially or you can complete the steps in any sequence returning to each step many times prior to submission.

As each step is completed, it is marked with a green tick.

The screenshot displays the 'Annual Environmental Report' (AER) wizard interface. At the top, it shows 'Western Australia Mines and Petroleum' and 'Environment Division'. The main header includes 'AER Wizard' and 'Compliance Reporting'. Below this, the report details are shown: Reference ID: AER-510-116, Period Finish: Jan/2014, Status: In Progress, and Project: Environmental Group Site (Site). A central list of steps is shown, with a progress bar indicating 63% completion. The steps are: Step 1 Report Details (green tick), Step 2 Review Tenements (green tick), Step 3 Environmental Group Site (yellow warning), 3.1 Site Summary (green tick), Step 9 Other Information (green tick), Step 10 Attachments Summary (green tick), Step 11 Review (yellow warning), and Step 12 Corporate Endorsement (yellow warning). A callout box points to the green ticks, stating 'As each section is completed, it is marked with a green tick'. Another callout box points to the 'Next Step' button, stating 'You can navigate through the AER by selecting Steps of the Wizard or by selecting the [Next Step] option'. At the bottom, there are buttons for 'Previous Step', 'Next Step', 'Save Form', and 'Save Form & Exit'. A 'Previous Page' link is also visible at the bottom left.

Before You Start (AER)

This page appears once only and provides general information to the User about their responsibilities. Please read the guidance text and then select **[Continue]**.

Government of Western Australia
Department of Mines and Petroleum

Environmental Assessment and Regulatory System

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Annual Environmental Report - Information

Please read the information on this page carefully and, if you have any questions, please contact the Environmental Officer for your region. Refer to the link to the Inspectorate Map below.

Before You Start - Things You Need To Know

1. Introduction

An Annual Environmental Report (AFR) is required from all mining projects conducted under the Mining Act 1978 that have the AFR condition imposed on the relevant tenements while the tenement(s) remain live. These guidelines represent the standard of environmental reporting that should be followed by all mining operations in Western Australia. The report is to be concise and provide information on areas described within the guidance notes given for each screen.

2. Objectives of the Annual Environmental Report

- To concisely document the major mining activities for the reporting year and proposed activities for the following year
- To concisely document environmental management and rehabilitation activities for the reporting year and proposed activities and developments in the following year.
- To encourage operators to conduct an environmental risk analysis of the project.
- To assist operators in monitoring their own compliance and performance.
- Encourage operators to be prepared for mine closure through reviewing the status of rehabilitation and closure planning
- To provide basic information to the Department about the extent of mining operations in the State and the standard of environmental management and closure planning being achieved.

The lodgement of an Annual Environmental Report consists of a series of steps.

Certain items are mandatory and must be completed otherwise the system will not allow you to proceed. You may backtrack to any step using the buttons to the left of the page and at the bottom of the page once you have completed a step. Please use these buttons instead of your web browser's Back/Forward buttons.

At any point in time, the application can be saved and retrieved for completing at a later date.

Please ensure that all details are correct before submitting your application as once you have lodged your application, you will not be able to modify it without contacting DMP.

NOTE: Please note that this is an application for DMP environmental acceptance only. It does not remove the need for necessary approvals from other DMP divisions or other agencies.

Step 1 Report Details (AER)

Step 1 requires the User to confirm the details displayed are correct and to enter the contact details of the person who completed the Annual Environmental Report.

Government of Western Australia
Department of Mines and Petroleum

Environmental Assessment and Regulatory System
Welcome

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Annual Environmental Report Compliance Reporting

Reference ID: AER-
Period Finish: Dec/2013
Status: In Progress

Project:
Environmental Group Site (Site):

Step 1. Report Details **This is a review screen. If any of the details are incorrect please contact DMPE. Refer to Inspectorate Map below.** (* denotes field is mandatory)

Company / Individual Details

Company / Individual Name

Site Details

Project Code Project Name

Site Code Site Name

Report Period

Period Start Period Finish

Contact

Contact Person* **Select a Contact Name from the dropdown list or select [Make Me the Contact]** Make Me The Contact

Contact Details

Username:
First Name:
Last Name:
Email:
Position:
Telephone:
Mobile:
Fax:

Step 1 Report Details ⚠

Step 2 Review Tenements ⚠

Step 3 Environmental Group Site ⚠

3.1 Site Summary ⚠

3.2 Site Summary Table ⚠

3.3 Site Plan ⚠

Step 4 Mining ⚠

4.1 Mining Activities ⚠

4.2 Area of Activity ⚠

Step 5 Compliance ⚠

5.1 Conditions ✓

5.2 Commitments ⚠

5.3 Regulatory Orders ⚠

5.4 Incidents ⚠

Step 6 Environmental Management ⚠

6.1 Environmental Monitoring ⚠

6.2 Environmental Datasheets ⚠

6.3 Improvements to Strategies ⚠

Step 7 Rehabilitation and Closure Planning ⚠

7.1 Closure Planning ⚠

7.2 Research And Trials ⚠

Step 2 Review Tenements

At this step, the User is required to review the list of tenements and report any issues to DMPE.

Annual Environmental Report **Compliance Reporting**

Reference ID: . Project: Environmental Group Site (Site):
 Period Finish: Jul/2014
 Status: Submitted (Fedit)

Step 2. Review Tenements (* denotes field is mandatory)

Guidance:
 AER lodgement requires you to report against the following list of tenements. If you believe the list of tenements is incorrect, please raise a query to advise DMP through the Related Communications. (See Help for detailed instruction on raising queries using Related Communications.)

List of Tenements:

Tenement	Tenement Holder(s)
M 15/483	
L 15/196	
M 15/282	
M 15/529	
M 15/1414	
M 15/554	
M 15/503	
M 15/552	

Review the List of tenements and report any issues to DMPE by emailing CARManager@dmpe.wa.gov.au

Step 3 Environmental Group Site (AER)

The purpose of this step is to provide a concise overview of the exploration, operational mining and rehabilitation activities undertaken during the Annual Environmental Report period and highlight the environmental achievements.

A Site Summary Table for each site must be included in this section.

An overview of any approvals gained and any compliance issues that arose during the reporting period should be listed.

A Site Plan is a key element of the report and must clearly and accurately reflect the information in the text and data included in the tables.

Step 3 Environmental Group Site ✓

3.1 Site Summary ✓

3.2 Site Summary Table ✓

3.3 Site Plan ✓

Step 3 contains 3 sections which need to be completed:

3.1 Site Summary
 3.2 Site Summary Table
 3.3 Site Plan

Step 3.1 Site Summary

Provide a concise overview of the following **for the Annual Environmental Report reporting period**:

- exploration
- operational mining commodity
- type of operation
- rehabilitation activities.

Enter the information in the **Summary Text Box** and **highlight any environmental achievements**.

An overview of any **approvals gained** and any **compliance issues** that arose during the reporting period are also to be listed.

The screenshot displays the EARS web application interface. At the top, it shows the Government of Western Australia logo and the system name 'Environmental Assessment and Regulatory System'. The navigation bar includes 'Home', 'My Profile', 'Compliance', 'Levy', 'Administration', 'Help', and 'Logout'. The main header indicates 'Annual Environmental Report' and 'Compliance Reporting'. Below this, it shows 'Reference ID: AFR-', 'Period Finish: Jul/2014', and 'Status: In Progress'. The 'Project' is identified as 'Environmental Group Site (Site)'. The current step is 'Step 3.1 Site Summary', with a note that an asterisk denotes a mandatory field. The interface is divided into several sections: 'Guidance' explaining the purpose of the site summary, 'Site Summary' with a rich text editor for entering a concise overview, and 'Attach Documents' with an 'Attach File' button and a table of existing attachments. Two red boxes with arrows point to the 'Enter a concise overview of the project here.' text and the 'Attach File' button, with corresponding text boxes explaining their functions.

You may wish to attach a file to support the information provided. You can use the **[Attach File]** button to upload any supporting documents, such as photos.

You can also authorise to make attachments available for public release.

