



710-005-EN-PLA-0013

CADIA HISTORICAL HERITAGE MANAGEMENT PLAN

REGULATORY APPROVAL

Rev	Revision Date	Developed By	Issued To	Approved By	Approval Date
2	23/06/2022	Newcrest Mining Limited	Department of Planning and Environment	W. Jones	30/06/2022
3	06/2024	Newmont	Department of Planning, Housing and Infrastructure / Heritage NSW		
3.1	24/10/2024	Newmont	Department of Planning, Housing and Infrastructure		
3.2	21/11/2024	Newmont	Department of Planning, Housing and Infrastructure		
3.3	29/11/2024	Newmont	Department of Planning, Housing and Infrastructure		
3.4	10/06/2025	Newmont (Umwelt)	Department of Planning, Housing and Infrastructure		
3.5	08/08/2025	Newmont	Department of Planning, Housing and Infrastructure		

DOCUMENT CONTROL

Sub Department: Environment	THIS DOCUMENT IS UNCONTROLLED IN HARD COPY FORMAT	Doc ID: 710-005-EN-PLA-0013
Revision: 3.5	Date Issued: 14/08/2025	Page 1 of 29

Rev	Date	Section	Description of changes	Reviewer	Finalisation date
3	11/06/2024	All	New template Include changes as identified by the Independent Environment Audit (JBA, 2024) Removal of Inventory of Archaeological Sites and various other sections (now detailed in Conservation Management Plan or on the Cadia Valley Heritage website) Removal of Blasting conditions as these are addressed in the Blast Monitoring Program	Kara Hatch	
3.1	24/10/2024	All	Update of plan following review by Heritage NSW	Paul Yeo	
3.2	21/11/2024	All	Updates as per DPHI correspondence 8/11/2024	L Holley	
3.3	29/11/2024	All	Updates as per DPHI correspondence 27/11/2024	L Holley	
3.4	10/06/2025	All	Updates to include Modification 15	K Hatch	
3.5	08/08/2025	Various	Updated in response to Post Approval Review received 06/08/2025.	K Hatch	14/08/2025

APPROVAL

Revision No.	Approval Date	Signature
3.5	14/08/2025	David Coe
		Manager – Environment and Social Performance

* Automatically generated upon publishing

TABLE OF CONTENTS

1	INTRODUCTION	4
1.1	Overview	4
1.2	Document Purpose and Scope	6
1.3	Document Structure	6
1.4	Related Documents	7
1.4.1	Company Documents	7
1.4.2	External Documents	7
1.5	Consultation	7
2	REGULATORY REQUIREMENTS	8
2.1	Commonwealth.....	8
2.2	Development Consent (Project Approval 06_0295)	8
2.3	Environmental Protection Licence	14
2.4	NSW Heritage Act 1977 (Section 60).....	14
3	ROLES, RESPONSIBILITIES AND TRAINING	21
3.1	Roles and Responsibilities	21
3.2	Training	21
4	ENVIRONMENTAL RISKS, MANAGEMENT AND MITIGATION	22
4.1	Overview	22
4.2	Historical Heritage Related Risks and Management Approach.....	22
4.3	Objectives and Targets.....	25
4.4	Improvement Actions.....	25
5	MEASUREMENT AND EVALUATION	25
5.1	Monitoring Program	25
5.2	Reporting and Records	25
5.2.1	Overview.....	25
5.2.2	Reporting Requirements	25
5.3	Incident and Emergency Management.....	27
5.4	Complaints.....	27
5.5	Non-Compliances	27
5.6	Access to Information	27
6	REVIEW AND IMPROVEMENT	28
6.1	Performance Review	28
6.2	Auditing and Inspections	28
6.2.1	Internal Audits	28
6.2.2	External Audits	28
6.2.3	Inspections.....	28
6.3	Continuous Improvement	29
6.4	Management Plan Review	29

1 INTRODUCTION

1.1 Overview

Newmont Overseas Holdings Pty Corporation (Australia), a wholly owned indirect subsidiary of Newmont Corporation is the owner of Cadia Holdings Pty Limited (CHPL). CHPL is the owner and operator of Cadia mine (Cadia). Cadia is one of Australia's largest gold mining operations.

Commencing in 1998 and operating continuously since, Cadia is located approximately 25 km south of Orange in the Central Tablelands region of New South Wales (NSW). The mining operation occurs across two local government areas (LGAs) (Blayney Shire Council and Cabonne Council) (refer to Figure 1.1).

Cadia provides an important economic contribution to the region and NSW and is a major regional employer providing approximately 1,400 full time equivalent jobs. Confirmed mineable resources have been identified to extend operations well beyond the life of the current Project Approval (PA) (06_0295) which provides for mining until 30 June 2031. Cadia has commenced planning for the continuation of mining operations and is delivering this work through the Cadia Continued Operations Project (CCOP).

PA 06_295 issued to CHPL in January 2010 under the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act) provides for the following:

- Life of mine ore production (up to 30 June 2031) of approximately 525 million tonnes (Mt) of gold/copper ore from Cadia East and approximately 96 Mt of ore from Ridgeway underground mine.
- Processing of up to 35 Mt per annum (Mtpa) of gold/copper/molybdenum ore on site to produce gold doré from a gravity circuit, a gold-rich copper concentrate from a flotation circuit (which is piped to a dewatering plant at nearby Blayney and then sent by rail to Port Kembla in NSW for export) as well as a molybdenum rich concentrate which is sent by truck to Port Kembla in NSW for export.
- Disposal of tailings through emplacement into one of three tailings storage facilities (TSFs) being the Northern TSF [NTSF], Southern TSF [STSF] and Pit TSF [PTSF].
- Significant surface infrastructure and ancillary activities to support the operation of the mine including ore processing, rock emplacements, water management, maintenance, store and staff facilities and land management practices.

PA 06_0295 has been modified 15 times since issue, with the most recent modification approved in January 2025.

Modification 15 allows to change the existing NTSF and STSF embankment footprints, recommence mining in the Ridgeway underground mine, amongst other various minor changes or infrastructure additions to support ongoing mining activities.

CHPL also hold other environmental licences and mining approvals and authorities related to Cadia. These approvals, permits and licences are outlined in Section 2.

