


# **Spinifex Ridge Molybdenum Project**

## **Annual Environmental Compliance Report**

**Ministerial Statement 772 (5<sup>th</sup> August 2008)  
Ministerial Statement 948 (2<sup>nd</sup> September 2013)**

**October 2019**


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## 1.0 Introduction

Moly Metals Australia Pty Ltd (Moly Metals) is a wholly owned subsidiary of Young Australian Mines Ltd (YAML), aiming to develop the Spinifex Ridge Molybdenum Project (SRMP) in the Pilbara region of Western Australia. Moly Metals gained formal approval for the SRMP under the Western Australian *Environmental Protection Act 1986* on 5<sup>th</sup> August, 2008 (Statement No. 772; EPA Bulletin 1285; Assessment No. 1657). An extension of the approval was granted by the Minister for Environment on 2<sup>nd</sup> September 2013 (Statement No. 948; EPA R&R 1482; Assessment No.1971). On 30 June 2017 Moly Metals formally requested a further extension of the timeline for commencement.

This is the eleventh Annual Environmental Compliance Report (CR) submitted to the relevant agency relating to environmental conditions included in Ministerial Statement 772 (5<sup>th</sup> August 2008).

The scope of this report is the SRMP as described in Schedule 1 of Ministerial Statement 772, and the reporting year is 1<sup>st</sup> August 2018 to July 31<sup>st</sup> 2019. The objective of the report is to verify that the environmental conditions outlined within Ministerial Statement 772 have been, or are being, complied with by Moly Metals. Included is a completed Audit Table of all environmental conditions associated with the statement (**Appendix A**).

## 2.0 Current Status

Due to falling commodity prices the Spinifex Ridge Molybdenum Project has not been implemented, and the project was suspended in November 2008. The project during the reporting year did not commence, and no site activities were undertaken.

The Spinifex Ridge Molybdenum Project is currently on hold pending an improvement in the project's economics. The Part IV approval (Ministerial Statement 772) was granted for a period of five years (that is, it lapsed on 5th August 2013). However, on 18th March 2013 Moly Metals requested that a three year extension be granted under section 46C of the *Environmental Protection Act (1986)* ie until 5th August 2016. This request was approved on 2<sup>nd</sup> September 2013 via Ministerial Statement 948. A further request to extend the timeframe for commencement is currently under review by OEPA. Subsequent to the end of the reporting year, on 1<sup>st</sup> October 2019, EPA Services sent a letter to YAML, requesting further information in support of the extension request. This information is currently being compiled.

### 3.0 Compliance

An Audit Table of all environmental conditions included in Ministerial Statement 772 has been completed and is presented in Appendix A. Moly Metals activities over the reporting period were compliant with all conditions.

### 4.0 Environmental Monitoring

Although the SRMP has been suspended, relevant aspects of the SRMP Environmental Management Programme were implemented during the reporting period. Because the SRMP did not commence, data collection contributed to the establishment of baseline conditions rather than monitoring the effects of the project itself. Reporting of monitoring results therefore (Condition 6.7) is *'not required at this stage'* in the audit table as the *'proposal is not yet implemented'*.

Regular monitoring over the reporting period included:

- Groundwater levels from bores at the DeGrey Borefield

In respect to water quality, Ministerial Statement No 772 Condition 6-1 calls for the development of water and sediment guideline values where ANZECC (2000) does not provide such a value, taking into consideration background water quality that has naturally elevated parameters. A report has been prepared by Outback Ecology Services (Outback Ecology, 2010) that provides a statistically rigorous basis for the derivation of such values.

The derivation of specific trigger values for contaminants of concern (Condition 6-1) is *'not required at this stage'* in the audit table as the *'proposal is not yet implemented'*.

## 5.0 Evidence to Support Audit Status

The status column of the Audit Table (Appendix A) indicates six actions as complete. Table 6.1 below summarises the completed actions.