If you do not authorise their release, you are required to provide a reason in the text box provided e.g. "material is confidential commercial information or material contains personal information to which I have privacy obligations".

Add Attachment

Description*
Enter description of attachment here

Authorised for Public Release*
Yes No

Reason Attachment is Not Authorised for Public Release*
Please be aware reasoning may be publically available
Enter reason here

+ Attach file...

OK Cancel

Step 3.2 Site Summary Table

You are required to enter information into every editable field on this screen. Any greyed out fields do not need to be completed. In some instances (e.g. related to footprint), the grey fields will be populated from information provided in other parts (e.g. Step 4.2) of the report.

Where figures are not available or not applicable, tick the checkbox and provide a reason in the associated text box.

Step 1 Report Details ✔

Step 2 Review Tenements ✔

Step 3 Environmental Group Site ⚠

3.1 Site Summary ✔

3.2 Site Summary Table ✔

3.3 Site Plan ⚠

Step 4 Mining ⚠

4.1 Mining Activities ⚠

4.2 Area of Activity ⚠

Step 5 Compliance ⚠

5.1 Conditions ⚠

5.2 Commitments ⚠

5.3 Regulatory Orders ⚠

5.4 Incidents ⚠

Step 6 Environmental Management ⚠

6.1 Environmental Monitoring ⚠

6.2 Environmental Datasheets ⚠

6.3 Improvements to Strategies ⚠

Step 7 Rehabilitation and Closure Planning ⚠

7.1 Closure Planning ⚠

7.2 Research And Trials ⚠

Step 8 Future Work Programme ⚠

Step 9 Other Information ⚠

Step 10 Attachments Summary ⚠

Step 11 Review ⚠

Step 12 Corporate Endorsement ⚠

17% Complete*

* The progress bar displays the completeness of the application in regards to steps that have been completed.

Step 3.2. Site Summary Table (* denotes field is mandatory)

Guidance

The Site Summary Table must be completed to provide a concise overview of the operations and the progress of closure planning for the Environmental Group Site.

Site Status

Current Status* Select current status from dropdown list

Year Site Commenced*

Project Commodity White fields required completion (Greyed fields are pre-populated).

Years Since Site Commenced

Estimated Life of Mine (Years)* Expected duration of mining and processing operations

Total Approved Footprint (ha)¹ Total Disturbed Footprint to Date (ha)¹

¹ Value calculated from the information supplied in Step 4.2 Area of Activity.

Materials Balance

	Total	Figure Not Available	Available	Figure Not Available	(m ³ or tonnes)	Reason Figures Are Not Available
Volume of Waste rocks:	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	Select ..	All Materials Balance sections require completion. Where figures are not available or not applicable, tick the checkbox and then enter a reason in the associated text box which appears.
Volume of Topsoil:	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	Select ..	
Volume of other Growth Medium ² :	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	Select ..	
Volume of suitable capping material:	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	Select ..	

² An alternative "growth medium" may be required where topsoil is either not naturally present in adequate volumes to address rehabilitation requirements, or was not preserved (e.g. stripped and stockpiled) prior to mining.

Bond

Current Total Bond Amount

\$850,000.00

Total bond amount calculated from tenements listed in Step 2. Review Tenements

Closure Plan

Stage* Select the Stage of Mine Closure Planning: Preliminary Operational and Decommissioning

Has a Mine Closure Plan (MCP) been Prepared and Submitted for the Site?²

Yes No

Date Submitted*

Has the Closure Plan Been Approved By Department?²

Yes No

Reason*

MINE CLOSURE PLAN (MCP)

You are required to provide information here on whether an MCP has been prepared and submitted to the Department. If an MCP has been submitted, provide details of the date submitted and whether it has been approved by DMPE.

Step 3.3 Site Plan

Step 3.3 contains guidance text which is to be read by the User.

The Site Plan must clearly and accurately reflect the information in the text and data included in the tables.

The minimum requirements for the Site Plan are:

- All operations and areas disturbed should be drawn on the plan with the scale clearly shown, with the following information:
- all tenements and their boundaries indicated;
- include topographical, mine-site infrastructure details and cadastral information;
- include areas rehabilitated to date with year completed;
- show areas disturbed during the reporting period; and
- show areas proposed for disturbance during the following reporting period.

At least one site plan must be authorised for public release.

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Annual Report Compliance Reporting

Project: Environmental Group Site (Site)

Step 3.3. Site Plan

Please read the guidance text regarding requirements for the Site Plan

Guidance

The Sites Plan(s) is a key element of the report and must clearly and accurately reflect the information in the text and data included in the tables.

The minimum requirements for the Site Plan are:-

- All operations and areas disturbed should be drawn on the plan with the scale clearly shown
- All tenements and their boundaries indicated
- Include topographical, mine-site infrastructure details and cadastral information
- Include areas rehabilitated to date with year completed. (Use the stages of rehabilitation as defined below)
- Show areas disturbed during the reporting period
- Show areas proposed for disturbance during the following reporting period

The Department's bond policy defines four stages of rehabilitation:

- Stage 1 Preliminary earthworks (landform reshaped, drainage features constructed)
- Stage 2 Completed earthworks (growth media respread, ripping, demonstrated stability under representative climatic conditions)
- Stage 3 Revegetation (native vegetation establishing but yet to demonstrate self-sustainability)
- Stage 4 Relinquished (all agreed completion criteria met)

At least one site plan must be authorised for public release. **Note the requirement for public release of at least one site plan**




Attach Site Plans

Click here to attach site plan(s)

Attach File

To attach a site plan, complete a description of the document, indicate whether the site plan is authorised for public release and click on **[Attach file]** to select the file for uploading.

Once the Site Plan has been uploaded, you can edit, open or delete it by selecting the appropriate icon.

	Authorised for Public Release	File Name	File Size	Description
  	Yes	Temporary Document.pdf	4100	Site Plan

Step 4 Mining (AER)

This section should provide a brief description of mining activities (e.g. include details of ore processed, waste removed, minerals produced, recovery rates, new developments, amendments, any changes in status of operations such as suspension), a list of tenements covered by this report and any issues encountered with methods used to overcome these.

- Step 4 Mining 
- 4.1 Mining Activities 
- 4.2 Area of Activity 

Step 4 contains 2 sections to be completed:
4.1 Mining Activities
4.2 Area of Activity

Step 4.1 Mining Activities

The section requires **specific information relating to mining activities** as outlined in the Guidance notes below.

Step 4.1 Mining Activities (* denotes field is mandatory)

Guidance

This section should provide a brief description of the mining activities (e.g. include details of ore processed, waste moved, minerals produced, recovery rates, new developments, amendments, any changes in status of operations such as suspension), and any issues encountered and methods to overcome these.

Sites that have suspended operations are required to submit a Care and Maintenance Plan under section 88 of the Mine Safety and Inspection Act 1994 (see further http://www.dmp.wa.gov.au/documents/care_and_maintenance.docx.pdf). The ongoing environmental management that is required whilst a site on Care and Maintenance needs to be reported in the AER. The Mining Activities description is to be entered into the Activities text box. The use of the Attach Documents section is optional, and should be limited to attaching supporting information only.

Mining Activities

Activities*

Materials Summary

Amount of material excavated, mined and / or treated during the reporting period:

Ore/Sand/Gravel (tonnes)*

Overburden/Waste (tonnes)*

Dry Plant Throughput (tonnes)*

Wet Plant Throughput (tonnes)*

Total:

Attach Documents

Attach File

There are no attachments to display

Once a document has been attached, you can edit, open or delete it by selecting the appropriate icon.

Attach Documents

Attach File

Authorised for Public Release	File Name	File Size	Description
Yes	Penguins.jpg	777835	Training document

Step 4.2 Area of Activity

Step 4.2 provides guidance information to be read and requires the User to record the extent of all mining related activities.