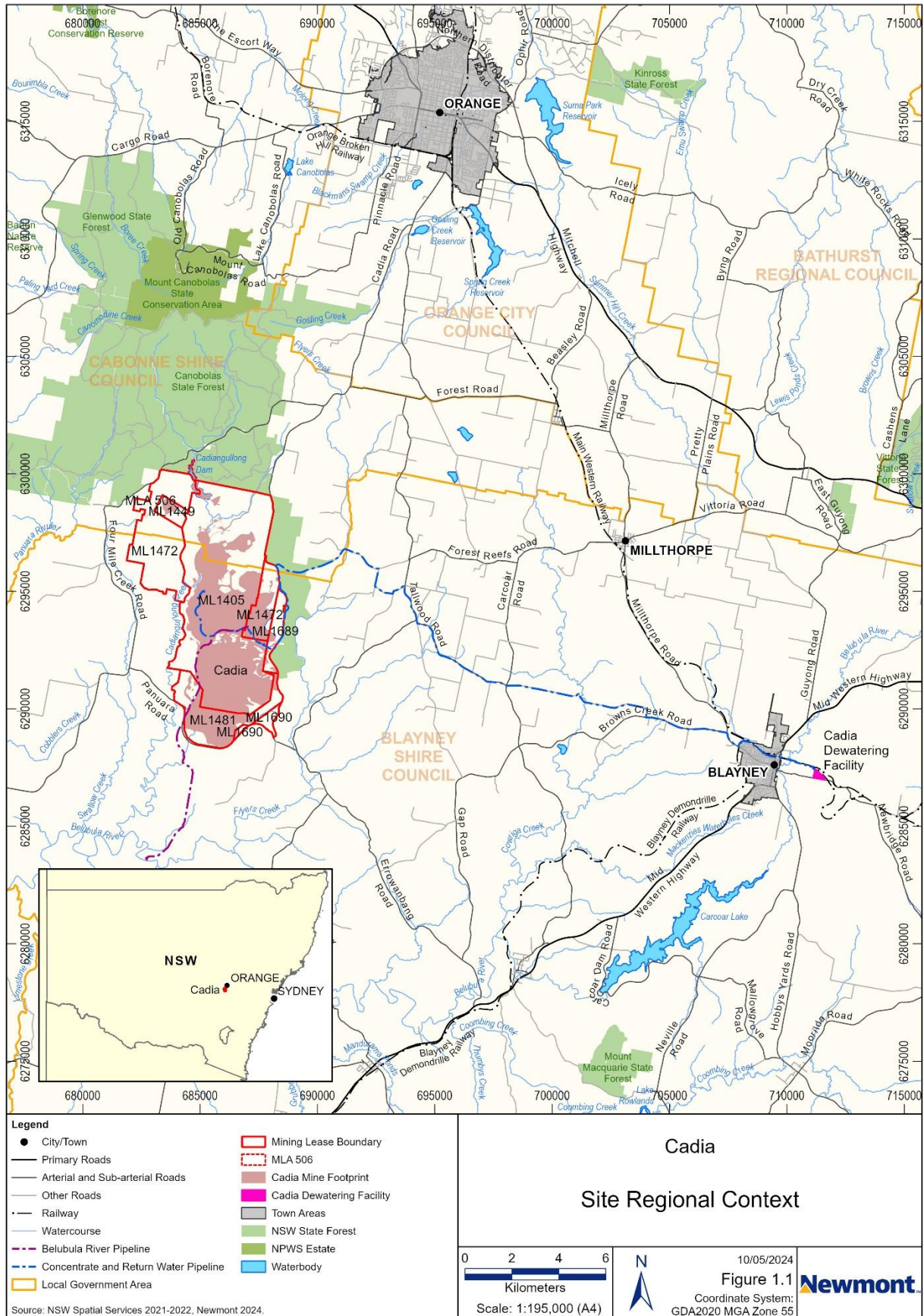


Figure 1-1: Location of Cadia in a regional context

1.2 Document Purpose and Scope

This Historical Heritage Management Plan (HHMP) has been developed in accordance with the applicable Historical Heritage related conditions of the Cadia East Consolidated Project Approval (reference number PA06_0295), the Environmental Protection Licence (EPL), and obligations in project licences and permits. The consolidated project approval¹ contains the original consent conditions along with all modifications to the original determination.

The purpose of this HHMP is to:

- Briefly describe the regulatory requirements regarding Historical Heritage at Cadia;
- Describe the Roles, Responsibilities and Training regarding Historical Heritage at Cadia;
- Describe the risks, their management and mitigation measures regarding Historical Heritage at Cadia;
- Describe monitoring, reporting, incident management and complaints management regarding Historical Heritage at Cadia; and
- Describe performance review and improvement measures regarding Historical Heritage at Cadia.

The scope of this plan covers operations approved under the Cadia East Project Approval (reference number PA06_0295).

This plan does not cover activities carried out by Cadia not included in the PA06_0295 consolidated consent.

1.3 Document Structure

The structure of this management plan is generally consistent with the structure of the various other Cadia environment related management plans. This provides a consistent approach across all Cadia management plans to improve readability across documents.

Where appropriate within this document, reference to existing documents and information has been included to reduce instances of unnecessary repetition.

This management plan document includes the following sections:

- Section 1 – introductory content including an overview of Cadia operations, description of document purpose and scope, definitions used, relevant documents relevant to this management plan, and consultation undertaken.
- Section 2 – overview of regulatory requirements
- Section 3 – roles and responsibilities to ensure compliance with environmental obligations
- Section 4 – summary description of environmental risks, management and mitigation in relation to historical heritage
- Section 5 – approach to measurement and evaluation, including reporting, complaints, incidents and non-compliances
- Section 6 – description of review and improvement measures
- Section 7 – appendices

¹ <https://media.caapp.com.au/enz8hc.pdf>

1.4 Related Documents

1.4.1 Company Documents

This HHMP should be read in conjunction with the following related company documents:

- Cadia Environmental Management Strategy (CEMS)²
- Cadia Management Plans, Reports and Monitoring documents³
- Newmont Policies and Standards⁴
- Edward Higginbotham and Associates (2021). Cadia Engine House Mining Precinct; Conservation Management Plan, as updated by Newmont (2025) into:
 - Part A Knowledge;; and;
 - Part B:Policies in 2025.

1.4.2 External Documents

The following industry standards, codes and guidelines apply to this HHMP:

- Australian Heritage Council (2013). Ruins, A guide to Conservation and Management
- Australia Incorporated International Council on Monuments and Sites (ICOMOS) (2013). The Burra Charter, The Australian ACOMOC Charter for Places of Cultural Significance
- Heritage Council of NSW and Department of Urban Affairs and Planning (1996). NSW Heritage Manual
- Department of Premier and Cabinet, Statement of best practice for heritage conservation management plans, dated 30 Jun 2021.
- Heritage items listed under the Cabonne Local Environment Plan (LEP), 1991;
- Heritage items listed under the Blayney LEP, 1998;
- NSW Heritage Act 1977;
- Relevant excavation permits issued by the Heritage Branch, DPHI; and
- NSW State Heritage Register.

1.5 Consultation

In developing this document, consultation has been carried out with the stakeholders listed in Table 1.