Audit Code	Paraphrased Description	Evidence	Status
772:M 4.1	Submit a Compliance Report	Compliance Report	This Document
772:M 4.2	Compliance Report to address each element of an audit program	Audit Program and Compliance Report	This Document
772:M 4.3	Elements that must be included in the Compliance Report	Compliance Report	This Document
772:M 6.6	Submit monitoring programs relating to Surface Water, Drainage, and Groundwater Monitoring prior to construction	Report: "Project Area Groundwater and Surface Water Monitoring Programme" (August, 2008)	Submitted prior to construction: 27/08/08 and 26/09/08
772:M 7.1	Report the results of an autumn 2008 Short Range Endemic (SRE) survey prior to the commencement of ground-disturbing activities	Report: "Invertebrate Short-range Endemic Fauna Assessment: Final Report" (August, 2008)"	Submitted prior to ground disturbing activities: 27/08/08 and 26/09/08
772:M 7.2	Submit with the report above management measures to protect the conservation status of any SREs	Report: "Strategies for the Management of Potential Short-range Endemic Invertebrates" (August, 2008)	Submitted prior to ground disturbing activities: 27/08/08 and 26/09/08

The Annual Environmental Compliance Report (Audit Codes M4.1 to M4.3) is this document.

The three documents associated with Audit Codes M6.6, M7.1 and M7.2 were submitted to the Department of Environment and Conservation ("DEC") during a **previous** reporting period (on 27/08/08 and 26/09/08). Evidence was supplied with the relevant previous Compliance Report (Moly Mines, 2009).

## **APPENDIX A: 2019 AUDIT TABLE**

## AUDIT TABLE: 2019

Proposal Implementation Monitoring Section  
PROJECT: SPINIFEX RIDGE MOLYBDENUM PROJECT, 50 KILOMETRES NORTH-EAST OF MARBLE BAR,  
SHIRE OF EAST PILBARA

**Note:**

- Phases that apply in this table = **Pre-Construction, Construction, Operation, Decommissioning, Overall (several phases)**
- This audit table is a summary and timetable of conditions and commitments applying to this project. Refer to the Minister's Statement for full detail/precise wording of individual elements.
- Code prefixes: M = Minister's condition; P = Proponent's commitment; A = Audit specification; N = Procedure.
- Any elements with status = "Audited by proponent only" are legally binding but are not required to be addressed specifically in compliance reports, if complied with.
- Acronyms list:- Min for Env = Minister for the Environment; CEO = Chief Executive Officer of DEC; DEC = Department of Environment and Conservation (now Department of Water and Environmental Regulation[DWER]); DMP = Department of Mining and Petroleum (now Department of Mines, Industrial Regulation and Safety [DMIRS]) and ; EPA = Environmental Protection Authority; DoH = Department of Health; DoW = Department of Water.

**Note:**

- Phases that apply in this table = **Pre-Construction, Construction, Operation, Decommissioning, Overall (several phases)**
- This audit table is a summary and timetable of conditions and commitments applying to this project. Refer to the Minister's Statement for full detail/precise wording of individual elements.
- Code prefixes: M = Minister's condition; P = Proponent's commitment; A = Audit specification; N = Procedure.
- Any elements with status = "Audited by proponent only" are legally binding but are not required to be addressed specifically in compliance reports, if complied with.
- Acronyms list:- Min for Env = Minister for the Environment; CEO = Chief Executive Officer of DEC; DEC = Department of Environment and Conservation; DMP = Department of Mining and Petroleum; EPA = Environmental Protection Authority; DoH = Department of Health; DoW = Department of Water.