Annual Environmental Report **Compliance Reporting**

Reference ID: AER-
 Period Finish: Jul/2014
 Status: In Progress

Project: Environmental Group Site (Site):

Step 4.2. Area of Activity (* denotes field is mandatory)

Guidance

The purpose of Mine Activity Areas is to record the extent of all mining related activities associated with the Project/Environmental Group Site. Particular care should be taken with accurately recording the Mine Activity Reference (e.g. each waste dump, TSF or pit must have a name to distinguish between landforms of the same type) and the Mine Activity Type when adding a new Activity.

It is further requested that the method with which the area data has been verified (e.g. orthophotography, surveying) also needs to be specified as part of this step.

Data Verification Method

Summary*:

Enter a description of the method used for data verification eg surveying

Tenement	Assessment Date	Area Approved (ha)	Total Area of Activity (ha)		Land Under Rehabilitation (ha)			Relinquished (ha)	Disturbance (ha)
			Total Area as of current submission	Change	Stage 1	Stage 2	Total Rehab		
G	19/02/2014	No Assessment Information for this Tenement							
G	06/03/2014	2,500	1,000	0.2500	0.0000	0.2500	0.0000	0.7500	
M	20/02/2014	No Assessment Information for this Tenement							
Total		2,500	1,000	0.2500	0.0000	0.2500	0.0000	0.7500	

To add or modify Tenement Activity click the Edit icon.

Tenement Activity Table

The Tenement Activity Table allows the User to record the extent of all mining related activities. Data is entered separately against each tenement contained in the AER.

1. [How to Add a New Activity](#)
2. [How to Enter Activity Disturbance and Rehabilitation Details](#)
3. [How to Enter "No Assessment Information"](#)
4. [How To Edit or Delete an Activity](#)
5. [How to Copy Activities from a Previous AER](#)

Add a New Activity

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Annual Environmental Report
Compliance Reporting

Reference ID: AER
 Period Finish: Jul/2014
 Status: In Progress

Project:
 ↳ Environmental Group Site (Site):

Tenement Activity Table

Guidance

The Tenement Activity Table records the extent of all mining related activities for each tenement associated with the Environmental Group Site.

Particular care should be taken with accurately recording the Mine Activity Reference (eg. each waste dump, TSF or pit must have a name to distinguish between landforms of the same type) and Mine Activity Type when adding a new Activity entry.

The method with which the area data has been verified (e.g. orthophotography, surveying) also needs to be specified as part of this step.

Tenement: G

There is no assessment information to report on this tenement

[Add New Activity](#)

Mine Activity Type
Please Select ...

Mine Activity Reference

[Add New Activity](#)

Assessment Date* (* denotes field is mandatory)

No assessment information has been added

[Save Form & Exit](#)

"There is no assessment information" is to be set only when there is no activity on the tenement.

The Assessment Date is the day on which the Activity information was collected / collated.

Either select "There is no assessment information" or add activity via the Add New Activity section.

You are required to create a unique **Mine Activity Reference** which can be used throughout the AER for environmental reporting.

Please Select

- Airstrip
- Basic Raw Material Extraction - Processing equipment or stockpile associated with basic raw material extraction
- Borefield
- Borrow pit or shallow surface excavation (with a depth of less than 5 metres)
- Building (other than workshop) or camp site
- Core yard
- Dam - fresh water
- Dam - saline water or process liquor
- Diversion channel or drain
- Evaporation pond
- Exploration/Prospecting Operations - Land (other than land under rehabilitation or rehabilitated land) that has been disturbed by exploration operations
- Fuel storage facility
- Heap or vat leach facility
- Landfill site
- Laydown or hardstand area
- Low-grade ore stockpile (class 1)
- Low-grade ore stockpile (class 2)
- Mining void (with a depth of at least 5 metres) - above ground water level
- Mining void (with a depth of at least 5 metres) - below ground water level
- Plant site
- Run-of-mine pad
- Sewage pond
- Tailings or residue storage facility (class 1)
- Tailings or residue storage facility (class 2)
- Topsoil stockpile
- Transport or service road
- Waste dump or overburden stockpile (class 1)
- Waste dump or overburden stockpile (class 2)
- Workshop
- Please Select ...

Enter your name for the Activity in the free text field. Each individual landform will require a unique reference to distinguish between landforms of the same type eg each waste dump, TFS or pit must have its own unique name for identification throughout the AER.

Select a corresponding Mine Activity Type from the dropdown list.

Once the Mine Activity Type and Mine Activity Reference are supplied, Add New Activity will be enabled. Click to add the activity to the table.

Mine Activity Reference

Add New Activity

Repeat the above steps to create as many activities as required against the tenement.

Repeat the above steps to create as many activities as required against the tenement.

Enter Activity Disturbance and Rehabilitation Data

Once the **Mine Activity Reference** has been created, you are required to provide details relating to that activity. Information to be entered against the fields is shown below.

All figures to be reported in hectares between 2 to 4 decimal places as at the date the information was collected i.e. determined.

Stage 1 = Area on which all rehabilitation earthworks have been completed in accordance with closure obligations.

Relinquished = officially signed off by DMP

Disturbance = Total Area of Activity - Stage 1 - Stage 2

Mine Activity Type	Mine Activity Reference	Area Approved	Total Area of Activity (ha)		Change	Land Under Rehabilitation (ha)			Relinquished (ha)	Disturbance (ha)
			Area as of Previous reporting period	Area as of Current reporting period		Stage 1	Stage 2	Total		
Waste dump or overburden stockpile (class 1)	Pink Floyd Waste Dump East	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Approved = Total Area approved under the Mining Act 1978 per the Mining Proposal(s).

Total Area of the Activity (Includes areas disturbed and under rehabilitation).

Stage 2 = Area of rehabilitated land which has demonstrated progress towards the agreed post mining land use

Save Form & Exit

Select **[Save Form & Exit]** and you will be returned to Step 4.2 in the AER Submission which will display the totals on the tenement of the recorded activity details.

NOTE: Some of the details entered here will also be displayed at Step 3.2.

Enter “No Assessment Information”.

Tenement: L (* denotes field is mandatory)

There is no assessment information to report on this tenement Assessment Date*:

Approved Programmes of Work: Exploration and / or Programmes of Work: Prospecting¹

No records available.

*Approved applications currently stored in DMP systems. Historical hardcopy submissions may not be displayed.

Reason for No Assessment Information*

- No activities have commenced on this tenement.
- All disturbances have been completely rehabilitated. This excludes existing historical ground disturbance.

Indicate why there is No Assessment Information for this Tenement.

Select **[Save Form & Exit]** and you will be returned to Step 4.2 in the AER Submission which will display that the “No Assessment Information” option was flagged.

Edit or Delete an Activity

Tenement: G (* denotes field is mandatory)

There is no assessment information to report on this tenement Assessment Date*:

Select the calendar to change the Assessment Date

Add New Activity

Mine Activity Type: Please Select ...

Mine Activity Reference:

Click to delete an activity

Type directly into the grid to change the reported hectares

Mine Activity Type	Mine Activity Reference	Area Approved	Total Area of Activity (ha)			Land Under Rehabilitation (ha)			Relinquished (ha)	Disturbance (ha)
			Area as of Previous reporting period	Area as of Current reporting period	Change	Stage 1	Stage 2	Total		
Waste dump or overburden stockpile (class 1)	Pink Floyd Waste Dump East	2.5000	0.0000	1.0000	0.0000	0.2500	0.0000	0.2500	0.0000	0.7500
		2.5000	0.0000	1.0000	0.0000	0.2500	0.0000	0.2500	0.0000	0.7500

Note: Once an Activity has been created, the Mine Activity Type and Mine Activity Reference cannot be changed - only the disturbance and rehabilitation details recorded against it can be edited. If the Mine Activity Type and / or Mine Activity Reference are incorrect please delete the incorrect Activity and add a replacement via **[Add New Activity]**

Copy activities from a previous AER

You can copy existing activities from a previously submitted AER. The “Copy Forward” feature will only be available if the AER has been submitted and activities have been recorded for the Tenement.

If you have indicated “No Assessment Information” on a prior AER, the “Copy Forward” feature will not be available.

The “Copy Forward” can also be used to copy activities from your AER to your [Mining Rehabilitation Fund](#) (MRF) due 30 June each year. However, activities cannot be copied forward into the AER from a prior MRF.