Table 1: Consultation undertaken in plan development

Stakeholder	Date	Comment	Response	Method
NSW Department of Planning- Heritage Branch	2010	Draft copy of HHMP provided to Heritage Branch	HHMP approved on 05/07/2010	Letter
NSW Department of Planning and Environment- Heritage Branch	2015	Consultation included meetings with DoPE and Orange City Council regarding the HHMP and the Conservation Management Strategy.	No formal correspondence for this consultation is available	Meetings
Heritage NSW	2024	Draft copy of HHMP Revision 3 provided to Heritage NSW	Response received and comments addressed (24/07/2024)	Major Projects Portal

² <https://media.caapp.com.au/p861i7.pdf>

³ [Environmental management | Cadia Valley Operations | Newmont](#)

⁴ [Newmont Corporation - About Us - Governance and Ethics](#)

2 REGULATORY REQUIREMENTS

2.1 Commonwealth

Approval for the Cadia East Project (reference number EPBC 2006/31965) under Section 130(1) and 133 of the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 was granted on 18 February 2010. Refer to the CEMS for additional information on the EPBC Act approval.

2.2 Development Consent (Project Approval 06_0295)

As described in Section 1.1, approval for the project (PA 06_0295) was obtained under the EP&A Act. Details of the modifications made since the original project consent was granted in 2010 can be found in the CEMS and under the 'approvals' section of the Cadia webpage⁶. The consolidated consent⁷ contains the requirements of the original approval along with the approved modifications (MOD 1 through to MOD 15).

A summary of the specific conditions of the project approval relevant to this HHMP are listed in Table 2. This table also includes conditions from approved modifications to the original development consent. Reference to the relevant section of this HHMP where the commitment has been addressed is also provided in Table 2 along with a brief outline of approach and links to relevant Cadia operational protocols.

⁵ [Referral summary · EPBC Act Public Portal \(awe.gov.au\)](#)

⁶ [Cadia East project approval | Cadia Valley Operations | Newmont](#)

⁷ [NOTICE OF AMENDMENT OF A DEVELOPMENT CONSENT GRANTED UNDER \(caapp.com.au\)](#)

Sub Department: Environment	THIS DOCUMENT IS UNCONTROLLED IN HARD COPY FORMAT	Doc ID: 710-005-EN-PLA-0013
Revision: 3.5	Date Issued: 14/08/2025	Page 8 of 29

Table 2: Relevant development consent PA06_0295 conditions

Schedule	Condition	MP Section Reference	Summary of Approach	Other Protocols
3	43. The Applicant must prepare and implement a Historical Heritage Management Plan for the project to the satisfaction of the Secretary. This plan must: (a) be prepared in consultation with Heritage NSW and be submitted to the Secretary for approval within 6 months of the date of this approval;	This plan.	Historical consultation detailed in Table 1	Consultation for this version to occur via Major Projects Portal and will be recorded in Table 1
	(b) include: Compilation of archival recording, excavation and/or salvage of heritage items within the project disturbance area, including the Te Anau Homestead, Wire Gully Gold Workings and the Little Cadia Copper Mine;	Table 5	Te Anau Homestead- Archival recording and salvage prior to demolition Wire Gully Gold Workings- Archival recording and salvage prior to demolition Little Cadia Copper Mine- Archival recording and salvage Continue to implement the 'General Conservation Measures' for Cadia.	Cadia Heritage Website Maps, Reports & Glossary Cadia Valley Operations Newmont
	A detailed conservation management strategy for heritage items outside the project disturbance area but within the vicinity of the site, including a:	The plan.	This plan.	
	Description of the measures that would be implemented to protect heritage items from disturbance, including disturbance from blasting activities;	Table 5	Strengthening steel has been installed on the Cadia Engine House to protect it from the potential effects of blasting. This steel has been retained as a precautionary measure, even though blasting no longer occurs on the surface.	Blasting is summarised in the Blast Monitoring Program (710-005-EN-PLA-0002) Conservation Management Plan (710-005-EN-PLA-0031)
	Program to monitor the effects of blasting on relevant heritage items; and	Table 5	Routine monthly inspections of the Cornish Engine House and surrounds occur.	Blasting is summarised in the Blast Monitoring

Schedule	Condition	MP Section Reference	Summary of Approach	Other Protocols
			Blast and Ground Vibration are monitored as per the Blast Monitoring Program (BMP). Any exceedances of criteria are investigated and the Cornish Engine House inspected for structural damage.	Program (710-005-EN-PLA-0002) Conservation Management Plan (710-005-EN-PLA-0031)
	An Interpretation Plan for the Cadia Village	Table 5	Summarised in Table 6. Interpretation Plan has been completed and is available on the Cadia Heritage Website	Cadia Heritage Website Maps, Reports & Glossary Cadia Valley Operations Newmont
	Note: The Little Cadia Copper Mine is outside the zone of subsidence for the Cadia East mine but within its zone of influence, and therefore may potentially be subject to impact. It is proposed to conserve the site in-situ, if possible.	Table 5	Archival recording and salvage has occurred and is summarised on the Cadia Heritage website.	Cadia Heritage Website Maps, Reports & Glossary Cadia Valley Operations Newmont
5	2. By the end of March in each year after the commencement of the project, or other timeframe agreed by the Secretary, a report must be submitted to the Department reviewing the environmental performance of the project, to the satisfaction of the Secretary. By the end of March in each year after the commencement of the project, or other timeframe agreed by the Secretary, a report must be submitted to the Department reviewing the environmental performance of the project, to the satisfaction of the Secretary. This review must:	Table 6	By the end of October each year a report will be submitted to the Department that includes a review of relevant heritage aspects at Cadia. In January 2022, the Department of Planning, Industry and Environment provided correspondence (letter) that approved Cadia to submit its Annual Review no later than 31 October each year.	Cadia Environmental Management Strategy (710-005-EN-STR-0001)

Schedule	Condition	MP Section Reference	Summary of Approach	Other Protocols
	(a) describe the project (including any rehabilitation) that was carried out in the previous calendar year, and the project that is proposed to be carried out over the current calendar year; (b) include a comprehensive review of the monitoring results and complaints records of the project over the previous calendar year, including a comparison of these results against the: • relevant statutory requirements, limits or performance measures/criteria; • requirements of any plan or program required under this approval; • monitoring results of previous years; and • relevant predictions in the EA; (c) reporting of direct and indirect water take, including water take where a water licence is required (reviewed against existing water licences) and where an exemption applies; (d) identify any non-compliance or incident which occurred in the previous calendar year, and describe what actions were (or are being) taken to rectify the non-compliance and avoid reoccurrence; (e) evaluate and report on compliance with the performance measures, criteria and operating conditions of this approval; (f) identify any trends in the monitoring data over the life of the project; (g) identify any discrepancies between the predicted and actual impacts of the project, and analyse the potential cause of any significant discrepancies; and (h) describe what measures will be implemented over the next year to improve the environmental performance of the project.			
5	3. Within 3 months, unless the Secretary agrees otherwise of: (a) the submission of an annual review under condition 2 above; (b) the submission of an incident report under condition 5 or 5B below; (c) the submission of an audit under condition 7 to 8A below; and (d) any modification of this approval; or	Section 6.4 Table 6	Management plan review is included in the CEMS document	Cadia Environmental Management Strategy (710-005-EN-STR-0001)