Audit Code	Subject	Action	How	Evidence	Requirements of	On Advice from	Phase	When/Where	Status
772:M1.1	<b>Proposal Implementation</b>	The proponent shall implement the proposal as documented and described in Schedule 1 of this Statement subject to the condition and procedures of this Statement.	1) Implement the proposal	Compliance Report (CR)	Min for Env		Overall		Satisfactory during this period  Proposal not yet implemented
772:M2.1	<b>Proponent Nomination and Contact Details</b>	The proponent for the time being nominated by the Minister for the Environment under sections 38(6) or 38(7) of the <i>Environmental Protection Act 1986</i> is responsible for the implementation of the proposal.	1) Implement the proposal	Compliance Report (CR)	Min for Env		Overall		Satisfactory during this period  Proponent unchanged
772:M2.2	<b>Proponent Nomination and Contact Details</b>	The proponent shall notify the Chief Executive Officer of the Department of Environment and Conservation (CEO) of any change of the name and address of the proponent for the serving of notices or other correspondence within 30 days of such change.	CONTINGENT ACTION: 1) Notify the CEO of any change of name and address	Letter to CEO of DEC	DEC		Overall	Within 30 days of such change.	No change since notification in 2018  Contingent action
772:M3.1	<b>Time Limit of Authorisation</b>	The authorisation to implement the proposal provided for in this statement shall lapse and be void within five years after the date of this statement if the proposal to which this statement relates is not substantially commenced.	1) Implement the proposal	Compliance Report (CR)	Min for Env		Overall	Implement by 5 August 2013.	In process  Three year extension granted 3 Sep 2013. Further extension requested in June 2017.





## AUDIT TABLE: 2019

Proposal Implementation Monitoring Section

PROJECT: SPINIFEX RIDGE MOLYBDENUM PROJECT, 50 KILOMETRES NORTH-EAST OF MARBLE BAR, SHIRE OF EAST PILBARA

Audit Code	Subject	Action	How	Evidence	Requirements of	On Advice from	Phase	When/Where	Status
772:M3.2	<b>Time Limit of Authorisation</b>	The proponent shall provide the CEO with written evidence which demonstrates that the proposal has substantially commenced on or before the expiration of five years from the date of this statement.	1) Provide written evidence to the CEO	Compliance Report (CR)	DEC		Overall	Annually	<b>Not required at this stage</b>  Proposal not substantially commenced
772:M4.1	<b>Compliance Reporting</b>	The proponent shall submit to the CEO environmental compliance reports annually reporting on the previous twelve-month period, unless required by the CEO to report more frequently.	1) Provide CEO with Compliance Report (CR)	Compliance Report (CR)	DEC		Overall	Annually, unless required more frequently by the CEO.  Reporting period: Aug 1 <sup>st</sup> to July 31 <sup>st</sup> First CR submitted within 1 mth of finalisation of audit table	<b>Completed</b>  Submitted here
772:M4.2	<b>Compliance Reporting</b>	The environmental compliance reports shall address each element of an audit program approved by the CEO and shall be prepared and submitted in a format acceptable to the CEO.	1) Provide CEO with Audit Table and Compliance Report (CR)	Audit Program and Compliance Report (CR)	DEC		Overall		<b>Completed</b>  Submitted here
772:M4.3	<b>Compliance Reporting</b>	Submission of Environmental Compliance Reports.	1) Ensure CR is endorsed by signature of Moly Metal Ltd Executive Chairman, or CEO approved delegate 2) Ensure CR states compliance with each condition and procedure contained within Statement 772 3) Ensure CR provides verifiable evidence of compliance with each condition and procedure within Statement 772 4) Ensure CR states whether Moly Metals Ltd has complied with each key action contained in any environmental management plan or program required by Statement 772	Compliance Report (CR)	DEC		Overall		<b>Completed</b>  Submitted here



## AUDIT TABLE: 2019

Proposal Implementation Monitoring Section

PROJECT: SPINIFEX RIDGE MOLYBDENUM PROJECT, 50 KILOMETRES NORTH-EAST OF MARBLE BAR, SHIRE OF EAST PILBARA

Audit Code	Subject	Action	How	Evidence	Requirements of	On Advice from	Phase	When/Where	Status
			<p>6) Ensure CR identifies all non-compliances and non-conformances and describes the corrective and preventative actions taken in relation to each</p> <p>6) Ensure CR identifies all non-compliances and non-conformances and describes the corrective and preventative actions taken in relation to each</p> <p>7) Ensure CR includes a review of the effectiveness of all corrective and preventative actions taken</p>						
772:M4.4	<b>Compliance Reporting</b>	The proponent shall make the environmental compliance reports required by condition 4-1 publicly available in a manner approved by the CEO.	In accordance with Proposal Implementation Monitoring Section – Fact Sheet 1 – Draft - Making Documents Publicly Available – May 2009.	Website hyperlink	DEC		Overall	Within 2 weeks of submission to DEC.	In process



