

# Project Approval

## Section 75J of the *Environmental Planning & Assessment Act 1979*

I approve the project application referred to in schedule 1, subject to the conditions in schedules 2 to 5.

These conditions are required to:

- prevent, minimise, and/or offset adverse environmental impacts;
- set standards and performance measures for acceptable environmental performance;
- require regular monitoring and reporting; and
- provide for the ongoing environmental management of the project.

The Hon Tony Kelly MLC  
Minister for Planning

Sydney 6 January 2010

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***The Department has prepared a consolidated version of the consent which is intended to include all modifications to the original determination instrument.***

***The consolidated version of the consent has been prepared by the Department with all due care. This consolidated version is intended to aid the consent holder by combining all consents relating to the original determination instrument but it does not relieve a consent holder of its obligation to be aware of and fully comply with all consent obligations as they are set out in the legal instruments, including the original determination instrument and all subsequent modification instruments.***

# CONSOLIDATED APPROVAL

## SCHEDULE 1

<b>Application No.:</b>	06_0295
<b>Applicant:</b>	Cadia Holdings Pty Limited
<b>Approval Authority:</b>	Minister for Planning
<b>Land:</b>	See Appendix 1
<b>Project:</b>	Cadia East Project, including the: <ul style="list-style-type: none"><li>• Cadia East underground mine;</li><li>• Cadia Hill open cut mine;</li><li>• Ridgeway underground mine;</li><li>• Blayney and CVO Dewatering Facilities; and</li><li>• ancillary infrastructure, together known as the Cadia Valley Operations.</li></ul>

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~~Blue type represents September 2010 modification – MOD 1~~

~~Red type represents October 2010 modification – MOD 2~~

~~Green type represents August 2011 modification – MOD 3~~

~~Light blue type represents May 2014 modification – MOD 4~~

~~Orange represents August 2014 modification – MOD 5~~

~~Pink type represents August 2015 modification - MOD 6~~

~~Purple type represents August 2015 modification - MOD 7~~

~~Grey type represents April 2016 modification – MOD 8~~

~~Orange type represents April 2017 modification – MOD 9~~

~~Lime type represents March 2018 modification – MOD 10~~

~~Mustard type represents April 2018 modification – MOD 11~~

~~Lilac type represents September 2018 modification – MOD 12~~

~~Blue (Accent 1, 25% Darker) represents December 2019 modification – MOD 13~~

~~Brown type represents December 2021 modification – MOD 14~~

~~Red type represents January 2025 modification – MOD 15~~

~~Grey type represents February 2026 modification – MOD 17~~

# CONSOLIDATED APPROVAL

## TABLE OF CONTENTS

<b>DEFINITIONS</b>	<b>4</b>
<b>ADMINISTRATIVE CONDITIONS</b>	<b>6</b>
OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT	6
TERMS OF APPROVAL	6
LIMITS ON APPROVAL	6
SURRENDER OF CONSENTS	7
STRUCTURAL ADEQUACY	7
DEMOLITION	7
PROTECTION OF PUBLIC INFRASTRUCTURE	7
OPERATION OF PLANT AND EQUIPMENT	7
PLANNING AGREEMENT	7
PANUARA ROAD REALIGNMENT	7
STAGED SUBMISSION OF STRATEGIES, PLANS OR PROGRAMS	8
NOTIFICATION	8
PAYMENT OF REASEABLE COSTS	8
APPLICABILITY OF GUIDELINES	8
<b>ENVIRONMENTAL PERFORMANCE CONDITIONS</b>	<b>9</b>
ACQUISITION OF AFFECTED PROPERTIES	9
NOISE	9
BLASTING AND VIBRATION	13
AIR QUALITY	14
METEOROLOGICAL MONITORING	17
SOIL AND WATER	17
REHABILITATION AND BIODIVERSITY OFFSETS	20
ABORIGINAL HERITAGE	24
HISTORICAL HERITAGE	24
TRANSPORT	24
VISUAL	25
WASTE	26
HAZARDS AND RISKS	26
HYDROCYCLONE SANDS TAILINGS PILOT PLANT	26
<b>ADDITIONAL PROCEDURES</b>	<b>27</b>
NOTIFICATION OF LANDOWNERS	27
INDEPENDENT REVIEW	27
LAND ACQUISITION	27
<b>ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING</b>	<b>29</b>
ENVIRONMENTAL MANAGEMENT	29
COMPLIANCE	30
INDEPENDENT ENVIRONMENTAL AUDIT	30
ACCESS TO INFORMATION	30
UPDATING AND STAGING OF STUDIES, STRATEGIES AND PLANS	31
<b>APPENDIX 1: SCHEDULE OF LAND</b>	<b>32</b>
<b>APPENDIX 2: PROJECT LAYOUT PLANS</b>	<b>38</b>
<b>APPENDIX 3: PREVIOUS EAS</b>	<b>42</b>
<b>APPENDIX 4: RECEIVER LOCATION PLANS</b>	<b>44</b>
<b>APPENDIX 5: WATER CATCHMENTS AND GROUNDWATER DRAWDOWN PLANS</b>	<b>46</b>
<b>APPENDIX 6: REHABILITATION PLAN AND OFFSET STRATEGY</b>	<b>49</b>
<b>APPENDIX 7: GENERAL TERMS FOR THE PLANNING AGREEMENT</b>	<b>54</b>
<b>APPENDIX 8: INDEPENDENT DISPUTE RESOLUTION PROCESS</b>	<b>55</b>
<b>APPENDIX 9: INCIDENT NOTIFICATION AND REPORTING REQUIREMENTS</b>	<b>56</b>