Tenement: L (* denotes field is mandatory)

There is no assessment information to report on this tenement. Assessment Date*

Copy Previous Assessment Activities

• Please be aware that when copying forward tenement information, you will need to confirm that the information is correct before saving it.

Please Select ... Select the AER to copy forward.

Please Select ...

AER (Jul 2013) - Assessment Date: 01/07/2013

Add New Activity

Mine Activity Type
Please Select ...

Mine Activity Reference

Add New Activity

No assessment information has been added

Select the appropriate AER and click **[Load Assessment Information]**.

Copy Previous Assessment Activities

• Please be aware that when copying forward tenement information, you will need to confirm that the information is correct before saving it.

AER (Jul 2013) - Assessment Date: 01/07/2013

Once an existing AER is selected, click [Load Assessment Information] to copy across the activities.

Load Assessment Information

All Tenement Activities on the specified AER will be copied into this AER, provided the **Mine Activity Type** is still valid.

Copy Previous Assessment Activities

- You will need to remove all activity information before being allowed to copy forward from previous submissions.

Please Select ...

If you wish to copy from a different existing AER, please delete all Activity in the table below.

Blocking Errors

Blocking errors occur when the Mine Activity Type is no longer valid.

The following activities cannot be copied as the Mine Activity Type is no longer in use or not valid for this type of submission. Please add a replacement Activity for each item using the Add New Activity area below. Once the replacement Activity has been created, click Confirm below.

Confirm	Mine Activity Type	Mine Activity Reference	Area Approved	Land Under Rehabilitation (ha)			Net F (\$) Relinquished
				Area as of Current reporting period	Stage 1	Stage 2	
<input type="checkbox"/>	Waste Dump / Overburden Stockpile (Category 2)	ACDC Waste Dump (East Corner)	5.4500	3.5000	0.0000	0.0000	0.0000

To resolve, manually enter a new Activity below and then click [Confirm] in the table above. This must be done for each Activity listed in the Blocking Errors.

Add New Activity

Mine Activity Type
Please Select ...

Mine Activity Reference

Mine Activity Type	Mine Activity Reference	Area Approved	Total Area of Activity (ha)				Land Under Rehabilitation (ha)			Relinquished (ha)	Disturbance (ha)
			Area as of Previous reporting period	Area as of Current reporting period	Change	Stage 1	Stage 2	Total			
<input type="checkbox"/>	Building (other than workshop) or camp site	ACDC Main Accommodation	4.3400				0.0000	0.0000	0.0000	0.0000	0.0000
			4.3400	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Step 5 Compliance (AER)

The purpose of this section is to demonstrate a site's compliance with all environmental approvals issued under the *Mining Act 1978*, conditions and regulatory orders.

- Step 5 Compliance
- 5.1 Conditions
- 5.2 Commitments
- 5.3 Regulatory Orders
- 5.4 Incidents

Step 5 contains 4 sections to be completed:

- 5.1 Conditions
- 5.2 Commitments
- 5.3 Regulatory Orders
- 5.4 Incidents

Step 5.1 Conditions

The purpose of this Step is to demonstrate compliance with all tenement conditions.

1. How to Record Compliance for a Tenement.
2. How to Record Non-compliance for a Tenement.

Repeat one of the above actions for each relevant tenement.

How to record compliance

Compliance of conditions can be recorded in one step by selecting the checkbox **[Record 'Complied' against all conditions]**.

The screenshot displays the 'Annual Environmental Report' interface for 'Environmental Group Site (Site)'. The left sidebar shows the progress of various steps, with 'Step 5.1 Conditions' highlighted. The main content area includes a 'Guidance' section explaining the purpose of the Compliance Section and a 'Compliance Reporting' section with a checkbox for 'Record 'Complied' against all conditions'. Red callout boxes provide additional instructions: one points to the checkbox with the text 'To facilitate completion of this part of the report, a checkbox is provided so you can mark 'complied' against all conditions in one step. However, you then responsible for exception reporting of any non-compliance ie de-selecting and editing any relevant condition which has not been complied with.', another points to the 'Expand All' button with the text 'Expand to view all tenement conditions', and a third points to the 'Tenement: G' dropdown with the text 'Expand to view this tenement's conditions'.

How to record non-compliance

If the User has recorded compliance in one step (as shown above), they are then responsible for exception reporting of any non-compliance by deselecting the checkbox against any conditions where compliance has not been met.

To record non-compliance of a condition, expand the tenement so that the conditions are visible. Select the **[No]** checkbox against **Complied** and then complete the details in the highlighted fields which appear.

Tenement:

1. Survey
Complied: Yes No N/A

2. Compliance with the provisions of the Aboriginal Heritage Act, 1972 to ensure that no action is taken which would interfere with or damage any Aboriginal site.
Complied: Yes No N/A

3. All surface holes drilled for the purposes of exploration are to be capped, filled or otherwise made safe after completion.
Complied: Yes No N/A Remedial Action Completion Date

Details of Non-Compliance

Remedial Action Proposed/Taken

Step 5.2 Commitments

This step refers to commitments made in documents made under the *Mining Act 1978* (e.g. Notices of Intent, Mining Proposals, EMPs).

For example, if a commitment made in a Mining Proposal has not been met, the User would show non-compliance of the tenement condition in Step 5.1 regarding the Mining Proposal then provide details of the commitments not met in this section.

To report on commitments, use the **[Add Commitment]** button.

The screenshot shows the EARS web application interface. At the top, there is a header for the Government of Western Australia, Department of Mines and Petroleum, and the Environmental Assessment and Regulatory System. Below the header is a navigation menu with options like Home, My Profile, Compliance, Levy, Administration, Help, and Logout. The main content area is titled 'Annual Environmental Report' and 'Compliance Reporting'. It displays the Reference ID (AER-), Period Finish (Jul/2014), and Status (In Progress). The 'Project' is identified as 'Environmental Group Site (Site)'. The progress bar shows 'Step 5.2. Commitments' as the current step. The 'Guidance' section explains the purpose of the Compliance Section and provides instructions on how to report commitments. The 'Commitments' section contains an 'Add Commitment' button, which is highlighted by a red box with an arrow pointing to it from a text box that says 'Click here to Add a Commitment otherwise go to the [Next Step].'

To add a commitment, you are required to complete all fields and assign the commitment to one of the tenements from the list.

The screenshot shows a web form titled "Add Commitment" with a close button (X) in the top right corner. The form contains the following fields and annotations:

- Tenement(s)*:** A list of tenements with checkboxes. "M 15/3" is selected. An annotation box with an arrow pointing to the checkboxes contains the text: "Each commitment is to be assigned to a tenement. Select the relevant tenement checkbox then complete the details in the text boxes provided".
- Reference*:** A text input field. An annotation box with an arrow pointing to the field contains the text: "Refers to your reference for the commitment".
- Please provide details of the Commitments*:** A large text area. An annotation box with an arrow pointing to the text area contains the text: "All fields are mandatory and require completion".
- Please provide comments*:** A text input field.

At the bottom right of the form are two buttons: "Save" and "Cancel".

Select [**Save**] when completed.

If there are more commitments to add, repeat the above steps.

Step 5.3 Regulatory Orders

If you have regulatory orders to report on, you are required to enter them here.

Annual Environmental Report Compliance Reporting

Reference ID: AER-
 Period Finish: Jul/2014
 Status: In Progress

Project:
 Environmental Group Site (Site):

Step 5.3. Regulatory Orders (* denotes field is mandatory)

Guidance

The purpose of the Compliance Section is to demonstrate a site's compliance with all environmental approvals issued under the Mining Act 1978, conditions, commitments, regulatory orders (e.g. Directions to Modify) and required actions documented in DMP inspection reports.

If you have a Regulatory Order(s) to report on, answer 'Yes' to the question below, and then use the "Add Regulatory Order" button to report on each Regulatory Order.

Regulatory Orders

Are there Regulatory Orders to Report? *

Yes No

*You must attach at least one Regulatory Order.