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Proposal Implementation Monitoring Section

PROJECT: SPINIFEX RIDGE MOLYBDENUM PROJECT, 50 KILOMETRES NORTH-EAST OF MARBLE BAR, SHIRE OF EAST PILBARA

Audit Code	Subject	Action	How	Evidence	Requirements of	On Advice from	Phase	When/Where	Status
772:M5.1	<b>Performance Review and Reporting</b>	The proponent shall submit to the CEO a Performance Review Report at the conclusion of the first, second, fourth, sixth, eighth and tenth years after the start of implementation and then, at such intervals as the CEO may regard as reasonable.	The Performance Review Reports shall address: 1. the major environmental risks and impacts; the performance objectives, standards and criteria related to these; the success of risk reduction/impact mitigation measures and results of monitoring related to management of the major risks and impacts; 2. the level of progress in the achievement of sound environmental performance, including industry benchmarking, and the use of best available technology where practicable; and 3. significant improvements gained in environmental management which could be applied to this and other similar projects.	Performance Review Reports	DEC		Overall	At the conclusion of the first, second, fourth, sixth, eighth and tenth years after the start of implementation and then, at such intervals as the CEO may regard as reasonable.  (Reporting period: Aug 1 <sup>st</sup> to July 31 <sup>st</sup> )  Submitted by 31 <sup>st</sup> Sept)	<b>Not required at this stage</b>  Proposal not yet implemented
772:M6.1	<b>Surface Water / Drainage and Groundwater</b>	The proponent shall ensure that the run-off or seepage from the waste dumps and the tailings storage facility do not cause the quality of surface or ground water in or leaving the proposal area to exceed ANZECC (2000)* guidelines for aquatic ecosystem maintenance, taking into consideration natural background water quality. * <i>Australian Water Quality Guidelines for Fresh and Marine Waters</i> , ANZECC (October 2000, and its updates).	Where ANZECC (2000)* does not provide a guideline value for contaminants of concern, the proponent shall develop and implement water and sediment guidelines using the methodology detailed in ANZECC (2000)*. * <i>Australian Water Quality Guidelines for Fresh and Marine Waters</i> , ANZECC (October 2000, and its updates).	Consultants reports, monitoring data and analysis	Min for Env		Overall		<b>Not required at this stage</b>  Proposal not yet implemented
772:M6.2	<b>Surface Water / Drainage and Groundwater</b>	Where the requirements of condition 6-1 are not met, the proponent shall provide proposed management measures to the CEO within three months.	CONTINGENT ACTION: Report management measures to the CEO	Correspondence with CEO	DEC		Overall	Within three months of the requirements of condition 6-1 not being met.	<b>Not required at this stage</b>  Contingent action



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Proposal Implementation Monitoring Section