# CONSOLIDATED APPROVAL

## DEFINITIONS

AHD	Australian Height Datum
Ancillary Infrastructure	Infrastructure that is ancillary to the operation of the project, including: <ul style="list-style-type: none"><li>• items listed in Table 2-3 of the EA, plus project-related items within new mining lease application areas described in the EA;</li><li>• the concentrate and water pipelines to the Blayney and CVO dewatering facilities; and</li><li>• the pipeline, pumps, powerlines and access tracks associated with the Belubula River pumping station and Flyers Creek weir</li></ul>
Annual Review	The review required by condition 2 of schedule 5
Applicant	Cadia Holdings Pty Limited, or any person carrying out any development under this approval
BCA	Building Code of Australia
BCS	Biodiversity Conservation and Science Group of NSW Department of Climate Change, Energy, the Environment and Water
Buttressing of the NTSF and STSF embankments	Buttressing and embankment construction works for the NTSF and STSF as detailed in Modification 15
CCC	Community Consultative Committee
Councils	Orange City Council, Blayney Shire Council and Cabonne Shire Council
CVO Dewatering Facility	The dewatering facility as described in Appendix 2
Day	The period from 7 am to 6 pm on Monday to Saturday, and 8 am to 6 pm on Sundays and Public Holidays
DCCEEW Water	Water Group within the NSW Department of Climate Change, Energy, the Environment and Water
Department	Department of Planning, Housing and Infrastructure
EA	The <i>Environmental Assessment Cadia East Project</i> (2 volumes), dated June 2009 as modified by the: <ul style="list-style-type: none"><li>• <i>Cadia East Project – Response Submissions</i>, dated 17 November 2009;</li><li>• <i>Cadia East Project – Biodiversity Offset</i>, dated 28 September 2009;</li><li>• <i>Cadia Hill Decline Environmental Assessment</i>, dated July 2010;</li><li>• <i>Blayney Dewatering Facility Environmental Assessment</i>, dated August 2010;</li><li>• <i>Concentrate and Return Water Pipeline Modification Environmental Assessment</i>, dated June 2011;</li><li>• <i>Cadia East Surface Preconditioning Program Environmental Assessment</i>, dated February 2014;</li><li>• <i>Cadia East Surface Blasthole Preconditioning Program Environmental Assessment</i>, dated July 2014;</li><li>• <i>Cadia Valley Operations Processing Rate Modification Environmental Assessment</i>, dated March 2015, and associated response to submissions;</li><li>• <i>Cadia Valley Operations Biodiversity Area Offset Modification Environmental Assessment</i>, dated May 2015;</li><li>• <i>Cadia Valley Operations Surface Preconditioning and On-Site Warehouse Modification Environmental Assessment</i>, dated February 2017;</li><li>• <i>Cadia Valley Operations Molybdenum Recovery Plant Relocation Modification Environmental Assessment</i>, dated February 2018;</li><li>• <i>Cadia Valley Operations In-Pit Tailings Modification Environmental Assessment</i>, dated March 2018, and associated response to submissions;</li><li>• <i>Cadia Valley Operations, Cadia Hill Tailings Continuation Modification Statement of Environmental Effects</i>, dated August 2018;</li><li>• <i>Cadia Valley Operations, Cadia Hill Tailings Completion – Modification Report</i>, dated September 2019;</li><li>• <i>Cadia Modification 14 Processing Rate Modification Report</i>, dated December 2020, associated <i>Cadia Modification 14 Processing Rate Submissions Report</i>, dated April 2021, and additional information provided by the Applicant to support the modification application and included in Appendix A of the Department's assessment report on Modification 14;</li><li>• <i>Modification 15 - Tailings Storage Facility Embankment Buttressing</i>, dated November 2023, associated <i>Submissions Report Modification 15 Tailings Storage Facility Embankment Buttressing</i>, dated May 2024, and <i>Amendment Report</i>, dated 2 October 2024 and additional information provided by the Applicant to support the modification application and included in Appendix A of the Department's assessment report on Modification 15; and</li><li>• <i>Modification 17 - Confirmation of Approved Disturbance Footprint</i>, dated January 2026, and additional information provided by the Applicant to support</li></ul>