There are no regulatory orders to display

Add Regulatory Order

Tenement(s)*:

M 52/5

Reference :*

Please provide details of the Regulatory Order :*

Please describe compliance activities undertaken in relation to this Regulatory Order :*

Once the information has been input, the details will be displayed on the screen. To add new orders, repeat the above steps.

Regulatory Orders

Are there Regulatory Orders to Report?*:
 Yes No

[Add Regulatory Order](#) *You must attach at least one Regulatory Order

Once an entry has been added, the details will be shown here

	Tenement(s)	Reference	Regulatory Order	Compliance Activities
 	L 38/1	Regulatory Order 1	Details of order here	Compliance activities undertaken include:

You can edit or delete the entry using the icons

Step 5.4 Incidents

If you have any incidents to report on, you are to enter them here.

Government of Western Australia
 Department of Mines and Petroleum

Environmental Assessment and Regulatory System
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Annual Environmental Report Compliance Reporting

Reference ID: AER-
 Period Finish: Jul/2014
 Status: In Progress

Project:
 Environmental Group Site (Site):

Step 5.4. Incidents (* denotes field is mandatory)

Guidance

The purpose of this section is to document any reportable Environmental Incidents relevant to tenement condition requirements that have occurred during the reporting period, and provide an update on the associated monitoring, environmental outcomes and system improvements to prevent reoccurrence.

If you have Incidents to report on, use the "Add Incident" button to report on each Incident.

Incident Reporting

[Add Incident](#) Click here to Add an Incident

There are no incidents to display

Attach Documents

[Attach File](#) Click here to attach any supporting documentation.

There are no attachments to display

Step 1 Report Details

Step 2 Review Tenements

Step 3 Environmental Group Site

3.1 Site Summary

3.2 Site Summary Table

3.3 Site Plan

Step 4 Mining

4.1 Mining Activities

4.2 Area of Activity

Step 5 Compliance

5.1 Conditions

5.2 Commitments

5.3 Regulatory Orders

5.4 Incidents

Step 6 Environmental Management (AER)

Select incident type from drop down list of following items:

- Dusting
- Fauna Deaths
- Hydrocarbon Spill
- Pipeline Burst
- Road Kill
- Soepage

Type: Select ... Date: [calendar icon]

Please describe the consequences arising from the incident*:

Please describe the remedial actions undertaken*:

Please describe the outcome*:

Save Cancel

Repeat the above steps if you wish to add another incident.

Step 6 covers the monitoring and interpretation of results for:

- Flora/Fauna
- Water (surface and groundwater)
- Air Quality
- Waste Management (e.g. hydrocarbons, tyres, hazardous materials, recycling).

A concise summary of the results is to be presented together with any corrective actions taken.

A concise summary of the results is to be presented together with any corrective actions taken.

Step 6	Environmental Management	✓
6.1	Environmental Monitoring	✓
6.2	Environmental Datasheets	✓
6.3	Improvements to Strategies	✓

Step 6 contains 3 sections to be completed:

- 6.1 Environmental Monitoring
- 6.2 Environmental Datasheets
- 6.3 Improvements to Strategies

Step 6.1 Environmental Monitoring

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Department of Mines and Petroleum

Environmental Assessment and Regulatory System

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Annual Environmental Report | Compliance Reporting

Reference ID: AER- | Project: Environmental Group Site (Site)
 Period Finish: Jul/2014
 Status: In Progress

Step 6.1 Environmental Monitoring (* denotes field is mandatory)

Guidance

This step covers the monitoring and interpretation of results for :

- Flora / Fauna
- Water (surface and groundwater)
- Air Quality
- Waste Management (e.g. hydrocarbons, tyres, hazardous materials, recycling etc.)

A concise summary of results should be presented together with corrective actions taken. Any improvements made to the site environmental management strategies, education and training should also be documented in this section.

Monitoring

Add Monitoring **Click here to Add Monitoring**

There are no monitoring types to display

Attach File

There are no attachments to display

Other Agency Reporting

Add Report **Relevant reports submitted to other agencies should be attached here.**

There are no reports to display

Attach Documents

Attach File

There are no attachments to display

Select the Type of monitoring from the drop down.

All fields in this window are mandatory - requiring completion

Select the corresponding Monitoring from the drop down.

If you select 'Other' in Type it will give you an option to add what the other is in a textbox.

Repeat the above steps if you wish to add other monitoring.

Add Report

Agency*
Select ...

Date (Month)*
Select ...

Data*
Select ...

Report Topic*

Report Period (Months)*

Complete all the data in the Add Report window

Save Cancel

Repeat the above steps if you wish to add other agency reporting.

Step 6.2 Environmental Datasheets

Government of Western Australia
Department of Mines and Petroleum

Environmental Assessment and Regulatory System

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Annual Environmental Report Compliance Reporting

Reference ID: AFR-
Period Finish: Jul/2014
Status: In Progress

Project:
Environmental Group Site (Site)

Step 6.2. Environmental Datasheets

The Waste Dumps and Tailings Storage Facilities (TSF) are prepopulated from the information provided in step 4.2 "Area of Activity". If a Waste Dump or TSF is missing, please add the missing activity in step 4.2.

Guidance

Data sheets are required for all Waste Dumps and Tailings Storage Facilities. The purpose of the data sheets is to confirm the design and management criteria for each waste dump / tailing storage facility to ensure long term stability and successful rehabilitation.

The Waste Dumps and Tailings Storage Facilities recorded in the Tenement Activity Table are listed on this screen by Mine Activity Reference. If the list of disturbances on this page appears incorrect, then the Tenement Activity Table step should be reviewed, and any necessary changes made to the list of disturbances on that screen.

Waste Dump Data Sheets

Waste Dump	Tenements	Footprint (ha)	Data Sheet Complete
Pink Floyd Waste Dump East	G	0.75	No
ACDC Waste Dump (East Corner)	L	3.5	No

Click to edit the data sheets for Waste Dumps and Tailings Storage Facilities

Tailings Storage Facility Data Sheets

Tailings Storage	Tenements	Footprint (ha)	Data Sheet Complete
ACDC Tailing Storage	L	2	No

Waste Dump Data Sheets

Government of Western Australia
Department of Mines and Petroleum

Environmental Assessment and Regulatory System
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Home My Profile Compliance Administration Help Logout

Annual Environmental Report Compliance Reporting
Reference ID: AER-014-171 Project: J04277 Future Mines Project
Period Finish: Oct/2012 Environmental Group Site (Site): 30229704 Future Mines Environmental Group
Status: In Progress

Editing Waste Dump: 998 Collapse All Expand All

- Waste Dump Plans & Photos
- Compliance
- Design
- Erosion Management
- Rehabilitation
- Monitoring

Save Save & Close Cancel

To expand all the files click on Expand All

Department of Mines and Petroleum

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Annual Environmental Report Compliance Reporting
Reference ID: AER-014-171 Project: J04277 Future Mines Project
Period Finish: Oct/2012 Environmental Group Site (Site): 30229704 Future Mines Environmental Group
Status: In Progress

Editing Waste Dump: 998 Collapse All Expand All

Waste Dump Plans & Photos

Guidance
Please attach a plan of the Waste Dump. The Plan should include the photo points and direction of photos attached to this data sheet as well as specific dump features such as:
Encapsulation cells, rehabilitation trials and other relevant features as detailed in the Design Section of this Datasheet.
Please also attach a representative photo(s) of this Waste Dump.

Attach Plans
Attach File *You must attach at least one waste dump plan.
There are no attachments to display

Representative Waste Dump Photo(s)
Attach File *You must attach at least one waste dump photo.
There are no attachments to display

Notes (if relevant)

Add Attachment
Description*
Authorized for Public Release*
Yes (Y) No (N)
Reason Attachment is Not Authorized for Public Release*
Please be aware reasoning may be publicly available.
Attach File...
OK Cancel

You may wish to retain the confidentiality of some documents forming part of your annual environmental report by specifying that you do not authorise their publication. Reasons for not authorising publication might include that the material is confidential commercial information, that it contains personal information in relation to which you have privacy obligations, or similar.