PROJECT: SPINIFEX RIDGE MOLYBDENUM PROJECT, 50 KILOMETRES NORTH-EAST OF MARBLE BAR, SHIRE OF EAST PILBARA

Audit Code	Subject	Action	How	Evidence	Requirements of	On Advice from	Phase	When/Where	Status
772:M6.3	Surface Water / Drainage and Groundwater	The proponent shall implement the proposed management measures required by condition 6-2 to the satisfaction of the CEO.	CONTINGENT ACTION: 1) Implement the management measures	Monitoring data and analysis reported in Annual Environmental Report (AER)	DEC		Overall		Not required at this stage  Contingent action
772:M6.4	Surface Water / Drainage and Groundwater	The proponent shall monitor the quality of any run-off or seepage from the tailings storage facility and waste dumps to surface and ground water on and in proximity to the project area shown in Figure 2 in Schedule 1. This monitoring is to be done to the satisfaction of the CEO.	Develop and implement a site-based surface water and groundwater monitoring program  1) Australian Guidelines for Water Quality Monitoring and Reporting (ANZECC, 2000) 2) AS/NZS 5667.1:1998 Water quality - Sampling - Guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples 3) AS/NZS 5667.6:1998 Water quality - Sampling - Guidance on sampling of rivers and streams	Monitoring data and analysis reported in Annual Environmental Report (AER)	DEC		Overall	From the commencement of operations.	Not required at this stage  Proposal not yet implemented
772:M6.5	Surface Water / Drainage and Groundwater	The proponent shall ensure that water levels in Coppin Gap Pool are not adversely affected by the implementation of the proposal.	From the commencement of mining, the proponent shall monitor the groundwater levels between the pit and Coppin Gap to detect groundwater level depression arising from mining activities. This monitoring is to be carried out to the satisfaction of the CEO.	Monitoring data and analysis reported in Annual Environmental Report (AER)	DEC		Overall	From the commencement of mining.	Not required at this stage  Proposal not yet implemented
772:M6.6	Surface Water / Drainage and Groundwater	The proponent shall submit monitoring programs relating to conditions 6-4 and 6-5 to the CEO prior to construction.	1) Submit to the CEO a surface water and groundwater monitoring program consistent with Figure 2 in Schedule 1 of Statement 772, including monitoring of groundwater levels between the pit and Coppin Gap	Report: "Project Area Groundwater and Surface Water Monitoring Programme (August, 2008)"	DEC		Design	Prior to construction.	Completed  Submitted 27/08/09 and 26/09/08 ('Prior to construction')



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Proposal Implementation Monitoring Section

PROJECT: SPINIFEX RIDGE MOLYBDENUM PROJECT, 50 KILOMETRES NORTH-EAST OF MARBLE BAR, SHIRE OF EAST PILBARA

Audit Code	Subject	Action	How	Evidence	Requirements of	On Advice from	Phase	When/Where	Status
772:M6.7	Surface Water / Drainage and Groundwater	The proponent shall submit the results of the monitoring required by conditions 6-4 and 6-5 to the CEO.	1) Submit to the CEO surface water and groundwater monitoring results	Monitoring data and analysis reported in Annual Environmental Report (AER)	DEC		Overall	From the commencement of operations.	Not required at this stage Proposal not yet implemented
772:M6.8	Surface Water / Drainage and Groundwater	The proponent shall provide proposed management measures to the CEO in the event that the monitoring required by condition 6-5 indicates that mining activities are causing depression of the water levels in Coppin Gap Pool.	CONTINGENT ACTION: 1) Submit to the CEO management measures	Correspondence with CEO	DEC		Overall	In the event that monitoring required by condition 6-5 indicates that mining activities are causing depression of the water levels in Coppin Gap Pool.	Not required at this stage Contingent action
772:M6.9	Surface Water / Drainage and Groundwater	The proponent shall implement the proposed management measures required by condition 6-8 to the satisfaction of the CEO.	CONTINGENT ACTION: 1) Implement CEO endorsed contingency strategies	Monitoring data and analysis reported in Annual Environmental Report (AER)	DEC		Overall		Not required at this stage Contingent action
772:M7.1	Terrestrial Fauna	The proponent shall report the results of the autumn 2008 Short Range Endemic Survey (described on page 45 in Appendix F Environmental Management Programme of the Public Environmental Review) to the CEO, prior to the commencement of any ground-disturbing activities.	1) Submit to the CEO SRE results	Report: "Invertebrate Short-range Endemic Fauna Assessment: Final Report (August, 2008)"	DEC		Design	Prior to the commencement of any ground-disturbing activities.	Completed Submitted 27/08/09 and 26/09/08 ('Prior to ground disturbing activities')





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Proposal Implementation Monitoring Section