# CONSOLIDATED APPROVAL

the modification application and included in Appendix A of the Department's assessment report on Modification 17.

EPA	Environment Protection Authority
EP&A Act	Environmental Planning and Assessment Act 1979
EPL	Environment Protection Licence issued by EPA under the Protection of the Environment Operations Act 1997
Evening	The period from 6 pm to 10 pm
Feasible	Feasible relates to engineering considerations and what is practical to build
Heritage NSW	Heritage NSW, as delegate of the NSW Heritage Council
Hydrocyclone sands tailings pilot plant	The facility described as the hydrocyclone sands trial tailings pilot plant, as detailed in Modification 15 and in Figure 1.1, Appendix 2
Hydrocyclone sands tailings test embankments	The hydrocyclone sands tailings test embankment, as detailed in Modification 15
Incident	A set of circumstances that causes or threatens to cause material harm to the environment, and/or breaches or exceeds the limits or performance measures/criteria in this approval
Land	Land means the whole of a lot, or contiguous lots owned by the same landowner, in a current plan registered at the Land Titles Office at the date of this approval
Material harm	<p>Is harm that:</p> <ul style="list-style-type: none"><li>• involves actual harm to the environment that may include (but not be limited to) a leak, spill, emission other escape or deposit of a substance, and as a consequence of that environmental harm (pollution), may cause harm to the health or safety of people; or</li><li>• results in actual loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000 (such loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment).</li></ul> <p><b>Note:</b> This definition excludes "harm" that is either authorised under this approval or any other statutory approval.</p> <p><b>Note:</b> For the purposes of this definition, material harm excludes incident captured by Work Health and Safety reporting requirements.</p>
Minimise	Implement all reasonable and feasible mitigation measures to reduce the impacts of the project
Minister	Minister for Planning and Public Spaces, or delegate
Mitigation	Activities associated with reducing the impacts of the project prior to or during those impacts occurring
NaHS Solutioning Plant	The Sodium Hydrosulphide Solutioning Plant, as depicted in Appendix 2
Night	The period from 10 pm to 7 am on Monday to Saturday, and 10 pm to 8 am on Sundays and Public Holidays
Non-compliance	An occurrence, set of circumstances or project that is a breach of this approval but is not an incident
'Non-road' mobile diesel equipment	Mobile equipment used in mining operations that is fitted with a diesel engine with a capacity >30 litres and that is self-propelled or transportable and primarily designed for off-road use
NSW Resources	NSW Resources within the Department of Primary Industries and Regional Development
NTSF	Northern Tailings Storage Facility, as depicted in Appendix 2
NTSF repair works	The encapsulation of the embankment slump of the NTSF, as detailed in Modification 14
Previous EAs	The previous environmental impact assessments for the project, as listed in Appendix 3
Privately-owned land	Land that is not owned by a public agency or a mining company (or its subsidiary)
Project	The development as described in the EA (and previous EAs)
Reasonable	Reasonable relates to the application of judgement in arriving at a decision, taking into account: mitigation benefits, cost of mitigation versus benefits provided, community views and the nature and extent of potential improvements
Rehabilitation	The treatment or management of land disturbed by the project for the purpose of establishing a safe, stable and non-polluting environment
RR	Resources Regulator at NSW Resources within the Department of Primary Industries and Regional Development
Site	The land referred to in schedule 1, and listed in Appendix 1
Secretary	Planning Secretary under the EP&A Act, or nominee
STSF	Southern Tailings Storage Facility, as depicted in Appendix 2