Attach Plans

Attach Photo(s)
Orientation is landscape or portrait

Complete all details

Compliance

Guidance
Please indicate if the landform has been constructed in accordance with the approved mining proposal. If not, you will be required to detail and explain any alterations.

Compliance
Landform Constructed As Approved*
 Yes No

Attach Compliance Documents

 There are no attachments to display

Please complete the details

Attach file

You may wish to retain the confidentiality of some documents forming part of your annual environmental report by specifying that you do not authorise their publication. Reasons for not authorising publication might include that the material is confidential commercial information, that it contains personal information in relation to which you have privacy obligations, or similar.

Add Attachment

Description*

Authorised for Public Release*
 Yes (Y) No (N)

Reason Attachment is Not Authorised for Public Release*
 Please to ensure reasons may be submitted available

Design

Guidance
Please provide the required design information for the Waste Dump

Construction
 Year of Construction* Year of Completion (earthworks)
 Landform Footprint (ha)
 Waste Rock Mineralogy (types)*

Hostile Material
 Hostile Materials Present? Yes No

Complete the details

Please complete all details

Add Hostile Material

Hostile Material*

Unit*

Volume*

% per Total Landform Volume*

Design Details
 Please include details of all measures designed to a
 Design Limitations / Constraints*

Design And Specifications*

Detail Management Of All Hostile Materials*

Detail Rehabilitation Trial(s) Results*

Attach Design Documents

 There are no attachments to display

The screenshot shows the 'Erosion Management' interface. It includes sections for 'Guidance', 'Erosion control and water management features', 'Erosion', and 'Attach Erosion Documents'. Annotations with arrows point to various elements:

- Guidance:** A callout box says 'Please complete all details'.
- Erosion Section:**
 - An arrow points to the 'Add Erosion Entry' button with the callout 'Click on Add Erosion Entry'.
 - An arrow points to the 'Add Erosion' dialog box, which has fields for 'Type*' (Gullying), 'Cause*' (Water), and 'Severity*' (6). A callout box says 'Please enter the severity. The image below shows the type of erosion that would be classified as a 6.' Below this is a photograph of a gully in a red soil landscape.
 - An arrow points to the 'Attach File' button with the callout 'Click on Attach File'.
- Attach Erosion Documents Section:**
 - An arrow points to the 'Add Attachment' dialog box, which has a 'Reason Attachment is Not Authorised for Public Release*' field. A callout box with a lightbulb icon says 'You may wish to retain the confidentiality of some documents forming part of your annual environmental report by specifying that you do not authorise their publication. Reasons for not authorising publication might include that the material is confidential commercial information, that it contains personal information in relation to which you have privacy obligations, or similar.'

Rehabilitation

Guidance
Please provide the required Rehabilitation information for the Waste Dump.

Progressive Rehabilitation

Year Rehabilitation Commenced* Year Completed
 Percentage Rehabilitated* Completed During Reporting Period (Y/N)*
 Surface Material Type** Topsoil Replaced* Yes No
 Progressive Rehabilitation Conducted*

Weeds

Weeds Present* Yes No
 Weed Control Measures*

Rehabilitation Limitations

Rehabilitation Limitations
(e.g. Soil Chemistry, Weeds, Pathogens, Grazing, Lack of Topsoil, Lack of Seed)

Addressing Limitations

Measures Addressing Rehabilitation Limitations

Attach Rehabilitation Documents

Attach File

There are no attachments to display.

Add Attachment

Description*

Authorised for Public Release* Yes No

Reason Attachment is Not Authorised for Public Release*

Save Cancel

Please complete all details

You may wish to retain the confidentiality of some documents forming part of your annual environmental report by specifying that you do not authorise their publication. Reasons for not authorising publication might include that the material is confidential commercial information, that it contains personal information in relation to which you have privacy obligations, or similar.

Monitoring

Guidance
Please provide details on the types and frequency of monitoring occurring on the Waste Dump.
NOTE: Monitoring of rehabilitation is necessary to demonstrate the agreed completion criteria have been achieved, which will aid in the relinquishment process.

Monitoring

Monitoring Systems In Place* Yes No
 Analogue/Comparison Sites Identified And Monitored* Yes No
 Add Monitoring Type *You must specify the Monitoring System.
 There are no monitoring types to display.

Add Monitoring Type

Type*

Frequency & Comments*

Save Cancel

Select Type (this list is not exhaustive)

Add frequency and comments

Internal Content for Waste Dump Datasheets

Tailing Storage Facility (TSF) datasheets

Tailing Storage Facility (TSF) datasheets

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Department of Mines and Petroleum
Environmental Assessment and Regulatory System
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Annual Environmental Report Compliance Reporting
Reference ID: ACR-014-171 Project: 04277 Future Mines Project
Period Finish: Oct/2012 Environmental Group Site (Site): S0229704 Future Mines Environmental Group
Status: In Progress

Editing Tailings Storage Facility: T01 Collapse All Expand All

- Design
- Management
- Rehabilitation
- Monitoring

Save Save & Close Cancel

Click on Expand All

Design

Guidance:
Please provide details on the types and frequency of monitoring occurring on the Tailings Storage Facility.
NOTE: Monitoring of rehabilitation is necessary to demonstrate the agreed completion criteria have been achieved, which will aid in the relinquishment process.

Storage Type:
Type of Storage: Select ...
Other:
Lined: Yes No

Construction:
Engineering / Design By:
Construction By:

Location and Site Plan
Northing (GDA94) co-ordinate of TFS Centre (m):
Easting (GDA94) co-ordinate of TFS Centre (m):
Catchment Area (km²):

Please complete all details

Design and Operation

Annual material storage rate (tonnes of solid per annum)

Hazard Rating
 High

Storage Category
 Select ...

Year deposition started Year deposition completed

Ore processing method

Height above ground (m) Expected Maximum Height above ground (m)

Impoundment Area (ha) Expected Maximum Impoundment Area (ha)

Impoundment volume (m³) Expected Maximum Impoundment Volume (m³)

Foundation material
 Select ...

Construction Method
 Select ...

Starter Bund Construction Materials

Other

Pit Name for In Pit

Water Quality

Tailings Slurry

TDS (mg/L) Solids Content (%) Potentially hazardous chemicals

Cyanide Concentration

Discharge	WAD (mg/L) <input type="text"/>	Total (mg/L) <input type="text"/>	pH <input type="text"/>
Decant / Return	WAD (mg/L) <input type="text"/>	Total (mg/L) <input type="text"/>	pH <input type="text"/>

Attach Plans & Documents:

There are no attachments to display

Add Attachment

Description*

Authorized for Public Release*
 Yes No

Reason Attachment is Not Authorized for Public Release*
 Please be aware recording may be publicly available.

Please complete all details

You may wish to retain the confidentiality of some documents forming part of your annual environmental report by specifying that you do not authorise their publication. Reasons for not authorising publication might include that the material is confidential commercial information, that it contains personal information in relation to which you have privacy obligations, or similar.

Management

Last Geotechnical Review:

Month / Year*: Consultant or Company*:

Discharge:

Discharge Method*: Other*:

Central

Are pipelines fitted with an automatic shutdown system? Yes No

Detail other systems in place to prevent uncontrolled discharge of tailings/slurry waste*

Water Recovery and Return:

Water Recovery and Return System*: Other*:

Central Decant

Management:

Incident Reporting* Yes No

Frequency of Inspections*:

Faults injury/mortality records maintained* (any faults/records need to be reported in Section 4.4 of the AER) Yes No

Attach Documents:

There are no attachments to display

This section is to demonstrate that monitoring and reporting procedures are implemented.

Details regarding individual incidents should be reported in section 5.4 of the AER.

Add Attachment

Description*

Authorised for Public Release* Yes No

Reason Attachment is Not Authorised for Public Release*

You may wish to retain the confidentiality of some documents forming part of your annual environmental report by specifying that you do not authorise their publication. Reasons for not authorising publication might include that the material is confidential commercial information, that it contains personal information in relation to which you have privacy obligations, or similar.