PROJECT: SPINIFEX RIDGE MOLYBDENUM PROJECT, 50 KILOMETRES NORTH-EAST OF MARBLE BAR, SHIRE OF EAST PILBARA

Audit Code	Subject	Action	How	Evidence	Requirements of	On Advice from	Phase	When/Where	Status
772:M7.2	Terrestrial Fauna	The proponent shall submit with the report required by condition 7-1, management measures required to protect the conservation status of any short range endemics located in the proposal area, to the CEO.	1) Submit to the CEO SRE management strategies	Report: "Strategies for the Management of Potential Short-range Endemic Invertebrates (August, 2008)"	DEC		Design	Prior to the commencement of any ground-disturbing activities.	<b>Completed</b>  Submitted 27/08/09 and 26/09/08 ('Prior to ground disturbing activities')
772:M7.3	Terrestrial Fauna	The proponent shall implement the management measures required by condition 7-2 to the satisfaction of the CEO.	1) Implement CEO endorsed management strategies	Monitoring data and analysis reported in Annual Environmental Report (AER)	DEC		Overall		<b>Not required at this stage</b>  Proposal not yet implemented
772:M8.1	Rehabilitation Plan	Prior to the commencement of productive mining, the proponent shall prepare a Rehabilitation Plan.	1) EPA Guidance Statement No 6: Rehabilitation of Terrestrial Ecosystems (2006) 2) Mine Rehabilitation (Australian Government, DoITR 2006)	Rehabilitation Plan	Min for Env		Overall	Prior to the commencement of productive mining.	<b>Not required at this stage</b>  Proposal not yet implemented
772:M8.2	Rehabilitation Plan	The Plan shall be prepared in consultation with Department of Environment and Conservation, the Department of Industry and Resources and the Department of Water.	1) Ensure DEC, DMP and DoW have input into the Rehabilitation Plan	Correspondence with DEC, DMP, and DoW	Min for Env	DEC, DMP (formerly Department of Industry and Resources [DoIR]), DoW	Overall	Prior to the commencement of productive mining.	<b>Not required at this stage</b>  Proposal not yet implemented



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Proposal Implementation Monitoring Section

PROJECT: SPINIFEX RIDGE MOLYBDENUM PROJECT, 50 KILOMETRES NORTH-EAST OF MARBLE BAR, SHIRE OF EAST PILBARA

Audit Code	Subject	Action	How	Evidence	Requirements of	On Advice from	Phase	When/Where	Status
772:M8.3	Rehabilitation Plan	Prepare a Rehabilitation Plan.	<p>The objectives of the Plan are to:</p> <ol style="list-style-type: none"> <li>1. Ensure disturbed areas are rehabilitated using local provenance species as soon as possible following cessation of mining of those areas;</li> <li>2. Design rehabilitation of native vegetation to ultimately develop into viable ecological systems which are comparable and compatible with surrounding native vegetation and its land uses, and restores as closely as practicable the pre-disturbance biodiversity and functional values;</li> <li>3. Ensure planning, implementation, monitoring and reporting on rehabilitation is carried out in a manner consistent with industry best practice; and</li> <li>4. Ensure management of rehabilitation continues until affected areas are self sustaining.</li> </ol> <p>(EPA Guidance Statement No 6: Rehabilitation of Terrestrial Ecosystems (2006) and Mine Rehabilitation (Australian Government, DoITR 2006)</p>	Rehabilitation Plan that includes objectives stipulated in Statement 772	Min for Env		Overall	Prior to the commencement of productive mining.	<p><b>Not required at this stage</b></p> <p>Proposal not yet implemented</p>



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Proposal Implementation Monitoring Section