Schedule	Condition	MP Section Reference	Summary of Approach	Other Protocols
	(e) a direction of the Secretary under condition 2 of Schedule 2. the Applicant must review and, if necessary, revise the studies, strategies or plans required under the conditions of approval to the satisfaction of the Secretary. Where this review leads to revisions in any such document, then within 4 weeks of the review the revised document must be submitted to the Secretary for approval, unless otherwise agreed with the Secretary.			
	5. The Secretary must be notified in writing via the Major Projects website immediately after the Applicant becomes aware of an incident. The notification must identify the project (including the application number and the name of the project if it has one) and set out the location and nature of the incident. Subsequent notification requirements must be given, and reports submitted in accordance with the requirements set out in Appendix 9.	Section 5.2 Table 6	Reporting table	Cadia Environmental Management Strategy (710-005-EN-STR-0001)
	5A. The Secretary must be notified in writing via the Major Projects website within seven days after the Applicant becomes aware of any non-compliance. A non-compliance notification must identify the project and the application number for it, set out the condition of approval that the project is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance. <i>Note: A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.</i>	Section 5.2 Table 6	Reporting table	Cadia Environmental Management Strategy (710-005-EN-STR-0001)
5	9. Before the commencement of construction until the completion of all rehabilitation required under this approval, the Applicant must: (a) make the following information and documents (as they are obtained, approved or as otherwise stipulated within the conditions of this approval) publicly available on its website: - The EA; - All current statutory approvals for the project;	Section 5.6	Section 5.6	Cadia Environmental Management Strategy (710-005-EN-STR-0001)

Schedule	Condition	MP Section Reference	Summary of Approach	Other Protocols
	- All approved strategies, plans and programs required under the conditions of this approval; - The proposed staging plans for the project if the construction, operation or decommissioning of the project is to be staged; - Regular reporting on the environmental performance of the project in accordance with the reporting requirements in any plans or programs approved under the conditions of this approval; - A comprehensive summary of the monitoring results of the project, reported in accordance with the specifications in any conditions of this approval, or any approved plans and programs; - A summary of the current phase and progress of the project; - Contact details to enquire about the project or to make a complaint; - A complaints register, updated monthly; - The Annual Reviews of the project; - Audit reports prepared as part of any Independent Environmental Audit of the project and the Applicant's response to the recommendations in any audit report; - Any other matters required by the Secretary; and (b) keep such information up to date, to the satisfaction of the Secretary.			

2.3 Environmental Protection Licence

Environmental Protection Licence (EPL) (number 5590) was obtained for the project under Section 55 of the *Protection of the Environment Operations Act 1997*. The EPL⁸ contains a range of conditions pertaining to environmental management. There are no EPL conditions that are relevant to the HHMP.

2.4 NSW Heritage Act 1977 (Section 60)

Approval has been obtained for a Section 60 works application (application reference 02/s60/143) under the *Heritage Act 1977* NSW (the Act) to install anti-vibration strengthening framework at the Engine House, Crusher room and Chimney, and monitoring equipment. An application to extend the anti-vibration strengthening framework and monitoring program until 30 June 2031 under Section 65A of the Act was approved on 2 February 2024.

Table 3 summarises the conditions from the Section 60 approval, along with the conditions updated as part of the Section 65A approval and the Summary of Approach to address these conditions..

⁸ [Environmental Protection License 5590.pdf \(caapp.com.au\)](#)

Table 3: Section 60 works application 02/s60/143 conditions as modified under Section 65A of the Act

Condition number	Condition	MP Section Reference	Summary of Approach	Other Protocols
1	The anti-vibration strengthening is to be in place until 30 June 2031. At the end of this period, all the strengthening framework and foundations are to be removed from the listed curtilage, all surfaces made good, moveable artefacts replaced in-situ and the existing configuration of timber roof and walls on the engine house restored. The extension of the operational lifespan of the existing anti-vibration strengthening framework and monitoring framework shall be in accordance with the 'Updated Heritage Impact Statement for Cadia Engine House and Surrounds', prepared by International Conservation Services, dated October 2023.	Section 6.3 and Table 6	Routine inspections of the structural fabric of the buildings and reporting	Updated Heritage Impact Statement for Cadia Engine House and Surrounds
2	A protocol is to be developed for the protection of the structures and the ground surfaces against grout and concrete slurry spillage. This is to be submitted in writing for the written approval of the Director of Heritage NSW before works begin on site.	This Table, Section 2.5 and Table 6	Protocol to be developed as required for remedial works per advice from the approved structural engineer and archaeologist.	Conservation Management Plan (710-005-EN-PLA-0031) Part B Policy 2025
3	Fixings are not to be drilled into the significant stone and brick surfaces.	This Table and Section 2.5	Protocol to be developed as required for remedial works per advice from the approved structural engineer and archaeologist.	Conservation Management Plan (710-005-EN-PLA-0031) Part B Policy 2025
4	Any paving lifted during the work is to be marked to indicate its original position and provenance, stored in a secure location on site and returned to the same positions after the strengthening works have been removed.	This Table, Section 2.5, Section 6.2.3, Section 6.3 and Table 6	Routine inspections of the buildings and subsequent reporting Repairs made in accordance with	Conservation Management Plan (710-005-EN-PLA-0031) Part B Policy 2025

Condition number	Condition	MP Section Reference	Summary of Approach	Other Protocols
			Structural Engineers and Conservators specification.	
5	Mortar to be used in repairs on the structures is to be lime mortar, without the addition of cement and to match the existing in colour, texture and porosity.	This Table, Section 2.5, Section 6.2.3, Section 6.3 and Table 6	Routine inspections of the buildings and subsequent reporting. Repairs made in accordance with Structural Engineers and Archaeologists specification.	Conservation Management Plan (710-005-EN-PLA-0031) Part B Policy 2025
6	Ground vibrations will be monitored and recorded for each blast at the Chimney blast monitoring station.	Section 5.1 and Table 6	Blast and Ground Vibration are monitored as per the BMP	Blasting is summarised in the BMP (710-005-EN-PLA-0002)
7	Ground vibration as measured at the Chimney blast monitoring station over any one calendar month will be limited to: i 95% percentile = 25mm/sec ii 99% percentile = 30mm/sec iii Maximum = 55mm/sec	Section 5.1 and Table 6	Blast and Ground Vibration are monitored as per the BMP	Blasting is summarised in the BMP (710-005-EN-PLA-0002)
8	Geophones and/or strain gauges are to be installed on the Engine House, Crusher Room and Chimney to monitor vibration levels for each blast. The geophones and gauges to monitor dynamic amplification of vibrations in the structures.	Section 5.1 and Table 6	Blast and Ground Vibration are monitored as per the BMP	Blasting is summarised in the BMP (710-005-EN-PLA-0002)
9	A suitably qualified and experienced structural engineer, with expertise in vibration monitoring is to examine all monitoring records. The appointment of the structural engineer is to be approved in writing by the Director of Heritage NSW.	Section 5.1 and Table 6	Blast and Ground Vibration are monitored as per the BMP	Blasting is summarised in the BMP (710-005-EN-PLA-0002)