# CONSOLIDATED APPROVAL

## SCHEDULE 2 ADMINISTRATIVE CONDITIONS

### OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT

1. The **Applicant must** implement all reasonable and feasible measures to prevent and/or minimise any harm to the environment that may result from the construction, operation, or rehabilitation of the project.

### TERMS OF APPROVAL

2. The **Applicant must carry out the project:**
  - (a) generally in accordance with the EA;
  - (b) in accordance with the conditions of this approval; and
  - (c) in accordance with any written directions of the Secretary.

*Note: The general layout of the project is shown in Appendix 2.*

3. If there is any inconsistency between the above documents, the most recent document shall prevail to the extent of the inconsistency. However, the conditions of this approval shall prevail to the extent of any inconsistency.
4. Consistent with the requirements of this approval, the Secretary may make written directions to the **Applicant** in relation to:
  - (a) the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this approval, including those that are required to be, and have been, approved by the Secretary; and
  - (b) the implementation of any actions or measures contained in any such document referred to in condition 4(a).

### LIMITS ON APPROVAL

5. Mining operations may take place until 30 June 2031.

*Note: Under this approval, the Applicant is required to rehabilitate the site and perform additional undertakings to the satisfaction of the Secretary and NSW Resources. Consequently, this approval will continue to apply in all other respects other than the right to conduct mining operations until the site has been properly rehabilitated.*

6. The **Applicant must** not process more than 32 million tonnes of ore from the project in a calendar year, or the alternative maximum of 35 million tonnes of ore is approved as varied by condition 6A.
- 6A. A maximum of 35 million tonnes of ore from the project in a calendar year may be processed on-site, subject to the **Applicant** commissioning an independent air quality audit report to the satisfaction of the Secretary. The independent audit report must:
  - (a) be prepared in accordance with the Independent Environmental Audit requirements in Schedule 5 of this approval; and
  - (b) describe details and scheduling of all reasonable and feasible best practice measures that are being implemented for managing and minimising off-site air quality impacts of the project, particularly from NTSF, STSF, and ventilations shafts.
7. The **Applicant must** not use any cyanide or mercury to process or extract gold/copper from the project.
- 7A. The **Applicant** must only construct the NTSF and STSF using the centreline or downstream lift construction methodology, unless otherwise agreed by the Secretary.
- 7B. Prior to construction of the NaHS Solutioning Plant, the **Applicant** must conduct a Hazard and Operability Study, prepared by a suitably qualified, experienced and independent person. The study must be consistent with the Department's *Hazardous Industry Planning Advisory Paper No.8 'HAZOP Guidelines'*. Construction of the NaHS Solutioning Plant must not occur until study recommendations have been considered and, where appropriate, acted upon, to the satisfaction of the Secretary.
- 7C. The storage of sodium hydrosulphide flakes on-site must not exceed 63 tonnes.
- 7D. Operation of the hydrocyclone sands tailings pilot plant must not occur for longer than 2 years from the date of operations commencing, unless otherwise agreed by the Secretary.
- 7E. The hydrocyclone sands tailings test embankments are only permitted to occur in the location described in Appendix 2, or as otherwise agreed by the Secretary.

# CONSOLIDATED APPROVAL

## SURRENDER OF CONSENTS

8. Within 12 months of the date of this approval, or as otherwise agreed by the **Secretary**, the **Applicant must** surrender all existing development consents for the project in accordance with **section 4.63** of the EP&A Act, to the satisfaction of the **Secretary**.