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Audit Code	Subject	Action	How	Evidence	Requirements of	On Advice from	Phase	When/Where	Status
772:M8.4	Rehabilitation Plan	Prepare a Rehabilitation Plan.	The Plan shall: 1. specify the rate of rehabilitation, being either a minimum of 45ha per year on a three year rolling average or such other figure agreed in writing by the CEO where the area of disturbance is less than an average of 45ha per year; 2. specify mechanisms for managing topsoil for use in rehabilitation; 3. identify sources and methodologies for collecting and retaining local provenance seeds for use in rehabilitation; 4. specify targets for success of rehabilitation initiatives; 5. identify measures for monitoring the success of rehabilitation initiatives; and 6. describe management responses to be adopted where monitoring indicates rehabilitation initiatives have not achieved identified targets.	Rehabilitation Plan	DEC		Overall	Prior to the commencement of productive mining.	Not required at this stage Proposal not yet implemented
772:M8.5	Rehabilitation Plan	The proponent shall implement the Plan to the satisfaction of the CEO.	1) Implement CEO endorsed Rehabilitation Plan	Monitoring data and analysis reported in Annual Environmental Report (AER)	DEC		Overall		Not required at this stage Proposal not yet implemented
772:M8.6	Rehabilitation Plan	During operations and decommissioning, the proponent shall not allow unrehabilitated areas of the tailings storage facility to exceed 150 hectares at any time	1) Ensure that <150ha of the TSF will be unrehabilitated at any time	Results reported in Annual Environmental Report (AER)	Min for Env		Overall	During operations and decommissioning	Not required at this stage Proposal not yet implemented
772:M8.7	Rehabilitation Plan	The proponent shall make the final Plan publicly available in a manner approved by the CEO.	In accordance with Proposal Implementation Monitoring Section – Fact Sheet 1 – Draft - Making Documents Publicly Available – May 2009.	Website hyperlink	DEC		Overall	Within 2 weeks of submission of Final Plan to DEC.	Not required at this stage Proposal not yet implemented





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Proposal Implementation Monitoring Section

PROJECT: SPINIFEX RIDGE MOLYBDENUM PROJECT, 50 KILOMETRES NORTH-EAST OF MARBLE BAR, SHIRE OF EAST PILBARA

Audit Code	Subject	Action	How	Evidence	Requirements of	On Advice from	Phase	When/Where	Status
772:M9.1	<b>Decommissioning and Closure Plan</b>	At least four years prior to the anticipated date of decommissioning and closure, or at a time otherwise agreed by the Minister, the Proponent shall prepare a Decommissioning and Closure Plan (the Plan) for proposal.	1) Prepare a Decommissioning and Closure Plan  Strategic Framework for Mine Closure (ANZMEC/MCA, 2000) Mine Closure and Completion (Australian Government, DoITR 2006) Mine Closure Guideline for Mineral Operations in WA (CME, 2000)	Decommissioning and Closure Plan	Min for Env		Overall	At least four years prior to the anticipated date of decommissioning and closure, or at a time otherwise agreed by the Minister.	<b>Not required at this stage</b>  Proposal not yet implemented
772:M9.2	<b>Decommissioning and Closure Plan</b>	In preparing the Plan the Proponent shall consult with DEC and DoIR.	1) Ensure DEC and DMP have input into the Decommissioning and Closure Plan	Correspondence with DEC and DMP	Min for Env	DEC and DMP (formerly DoIR)	Overall	At least four years prior to the anticipated date of decommissioning and closure, or at a time otherwise agreed by the Minister.	<b>Not required at this stage</b>  Proposal not yet implemented
772:M9.3	<b>Decommissioning and Closure Plan</b>	Prepare a Decommissioning and Closure Plan.	The objectives of the Plan are to: 1. Subject to 2, ensure that within two years following the cessation of productive mining, the proposal area will be comprise stable, self-sustaining and functioning landforms which are compatible with the surrounding landscape, and which contribute to the maintenance of the biodiversity observed at the outset of mining and the key environmental values over the long-term and facilitate the re-establishment of local provenance native species; and 2. In relation to pit lakes: i. to design the final landform to minimise the potential for native animals to become trapped or otherwise harmed by the presence of the pit lakes; and ii. to ensure discharges from the pit lakes do not cause pollution or otherwise cause a significant impact on the environment.	Decommissioning and Closure Plan that includes objectives stipulated in Statement 772	Min for Env		Overall	At least four years prior to the anticipated date of decommissioning and closure, or at a time otherwise agreed by the Minister.	<b>Not required at this stage</b>  Proposal not yet implemented