Rehabilitation

Guidance:

Please provide details of rehabilitation design (surface closure strategy) and any rehabilitation trials being conducted.

Progressive Rehabilitation:

Progressive Rehabilitation Conducted*

Attach Documents:

There are no attachments to display

Add Attachment

Description*

Authorised for Public Release* Yes No

Reason Attachment is Not Authorised for Public Release*

You may wish to retain the confidentiality of some documents forming part of your annual environmental report by specifying that you do not authorise their publication. Reasons for not authorising publication might include that the material is confidential commercial information, that it contains personal information in relation to which you have privacy obligations, or similar.

Step 6.3 Improvements to Strategies

Government of Western Australia
Department of Mines and Petroleum

Environmental Assessment and Regulatory System

Welcome

Home My Profile Compliance Levy Administration Help Logout

Annual Environmental Report Compliance Reporting

Reference ID: AER-
Period Finish: Jul/2014
Status: In Progress

Project:
Environmental Group Site (Site):

Step 6.3. Improvements to Strategies **Please complete all details** (* denotes field is mandatory)

Step 1 Report Details ✓
Step 2 Review Tenements ✓
Step 3 Environmental Group Site ✓
3.1 Site Summary ✓
3.2 Site Summary Table ✓
3.3 Site Plan ✓
Step 4 Mining ✓
4.1 Mining Activities ✓
4.2 Area of Activity ✓
Step 5 Compliance ✓
5.1 Conditions ✓
5.2 Commitments ✓

Guidance

Please provide details regarding any improvements to Environmental Management Strategies made during the reporting period.

Improvements to Environmental Management Strategies

Improvements made to Environmental Management Strategies*

Attach Documents

Attach File

There are no attachments to display

Add Attachment

Description*

Authorised for Public Release*
Yes No

Reason Attachment is Not Authorised for Public Release*
Please be aware reasoning may be publically available

Attach file...

OK Cancel

You may wish to retain the confidentiality of some documents forming part of your submission by specifying that you do not authorise their publication. Reasons for not authorising publication might include that the material is confidential commercial information, that is contains personal information in relation to which you have privacy obligations, or similar.

Step 7 Rehabilitation and Closure Planning (AER)

Step 7 Rehabilitation and Closure Planning 

7.1 Closure Planning 

7.2 Research And Trials 

Rehabilitation and Closure Planning is a virtual grouping of Closure Planning and Research and Trials.

When a user clicks on this step, the user is defaulted to the first substep Closure Planning.

Step 7.1 Closure Planning

Government of Western Australia
Department of Mines and Petroleum

Environmental Assessment and Regulatory System
Welcome

Home My Profile Compliance Levy Administration Help Logout

Annual Environmental Report Compliance Reporting

Reference ID: AER-
Period Finish: Jul/2014
Status: In Progress

Project:
Environmental Group Site (Site):

Step 7.1: Closure Planning (* denotes field is mandatory)

Guidance

The joint DMP/EPA Guidelines for Preparing Mine Closure Plans (2011) describes the requirements for mine closure planning in Western Australia. A copy of the Closure Plan is not required to be submitted with the AER, only an update on the closure planning occurring on site is required.

The following information is required to be included in the AER:

- Changes to the operation since the last AER that will affect closure (for example increased disturbance footprints, results of trials or studies aimed at closing knowledge gaps).
- Any consultation with stakeholders regarding mine closure.
- Progress towards finalising completion criteria (development of completion criteria provides direction and focus for research and trials). Note: Actual completion criteria do not need to be provided in the AER.

Summary of Closure Planning


Summary*

Attach Documents

Attach File

There are no attachments to display

Complete Summary and attach supporting documentation.

Add Attachment 

Description*

Authorised for Public Release*

Yes No

Reason Attachment is Not Authorised for Public Release*
Please be aware reasoning may be publically available.

Attach file...

You may wish to retain the confidentiality of some documents forming part of your submission by specifying that you do not authorise their publication. Reasons for not authorising publication might include that the material is confidential commercial information, that is contains personal information in relation to which you have privacy obligations, or similar.

OK Cancel

Step 7.2 Research and Trials

Government of Western Australia
Department of Mines and Petroleum

Environmental Assessment and Regulatory System

Welcome

Home My Profile Compliance Levy Administration Help Logout

Annual Environmental Report Compliance Reporting

Reference ID: AER-
Period Finish: Jul/2014
Status: In Progress

Project:
Environmental Group Site (Site):

Step 7.2. Research And Trials (* denotes field is mandatory)

Guidance

The AFIR needs to describe the research and experimentation proposed and/or in place to address the knowledge gaps for mine closure planning at your particular site. A brief summary of what has been carried out, the methods used and the results need to be included. A concise interpretation of the results should be presented (may include graphs highlighting trends in vegetation cover) rather than presenting tables of raw data.

The description of the Research and Trials is to be entered into the Summary text box. The use of the Attach Documents section is optional, and should be limited to attaching supporting information only. When detailing rehabilitation trials in the AER, information on how the rehabilitation success was monitored and the monitoring period should be included. Comparisons to baseline/analogue information or control plots are recommended. Ensure that adequate time for monitoring has been factored in to meet closure commitments. Photographs of the rehabilitation trials are essential and should be included in the AER.

Summary of Research & Trials

Summary*

Attach Documents

Attach File

There are no attachments to display

Complete Summary and attach supporting documentation.

Add Attachment

Description*

Authorised for Public Release*
Yes No

Reason Attachment is Not Authorised for Public Release*
Please be aware reasoning may be publically available.

Attach file...

OK Cancel

You may wish to retain the confidentiality of some documents forming part of your submission by specifying that you do not authorise their publication. Reasons for not authorising publication might include that the material is confidential commercial information, that is contains personal information in relation to which you have privacy obligations, or similar.

Step 8 Future Works Program

Government of Western Australia
Department of Mines and Petroleum

Environmental Assessment and Regulatory System

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Annual Environmental Report Compliance Reporting

Reference ID: AER-
Period Finish: Jul/2014
Status: In Progress

Project:
↳ Environmental Group Site (Site):

Step 8. Future Work Programme (* denotes field is mandatory)

Step 1 Report Details ✓
Step 2 Review Tenements ✓
Step 3 Environmental Group Site ✓
3.1 Site Summary ✓
3.2 Site Summary Table ✓
3.3 Site Plan ✓
Step 4 Mining ✓
4.1 Mining Activities ✓
4.2 Area of Activity ✓
Step 5 Compliance ✓
5.1 Conditions ✓
5.2 Commitments ✓
5.3 Regulatory Orders ✓

Guidance

Provide a description of the mining, environmental management and rehabilitation proposed for the following year. Describe in broad terms any upcoming expansion of operations that will need to seek approval, research or development projects, or the introduction of new techniques.

The description of the Future Work Programme is to be entered into the Summary text box. The use of the Attach Documents section is optional, and should be limited to attaching supporting information only.

Summary of Future Work Programme

Summary*

Attach Documents

Attach File

There are no attachments to display

Complete Summary and attach supporting documentation.

Add Attachment

Description*

Authorised for Public Release*
Yes No

Reason Attachment is Not Authorised for Public Release*
Please be aware reasoning may be publically available

Attach file...

You may wish to retain the confidentiality of some documents forming part of your submission by specifying that you do not authorise their publication. Reasons for not authorising publication might include that the material is confidential commercial information, that is contains personal information in relation to which you have privacy obligations, or similar.

OK Cancel

Step 9. Other Information

Government of Western Australia
Department of Mines and Petroleum

Environmental Assessment and Regulatory System

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Annual Environmental Report Compliance Reporting

Reference ID: AER-
Period Finish: Jul/2014
Status: In Progress

Project:
Environmental Group Site (Site):

Step 9. Other Information (* denotes field is mandatory)

Guidance

Any additional information relevant to the operation is to be appended to the ACR on this page. A summary of the Other Information supplied is to be entered into the Information text box. The use of the Attach Documents section is optional, but can be used to attach supporting information, such as colour photographs and/or aerial photography, which can provide an excellent time record of the operation and need to be included if available

Other Information

Information

Attach Documents

Attach File

There are no attachments to display

Complete Other Information, if any, and attach supporting documentation, if appropriate.