*Note: This approval will apply to all components of the Cadia Valley Operations from the date of approval. The existing management and monitoring plans/strategies/programs/protocols for the project will continue to apply until the approval of the comparable plan/strategy/program under this approval.*

## STRUCTURAL ADEQUACY

9. The **Applicant must** ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA.

*Notes:*

- *Under Part 6 of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works;*
- *Part 8 of the Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021 sets out the requirements for the certification of the project.*

## DEMOLITION

10. The **Applicant must** ensure that all demolition work is carried out in accordance with AS 2601-2001: *The Demolition of Structures*, or its latest version.

## PROTECTION OF PUBLIC INFRASTRUCTURE

11. The **Applicant must**:
- repair, or pay the full costs associated with repairing, any publicly-owned infrastructure that is damaged by the project; and
  - relocate, or pay the full costs associated with relocating, any publicly-owned infrastructure that needs to be relocated as a result of the project,
- except where such works have been compensated through the planning agreement referred to in condition 13 and 13A below.

## OPERATION OF PLANT AND EQUIPMENT

12. The **Applicant must** ensure that all plant and equipment used at the site is:
- maintained in a proper and efficient condition; and
  - operated in a proper and efficient manner.

## PLANNING AGREEMENT

13. Within 12 months of the date of this approval, unless otherwise agreed by the **Secretary**, the **Applicant must** enter into a planning agreement with the Councils in accordance with Division 7 of Part 7 of the EP&A Act, that provide for contributions to the Councils for:
- upgrade of Council's road infrastructure affected by the project; and
  - general community enhancement to address social amenity and community infrastructure requirements arising from the project.

The contributions **must** be generally consistent with the terms of the offer made in the **Applicant's** letter dated 17 December 2009, and summarised in Appendix 7.

If there is any dispute between the **Applicant** and any of the Councils during the formal drafting of the planning agreement, then any of the parties involved may refer the matter to the **Secretary** for resolution.

## PANUARA ROAD REALIGNMENT

- 13A. The **Applicant must** execute a planning agreement with Blayney Shire Council prior to commencing construction of the Panuara Road realignment as detailed in Modification 15.
- 13B. The **Applicant may** subdivide the land associated with the relocation of sections of Panuara Road, as shown in Figure 1.4 of Appendix 2 of this approval, and in accordance with the requirements of the EP&A Act and *Environmental Planning and Assessment Regulation 2021*, to allow dedication of a new road reserve for the new relocated sections to satisfy the requirements of MP 06\_0295.

*Notes:*

- *Under Part 6 of the EP&A Act, the Applicant is required to obtain a subdivision certificate for a plan of subdivision.*
- *Division 6.4 of Part 6 of the EP&A Act sets out the application requirements for subdivision certificates.*

# CONSOLIDATED APPROVAL

## STAGED SUBMISSION OF STRATEGIES, PLANS OR PROGRAMS

14. With the approval of the Secretary, the Applicant may:
- submit any strategy, plan or program required by this approval on a progressive basis; and
  - combine any strategy, plan or program required by this approval with any similar strategy, plan or program required for the Cadia East Project.

To ensure these strategies, plans or programs are updated on a regular basis, the Applicant may at any time submit revised strategies, plans or programs to the Secretary for approval.

With the agreement of the Secretary, the Applicant may prepare any revised strategy, plan or program without undertaking consultation with all parties under the applicable condition of this approval.

### Notes:

- While any strategy, plan or program may be submitted on a progressive basis, the Applicant will need to ensure that the existing operations on site are covered by suitable strategies, plans or programs at all times.
- If the submission of any strategy, plan or program is to be staged, then the relevant strategy, plan or program must clearly describe the specific stage to which the strategy, plan or program applies, the relationship of this stage to any future stages, and the trigger for updating the strategy, plan or program.

## NOTIFICATION

- 14A. The date of commencement of each of the following phases of the project must be notified to the Secretary in writing via the Major Project Portal and to the EPA in writing at least two weeks prior to:
- construction of the buttressing of the NTSF and STSF embankments;
  - construction of the hydrocyclone sands tailings pilot plant;
  - construction of the hydrocyclone sands tailings test embankments; and
  - deposition of tailings into NTSF and/or STSF.
- 14B. Within two weeks of the completion of phases of project listed in conditions 14A (a) to 14A (d), the Applicant must notify the Secretary of the completion date in writing via the Major Project Portal.