## AUDIT TABLE: 2019

Proposal Implementation Monitoring Section

PROJECT: SPINIFEX RIDGE MOLYBDENUM PROJECT, 50 KILOMETRES NORTH-EAST OF MARBLE BAR, SHIRE OF EAST PILBARA

Audit Code	Subject	Action	How	Evidence	Requirements of	On Advice from	Phase	When/Where	Status
772:M9.4	<b>Decommissioning and Closure Plan</b>	Prepare a Decommissioning and Closure Plan.	The Plan shall include: 1. Removal or, if appropriate, retention of plant and infrastructure; 2. The rationale for the siting and design of plant and infrastructure to be retained as relevant to environmental protection; 3. Identification of contaminated areas, including provision of evidence of notification and proposed management measures to relevant statutory authorities; and 4. Relationship to and consistency with the Rehabilitation Plan required under condition 8.	Decommissioning and Closure Plan	Min for Env		Overall	At least four years prior to the anticipated date of decommissioning and closure, or at a time otherwise agreed by the Minister.	<b>Not required at this stage</b>  Proposal not yet implemented
772:M9.5	<b>Decommissioning and Closure Plan</b>	The proponent shall implement the Decommissioning and Closure Plan until such time as the Minister determines, on advice of the CEO, that the proponent's decommissioning responsibilities have been fulfilled.	1) Implement the Decommissioning and Closure Plan	Annual Environmental Report (AER)	Min for Env	DEC	Closure	Until such time as the Minister determines, on advice of the CEO, that the proponent's decommissioning responsibilities have been fulfilled.	<b>Not required at this stage</b>  Proposal not yet implemented
772:M9.6	<b>Decommissioning and Closure Plan</b>	The proponent shall make the Decommissioning and Closure Plan publicly available in a manner approved by the CEO.	Ensure the final Plan is available on the Moly Metals Australia Pty Ltd website for the life of the project, unless otherwise approved by DEC	Website hyperlink	DEC		Overall	Within 2 weeks of submission of Final Document to DEC.	<b>Not required at this stage</b>  Proposal not yet implemented
772:M10.1	<b>Visual Amenity</b>	The proponent shall ensure that no project area infrastructure such as waste rock landforms, tailings storage facility, pit, topsoil stockpiles, processing plant, communication tower or evaporation ponds are visible from Coppin Gap Pool.	1) Project design will ensure that infrastructure is not visible from Coppin Gap pool	Project infrastructure plans and photographic evidence	Min for Env		Overall		<b>Satisfactory during this period</b>  Communication tower not visible from Coppin Gap pool
772:M10.2	<b>Visual Amenity</b>	The proponent shall ensure that the proposed realignment of the Coppin Gap access road will be designed to minimise views of mining infrastructure.	1) Project design will ensure that views of mining infrastructure are minimised along the Coppin Gap access road	Road design plans and photographic evidence	Min for Env		Overall		<b>Not required at this stage</b>  Proposal not yet implemented



## **AUDIT TABLE: 2019**

**Proposal Implementation Monitoring Section**

**PROJECT:** SPINIFEX RIDGE MOLYBDENUM PROJECT, 50 KILOMETRES NORTH-EAST OF MARBLE BAR,  
SHIRE OF EAST PILBARA

### **Notes**

1. Where a condition states “on advice of the Environmental Protection Authority”, the Environmental Protection Authority will provide that advice to the Department of Environment and Conservation for the preparation of written notice to the proponent.
2. The Environmental Protection Authority may seek advice from other agencies or organisations, as required, in order to provide its advice to the Department of Environment and Conservation.
3. The Minister for the Environment will determine any dispute between the proponent and the Environmental Protection Authority or the Department of Environment and Conservation over the fulfillment of the requirements of the conditions.
4. The proponent is required to apply for a Works Approval and Licence for this project under the provisions of Part V of the *Environmental Protection Act 1986*.