Condition number	Condition	MP Section Reference	Summary of Approach	Other Protocols
10	The structural engineer is to report to the applicant on the monitoring results; a) monthly up to the end of six months of blasting, b) six monthly for the remainder of the approved five year period, and make recommendations to ensure the conservation and prevention of damage to the significant structures. Copies of these reports are to be forwarded to Heritage NSW.	Section 5.1 and Table 6	Routine reporting identifying outcomes from routine inspections and blast and vibration monitoring	Blasting is summarised in the BMP (710-005-EN-PLA-0002)
11	The structures are to be inspected by the applicant; a) Weekly for the first month of blasting after the strengthening is in place and any damage immediately reported to the structural engineer and in writing to Heritage NSW, b) Monthly thereafter or after 20 blasts, whichever is first and any damage immediately reported to the structural engineer and in writing to Heritage NSW, c) Immediately after any blast exceeding 50mm/sec and any damage immediately reported to the structural engineer and in writing to Heritage NSW.	Section 6.2.3	Routine inspections and reporting on inspection outcomes. Note that condition 11 a) is no longer applicable	Blasting is summarised in the BMP (710-005-EN-PLA-0002)
12	The approved structural engineer is to inspect the structures as soon as practical, but no later than 3 days after damage is reported. During the period between damage being reported and the engineer's inspection, ground vibration from blasting is to be limited to a maximum of 15mm/sec unless the structural engineer recommends otherwise. The structural engineer is to advise the applicant and Heritage NSW if any action is required to repair the damage.	Section 2.5, Section 6.2.3 and Table 6	Routine inspections and reporting on inspection outcomes	Blasting is summarised in the BMP (710-005-EN-PLA-0002)
13	The approved structural engineer is to make an assessment whether blasting is to cease in order to stabilise or repair the damage, and advise the applicant. Blasting is not to recommence until the damage has been stabilised or repaired, and the written approval of the Director of Heritage NSW has been provided.	Section 2.5, Section 6.2.3 and Table 6	Routine inspections and reporting on inspection outcomes	Blasting is summarised in the BMP (710-005-EN-PLA-0002)
14	The structures are to be inspected by the approved structural engineer; a) Prior to commencing blasting, but after the anti-vibration strengthening is in place, b) After one month or after 20 blasts exceeding 15mm/sec whichever is first, c) Yearly or after 150 blasts exceeding 15mm/sec whichever is first, d) More frequently if considered necessary by the approved structural engineer to ensure the conservation of the structures.	Section 6.2.3 and Table 6	Routine inspections and reporting on inspection outcomes	Blasting is summarised in the BMP (710-005-EN-PLA-0002)

Condition number	Condition	MP Section Reference	Summary of Approach	Other Protocols
15	A photographic record is to be prepared of all structures and all elevations, prior to work being carried out, after the strengthening work is carried out but prior to blasting exceeding 15 mm/sec, and at then at yearly intervals prior to the approved structural engineer's inspections. The photographs before and after works are to be of archival quality in accordance with the Heritage NSW guidelines, How to Prepare Archival records of Heritage Items and Guidelines for Photographic Recording of Heritage Sites, Buildings and Structures (2001). One copy of photographic record is to be lodged with Heritage NSW and with Cabonne Shire Council within eight weeks of work beginning and within eight weeks of work being completed. [Note: the 'Guidelines for preparing archival recordings of heritage items as a condition of consent' by the Department of Climate Change, Energy, the Environment and Water, dated 2025 is the latest relevant guideline document, and it allows for a wider range of recording approaches]	Section 6.2.3 and Table 6	Routine inspections and reporting on inspection outcomes	Conservation Management Plan (710-005-EN-PLA-0031) Part B Policy 2025 Heritage NSW guidelines
16	Measured drawings are to be prepared of the Crusher House under the direction of the nominated Excavation Director noting location of moveable elements, in addition to a text description and the photographic record of the items. The text description is to include a detailed identification of the elements and an explanation of their function. An assessment of significance should also be made where this hasn't been covered in sufficient detail in the Conservation Management Plan for the site (Relics section, Vol III, Godden McKay Logan, 1995). Moveable items are to be stored on site in a secure and dry location during the works and returned to their original positions when the strengthening is removed.		Completed as strengthening works are in place. As per Conservation management Plan	Conservation Management Plan (710-005-EN-PLA-0031) Part B Policy 2025
17	The foundations for the strengthening works are to be excavated by hand by archaeologists under the direction of the nominated Excavation Director. If the nominated Excavation Director will be absent from the site for more than 50% of the archaeological activity, the Applicant must forward for the approval of the Director of Heritage NSW the details of the Site Director in charge for this period.	Section 2.5	Records from strengthening works kept	Conservation Management Plan (710-005-EN-PLA-0031) Part B Policy 2025 Cadia Heritage Website
18	The Applicant must ensure that if substantial intact archaeological deposits and/or State significant relics not identified in the Statement of Heritage Impact, prepared by Hughes Trueman dated December 2002, or Recommendations for Cadia Engine House prepared by	Section 2.5 and Table 6	Archival recording and salvage	Cadia Heritage Website