Add Attachment

Description*

Authorised for Public Release*

Yes No

Reason Attachment is Not Authorised for Public Release*
Please be aware reasoning may be publically available

Attach file...

You may wish to retain the confidentiality of some documents forming part of your submission by specifying that you do not authorise their publication. Reasons for not authorising publication might include that the material is confidential commercial information, that it contains personal information in relation to which you have privacy obligations, or similar.

OK Cancel

Step 10 Attachment Summary

Annual Environmental Report Compliance Reporting

Reference ID: AER-
Period Finish: Jul/2014
Status: In Progress

Project: Environmental Group Site (Site):

Step 10. Attachments Summary

This section lists all of the attachments that have been added throughout the AER. field is mandatory

Step	Section	Description	Authorised for Public Release	File Name	File Size	Date
Site Summary	Attach Documents	Description of Attachment	Yes	Chrysanthemum.jpg	879394	28/02/2014 9:58:07 AM
Site Plan	Attach Documents	fs	Yes	Desert.jpg	845941	06/03/2014 9:50:22 AM
Datasheet - Waste Dump Pink Floyd Waste Dump East	Attach Plans	dddddddddddddddd	Yes	llydrangeas.jpg	595284	10/03/2014 10:55:43 AM
Datasheet - Waste Dump Pink Floyd Waste Dump East	Representative Waste Dump Photo (s)	dddddddddddddddd	No	Jellyfish.jpg	775702	10/03/2014 10:55:43 AM
Datasheet - Waste Dump ACDC Waste Dump (East Corner)	Attach Plans	dddddddddddddddd	No	Desert.jpg	845941	10/03/2014 10:54:28 AM
Datasheet - Waste Dump ACDC Waste Dump (East Corner)	Representative Waste Dump Photo (s)	ddddddd	No	Jellyfish.jpg	775702	10/03/2014 10:54:28 AM

Step 11 Review

Annual Environmental Report Compliance Reporting

Reference ID: AER-
Period Finish: Jul/2014
Status: In Progress

Project: Environmental Group Site (Site):

Step 11. Review

This screen gives details of information that is still required to complete the AER. (* denotes field is mandatory)

Review and Submit

Please review ALL items before submitting this AER. Once the AER has been submitted, NO details may be changed without contacting DMP

Any issues listed below need to be resolved before the assessment information can be submitted. Click on the relevant step to correct the details.

Closure Planning

- (Error): 'Summary' cannot be blank

Research And Trials

- (Error): 'Summary' cannot be blank

Future Work Programme

- (Error): 'Summary' cannot be blank

Internal comment for Review

Step 12 Corporate Endorsement

Annual Environmental Report Compliance Reporting

Reference ID: AER-
Period Finish: Jul/2014
Status: In Progress

Project:
↳ Environmental Group Site (Site):

Step 12. Corporate Endorsement (*) denotes field is mandatory

Guidance

To ensure your AER meets the requirements of the AER guidelines, the following checklist is required to be completed, and the AER is to be corporately endorsed by a Senior position within the operating company (eg the Registered Mine Manager).
To corporately endorse the AER, the user needs to be assigned the status of "Corporate Endorser" within the EARS system.

Message

In order to give Corporate Endorsement to this AER Lodgement, the following conditions must be true:

- The Review step of the AER Lodgement Wizard must not contain any error messages
- You must have been given the Corporate Endorser Role by your Company Administrator

Check List

To ensure your AER meets the requirements of these guidelines, the following checklist is required to be completed:

- Required content described in guidelines has been presented*:
- Site Summary Table is included for each site*:
- Accurate, detailed, well labelled site map is included*:
- Accurate, mining activity areas provided for each tenement*:
- Data sheets for each landform within the project have been included*:
- Append audit of approvals, conditions and regulatory orders*:

Corporate Endorsement

By Submitting this Annual Environmental Report, the Corporate Endorser, is certifying that to the best of their knowledge, the information within this Annual Environmental Report is true and correct and addresses all the requirements of the Guidelines approved by the Director General, Department of Mines and Petroleum.

To support the Government's commitment to environmental transparency, on submission your AER summary will be publically available via the DMP website.

Make me the Corporate Endorser

83% Complete*

* The progress bar displays the completeness of the application in regards to steps that have been completed.

Navigation: Previous Step | Next Step | Submit Form | Save Form & Exit



When you press the submit button, the following warning will appear.



Once you have submitted the AER then you will get the following message.

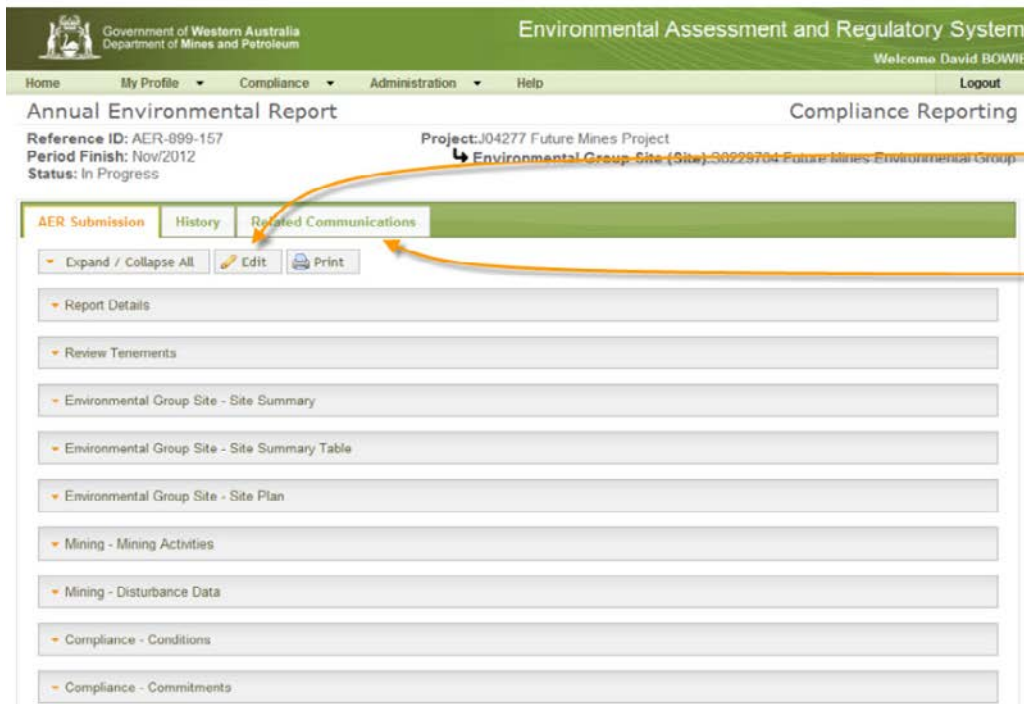
AER Workflow



When you press the submit button, the following warning will appear.



Once you have submitted the AER then you will get the following message.



Government of Western Australia
Department of Mines and Petroleum

Environmental Assessment and Regulatory System
Welcome David BOWIE

Home My Profile Compliance Administration Help Logout

Annual Environmental Report Compliance Reporting

Reference ID: AER-899-157
Period Finish: Nov/2012
Status: In Progress

Project: J04277 Future Mines Project
Environmental Group Site (Site): 50229704 Future Mines Environmental Group

AER Submission History Related Communications

Expand / Collapse All Edit Print

- Report Details
- Review Tenements
- Environmental Group Site - Site Summary
- Environmental Group Site - Site Summary Table
- Environmental Group Site - Site Plan
- Mining - Mining Activities
- Mining - Disturbance Data
- Compliance - Conditions
- Compliance - Commitments

The Detail View enables editing by clicking on Edit button

The tabs also allow you to see the history of the AER and any related communications.

Government of Western Australia

Department of Mines, Petroleum and Exploration

8.30am – 4.30pm

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