Condition number	Condition	MP Section Reference	Summary of Approach	Other Protocols
	Edward Higginbotham & Associates dated 11 December 2002, are discovered, work must cease in the affected area(s) and Heritage NSW contacted for advice. Additional assessment and approval may be required prior to works continuing in the affected area(s) based on the nature of the discovery			Cadia Unexpected Finds Procedure (710-005-EN-PRO-0004)
19	The Applicant must ensure that the nominated Excavation Director takes adequate steps to record in detail relics, structures and features discovered on the site during the archaeological works in accordance with the approved research design and current best practice guidelines. This work must be undertaken in accordance with the Heritage NSW guidelines, How to Prepare Archival records of Heritage Items and Guidelines for Photographic Recording of Heritage Sites, Buildings and Structures (2001). [Note: the 'Guidelines for preparing archival recordings of heritage items as a condition of consent' by the Department of Climate Change, Energy, the Environment and Water, dated 2025 is the latest relevant guideline document, and it allows for a wider range of recording approaches]	Table 6	Records from archaeological works kept	Cadia Heritage Website Heritage NSW Guidelines Cadia Unexpected Finds Procedure (710-005-EN-PRO-0004)
20	The Applicant must ensure that the unexcavated artefacts, structures and features are not subject to deterioration, damage or destruction.	Section 6.2.3 and Table 6	Archival recording Routine inspections and reporting	Conservation Management Plan (710-005-EN-PLA-0031) Part B Policy 2025
21	The Applicant is responsible for the safe-keeping of all relics recovered from the site.	Table 6	Archival recording and salvage	Cadia Heritage Website Conservation Management Plan (710-005-EN-PLA-0031)

Condition number	Condition	MP Section Reference	Summary of Approach	Other Protocols
22	The Applicant must ensure that the nominated Excavation Director cleans, stabilises, identifies, labels, catalogues and stores any artefacts uncovered from the site in a way that allows them to be retrieved according to both type and provenance.	Table 6	Archival recording and salvage	Cadia Heritage Website
23	Heritage NSW reserve the right to inspect the site and records at all times and access any relics recovered from the site.	Section 2.5		
24	In accordance with section 146(b) of the NSW Heritage Act, 1977, the Applicant must ensure that the final report is prepared by the nominated Excavation Director, to publication standard, within one (1) year of the conclusion of the project unless an extension of time is approved by the Heritage Council of NSW. Two copies of this report must be submitted to Heritage NSW. At least one electronic copy should also be submitted to Heritage NSW. A further copy must be lodged in the local library or another appropriate local repository in the repository in the Cabonne Shire Council area. a) The Heritage Council of NSW requires, as stated in section 146(b), that the final report shall include: b) An executive summary c) Due credit to the client paying for the excavation on the title page d) An accurate site location and site plan e) Historical research, references, and bibliography f) Detailed information on the excavation including the aim, the context for the excavation, procedures, analysis, treatment of artefacts (cleaning, conserving, sorting, cataloguing, labelling, scale drawings, photographs, repository) g) Nominated repository for the items h) Detailed response to research questions i) Details of how this information about this excavation has been publicly disseminated.	Table 6	Final report	

Details of these other approvals are included in the Cadia Licences and Permits Summary document⁹ available on the Cadia webpage.

3 ROLES, RESPONSIBILITIES AND TRAINING

3.1 Roles and Responsibilities

Roles, responsibilities, and accountabilities specific to this HHMP are included in Table 4.

The EMS document includes general information on the responsibilities and accountabilities for environmental management at Cadia.

Table 4: Responsibilities and accountabilities.

Step	Task	Director- Environment	Lead- Environment	Lead- Social Performance	Environment and SP Team
1	Undertake routine Monthly Inspections of Heritage Precinct	I	A	I	R
2	Coordinate Annual Inspections to be conducted by the Structural Engineer	I	A	I	R
3	Coordinate routine maintenance tasks at Cadia Engine House	I	A	I	R
4	Update this Plan as and when required	A	C	I	R
5	Coordinate Actions as identified in the Conservation Management Plan	A	C	I	R
6	Coordinate Actions as identified during the Annual or Monthly Inspections	A	C	I	R
7	Obtain appropriate approvals prior to conducting required Actions as identified during Annual or Monthly Inspections	A	C	I	R
8	Submit Monthly Report to Heritage NSW	I	A		R

I – Informed, A – Accountable, R – Responsible, C - Consulted

3.2 Training

Approved Structural Engineer/s train Cadia personnel periodically to conduct monthly inspections of the Cornish Engine House SHR0079 as required by the Section 60 approval. The on-site training is conducted one on one, or in small groups, and consists of a detailed tour of the site, and in-depth discussion on areas of interest and items to closely monitor at the facility.

Cadia personnel receive training during their General Site Induction, which details how all those on site at Cadia can contribute to protecting and preserving historical heritage.

⁹ [Cadia Licences and Permits Summary.pdf \(caapp.com.au\)](#)

4 ENVIRONMENTAL RISKS, MANAGEMENT AND MITIGATION

4.1 Overview

Historical Heritage management and mitigation measures currently implemented at Cadia are described in Table 6 by the applicable risk scenario. The management and mitigation measures have been assigned to a responsible role and a timeframe for implementation to ensure that actions can be tracked to completion.

4.2 Historical Heritage Related Risks and Management Approach

Historical Heritage management and mitigation measures currently implemented at Cadia are listed in Table 5 by the applicable risk scenario. There are several Heritage Precincts mentioned, and these are detailed in Figure 2. The management and mitigation measures have been assigned to a responsible role and a timeframe for implementation to ensure that actions can be tracked to completion. Table 5 also includes details of other related documents which contain details of how the risk scenario is effectively managed.

Table 5: Environmental risks and management relevant to this MP

Risk Scenario	Management / Mitigation Measure	Responsibility	Timeframe	Other Related Documents
Damage to heritage items outside the project disturbance area, but within the vicinity of the site	The use of Environmental Impact Permits Site inductions Boundary Fencing	Lead-Environment	As required	710-005-EN-PRO-0006: Environmental Impact Permit
Damage to heritage items due to blasting	Monitoring as required by the Blast Monitoring Program	Lead-Environment	As required	710-005-EN-PLA-0002: Blast Monitoring Program
Damage to heritage items due to disturbance	The use of Environmental Impact Permits Unexpected Finds Procedure Stop Work Authority Prior approval to demolish and/or disturb the item	Lead-Environment	As required	710-005-EN-PRO-0006: Environmental Impact Permit This document – Section 4 710-005-EN-PRO-0004: Cadia Unexpected Finds Procedure
Loss of heritage items from within the project disturbance area (Te Anau Homestead)	Completion of Archival Recording Salvage and storage of wall component of meat house	Advisor-Environment	Completed in 2005 and 2022	Refer to the Cadia 2023-24 Annual Review for summary of demolition
Loss of heritage items from within the project disturbance area	Completion of Archival Recording Salvage of heritage items	Advisor-Environment	Completed between 2009 and 2013	Refer to the Cadia 2013-14 Annual Environmental Management Report

(Wire Gully Gold Workings)				
Loss of heritage items from within the project disturbance area (Little Cadia Copper Mine)	Completion of Archival Recording Salvage of heritage items	Advisor-Environment	Completed between 2004 and 2006	Refer to the Cadia 2016-17 Annual Environmental Management Report
Loss of interpretation potential for Cadia Village	Prepare an interpretation plan for the Cadia Village	Advisor-Environment	Completed March 1997	Report on Site Survey of Archaeological Remains at the site of the East Cadia Village, Cadia, NSW (Higginbotham, 1997). Cadia Village Rep (cadiavalleyheritage.com.au)

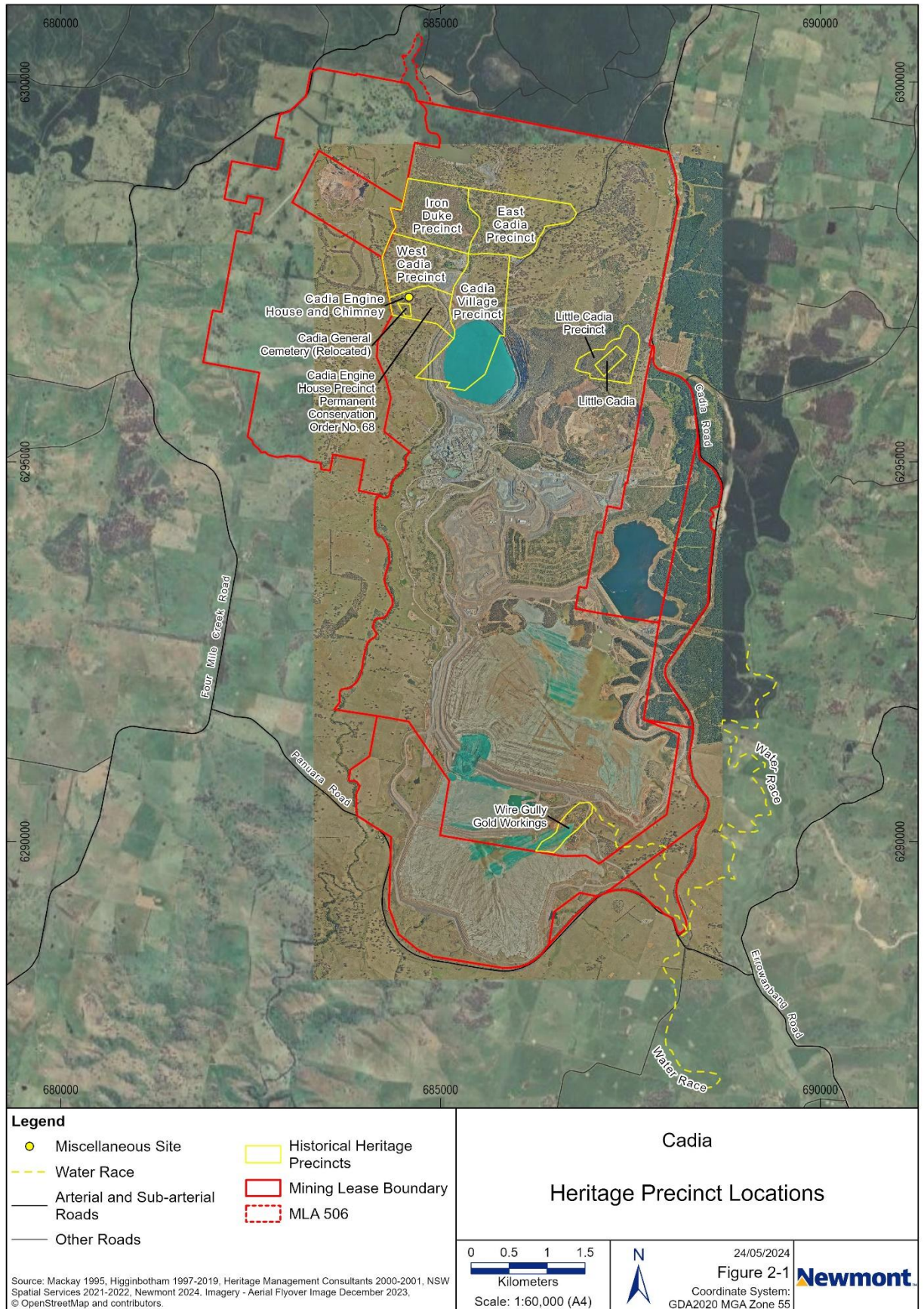


Figure 2- Heritage Precinct Locations

Sub Department: Environment	THIS DOCUMENT IS UNCONTROLLED IN HARD COPY FORMAT	Doc ID: 710-005-EN-PLA-0013
Revision: 3.5	Date Issued: 08/08/2025	Page 24 of 29

4.3 Objectives and Targets

The key objective of the HHMP is to ensure that all requirements of the Cadia East Project Approval (PA 06_0295) relevant to Historical Heritage are defined, with suitable targets and Key Performance Indicators (KPIs) assigned to a responsible person. The CEMS describes the process for establishing and reviewing objectives and targets.

4.4 Improvement Actions

As part of continual improvement, which is a key aspect of the CEMS, improvement actions are identified to enhance the performance of management and mitigation measures. The CEMS includes a detailed description of the continual improvement process which is applied to all Cadia Management Plans. In short, improvement actions identified are committed via the Annual Review and future revisions of this Management Plan.

5 MEASUREMENT AND EVALUATION

5.1 Monitoring Program

Blast Monitoring is detailed in the Blast Monitoring Program (710-005-EN-PLA-0002) and is outside the scope of this Management Plan. [Blast Monitoring Program \(caapp.com.au\)](http://caapp.com.au)

Monthly and annual Inspections are required by the Section 60 approval granted for the installation of the strengthening steel. The inspections intend to visually monitor the condition of the Cornish Engine House precinct and identify any maintenance or rectification works that might be required. Further detail on inspections is included in Section 6.2.3.

Historical workings at risk of subsidence are managed via the Historic Workings at Risk of Subsidence Management Plan (710-005-EN-PLA-0014). The purpose of this document is to provide guidance and an action plan to manage the risk of subsidence and unauthorised access to areas of historic mine workings. The Management Plan includes planning for future fencing projects and an annual inspection of fencing.

5.2 Reporting and Records

5.2.1 Overview

A baseline photo set of the Cornish Engine House was collated in 2012 and has subsequently been used to aid visual inspections. A more recent set has been collated in 2024 and were submitted to Heritage NSW and Cabonne Shire Council (as required by the s60 approval).

5.2.2 Reporting Requirements

A summary of reporting requirements specific to this MP are included in Table 6.

Table 6: Reporting requirements

Reporting mechanism	Reporting requirement	Reporting commitment
Cadia East Project Approval (PA 06_0895)		
Cadia Annual Review	Annual Review (Schedule 5, Condition 2) (a), (b), (d) and (e)	By the 31 October each year a report will be submitted to the Department (Varied by approval to end of October).
	Schedule 5; Condition 2A	Copies of the Annual Review will be submitted to Councils and other relevant

Reporting mechanism	Reporting requirement	Reporting commitment
		agencies and made available to the CCC and any interested person upon request.
Non-Compliance	Schedule 5, Condition 5B The Secretary must be notified in writing via the Major Projects website within seven days after the Applicant becomes aware of any non-compliance (refer to the full condition in PA 06_0895 for procedural requirements). Note: A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	The Secretary will be notified in writing within seven days of any heritage related non-compliance.
Incident	Schedule 5, Condition 5 The Applicant must notify the Department within 24 hours of becoming aware of an incident (refer to the full condition in PA 06_0895 for procedural requirements).	The Secretary will be notified in writing within 24 hours of identification of a heritage related incident..
Section 60 works application reference 02/s60/143		
Emailed Report	s60; Strengthening Structure Approval	Annual Engineers Report Monthly Inspection Report
Final report	s60 Condition 24	Final report following completion of the project. The final report shall include the following: a) The Heritage Council of NSW requires, as stated in section 146(b), that the final report shall include: b) An executive summary c) Due credit to the client paying for the excavation on the title page d) An accurate site location and site plan e) Historical research, references, and bibliography f) Detailed information on the excavation including the aim, the context for the excavation, procedures, analysis, treatment of artefacts (cleaning, conserving, sorting, cataloguing, labelling, scale drawings, photographs, repository) g) Nominated repository for the items h) Detailed response to research questions

Reporting mechanism	Reporting requirement	Reporting commitment
		i) Details of how this information about this excavation has been publicly disseminated.

5.3 Incident and Emergency Management

Cadia has established processes to ensure incidents and emergencies are responded to and managed. The Cadia Emergency Management Plan (EMP) identifies the process to respond to situations that require an emergency response, including scenarios that may result in an environment or community impact. The Crisis and Emergency Management System can be initiated following an emergency or other event that meets the system activation / severity definition requirements. To enable quick response to emergency situations, an Emergency Response Team (ERT) with trained professionals is embedded at Cadia.

Regarding incidents, the Pollution Incident Response Management Plan (PIRMP) provides clear instruction on the identification, reporting, escalation, and external reporting of environmental incidents to regulatory and emergency response organisations. All incidents are managed and investigated using Cadia's internal incident management system.

Further detail on Cadia's approach to incident and emergency management is included in the EMS document.

5.4 Complaints

Cadia has an established procedure for recording and responding to community complaints in an appropriate timeframe. A log of complaints and actions taken to address the complaint is kept in a centralised engagement database.

5.5 Non-Compliances

Processes are in place to detect, record, report, and manage non-compliances with Cadia's regulatory requirements. This includes frequent checks of environmental monitoring data, regular detailed review, and analysis of monitoring data, including as part of annual reporting processes, and site environmental inspections and audits, amongst others. Actions identified to respond to non-compliances are managed using the centralised management system.

Heritage NSW would be consulted in the event of any non-compliances identified.

5.6 Access to Information

The Project Approval requires that certain documents are produced, approved (by DPHI) and published on the company website. The CEMS document includes additional information on the documents requiring publication.

Cadia hosts a website dedicated to the historical history of the Cadia Valley, where historical information is available in detail. [Newmont - Cadia Heritage Website - \(cadiavalleyheritage.com.au\)](http://Newmont - Cadia Heritage Website - (cadiavalleyheritage.com.au))

The Cadia website ([Home - Cadia Valley Operations | Cadia Valley Operations | Newmont](#)) hosts information pertinent to Schedule 5; Condition 9 of the approval, including information on how members of the public can make enquiries or complaints. This management plan, once approved by the Secretary, is also made publicly available on this webpage.

6 REVIEW AND IMPROVEMENT

6.1 Performance Review

Periodic reviews of Cadia's performance against the established environmental and social objectives and targets are conducted by Cadia management. The purpose of the reviews is to check performance against indicators and to identify improvement actions in the event the data trajectory isn't tracking as planned. These reviews are in addition to the detailed review of environmental and social performance data undertaken as part of annual reporting processes.

Refer to the CEMS document for further detail on the performance review process.

6.2 Auditing and Inspections

6.2.1 Internal Audits

Procedures are in place for measuring, assessing, and improving environmental and community performance through internal audits. Refer to the CEMS document for further detail on the internal audit process.

6.2.2 External Audits

The Project Approval requires that periodic independent compliance audits are undertaken. The audits and the recording and documentation of outcomes follow a standardised process as described in the CEMS document (see Section 2 and Table 3 of CEMS).

As per Schedule 5; Condition 7 of the Project Approval, Cadia will carry out Independent Environmental Audits in accordance with the *Independent Audit Post Approval Requirements (2020)* or its most recent version.

6.2.3 Inspections

Environmental inspections are conducted on a routine basis across operational areas at Cadia. The purpose of the inspections is to ensure compliance with Cadia's approvals and commitments. Inspections focus on general environment risk mitigation and are planned, assigned, and completed as per the internal procedures and templates referenced in the CEMS document.

As per approval granted under s65A of the Heritage Act 1977, Cadia undertakes monthly inspection of the Cornish Engine House. Annual Inspections are also required to be undertaken by approved structural engineer Alexander Been of AC Been Consulting Engineers Pty Ltd. The inspection schedule is detailed in Table 7.

Table 7: Inspection schedule

Task	Frequency	Key Tasks
Inspect Cornish Engine House and SHR0079 Area	Annual	Identify changes to the structural fabric of the buildings. Identify maintenance tasks that may require completion. Monitor condition of strengthening steel and identify any maintenance tasks required to maintain the integrity and function of steel.
Inspect Cornish Engine House and SHR0079 Area	Monthly	Identify changes to the structural fabric of the buildings. Identify issues which may lead to accelerated deterioration of the site, such as pests. Confirm exclusion of stock from the area. Review blast monitoring data.

6.3 Continuous Improvement

Processes to strive towards continuous improvement of environmental and social performance have been developed and are implemented as described in the CEMS document. Key aspects of continual improvement procedures are incorporated into annual work plans and annual objectives and target setting.

6.4 Management Plan Review

This management plan will be updated according to Schedule 5; Condition 3 of the Project approval. That is, within 3 months of the below (unless approved otherwise by the Secretary), this Plan will be reviewed, and if necessary, updated to the satisfaction of the Secretary.

- a) The submission of an annual review under Condition 2;
- b) The submission of an incident report under condition 5 or 5A;
- c) The submission of an audit under condition 7; and
- d) Any modification of the approval; or
- e) A direction of the Secretary under condition 2 of Schedule 2.

A procedure has been developed for the review and update of management plans. This procedure requires that management plans are reviewed and where necessary updated following a key change in the site's approvals, changes to monitoring sites or frequency, or an update of the site risk register. Further detail on the process of management plan review is included in the CEMS document.