## PAYMENT OF REASONABLE COSTS

- 14C. The Applicant must pay all reasonable costs incurred by the Secretary to engage a suitably qualified, experienced and independent expert(s) to review the adequacy of any strategy, plan, program or report required under the approval.

## APPLICABILITY OF GUIDELINES

- 14D. References in the conditions of this approval to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of inclusion (or later update) in the condition.
- 14E. Notwithstanding condition 14D of this schedule, consistent with the conditions of this approval and without altering any limits or criteria in this approval, the Secretary may, in respect of ongoing monitoring and management obligations, agree to or require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.

# CONSOLIDATED APPROVAL

## SCHEDULE 3 ENVIRONMENTAL PERFORMANCE CONDITIONS

### ACQUISITION OF AFFECTED PROPERTIES

#### Acquisition Upon Request

- Upon receiving a written request for acquisition from an owner of the land listed in Table 1, the Applicant must acquire the land in accordance with the procedures in conditions 5-7 of schedule 4.

Table 1: Land subject to acquisition upon request

R01
210

Note: To interpret the locations referred to in Table 1, see the applicable figures in Appendix 2 and Appendix 4.

### NOISE

#### Impact Assessment Criteria

- The Applicant must ensure that the noise generated by the project does not exceed the noise impact assessment criteria in Table 2 at any residence on privately-owned land or on more than 25 per cent of any privately-owned land.

Table 2: Noise Impact Assessment Criteria dB(A)  $L_{Aeq}$  (15min)

Location	Day	Evening	Night	Night ( $L_{A1}$ (1 min))
<b>Mining Operations</b>				
2127	43	41	35	45
138	42	38	35	45
2121	42	37	35	45
2126	42	38	35	45
2128	42	38	35	45
2163	41	38	35	45
30, 38, 40, 2160	40	36	35	45
133, 208, 380	40	37	35	45
Other privately owned land	40	35	35	45
Location	Day	Evening	Night	Night – excluding train horns ( $L_{A1}$ (1 min))
<b>CVO Dewatering Facility</b>				
R02	40	36	36	45
Other privately owned land	40	35	35	45

#### Notes:

- To interpret the locations referred to Tables 2-5, see the applicable figures in Appendices 2 and 4.
- Noise generated by the project is to be measured in accordance with the relevant requirements of the Noise Policy for Industry (NSW EPA, 2017), or its latest version.
- The noise limits do not apply if the Applicant has an agreement with the relevant owner/s of these residences/land to generate higher noise levels, and the Applicant has advised the Department in writing of the terms of this agreement.

# CONSOLIDATED APPROVAL

2A. The **Applicant** must prepare a Noise Impact Validation Report to the satisfaction of the Secretary based on detailed construction methodology and equipment for the construction of the NTSF and STSF embankments and associated infrastructure including haulage roads and transfer of waste rock material. The Noise Impact Validation Report must be prepared by a suitably qualified and experienced person, whose appointment has been approved by the Secretary and be submitted to the Secretary within 3 months of approval of Modification 14.

2B. The noise limits set out in **Table 2** apply under the meteorological conditions defined in **Table 2a**.

*Table 2a: Meteorological conditions*

<b>Assessment Period</b>	<b>Meteorological Conditions</b>
Day	Stability Categories A, B, C and D with wind speeds up to and including 0.5m/s at 10m above ground level
Evening	Stability Categories A, B, C and D with wind speeds up to and including 0.5m/s at 10m above ground level
Night	Stability Categories A, B, C and D with wind speeds up to and including 0.5m/s at 10m above ground level

2C. For other meteorological conditions, the applicable noise criteria are as defined in **Table 2** plus 5 dB.

## Land Acquisition Criteria

3. If the noise generated by the project exceeds the criteria in Table 3 at any residence on privately-owned land or on more than 25 per cent of any privately-owned land, the **Applicant must**, upon receiving a written request for acquisition from the landowner, acquire the land in accordance with the procedures in conditions 5-7 of schedule 4.

*Table 3: Land acquisition criteria dB(A)  $L_{Aeq}$  (15min)*

<b>Location</b>	<b>Day</b>	<b>Evening</b>	<b>Night</b>
<b>Mining Operations</b>			
All privately-owned land	43	43	40
<b>CVO Dewatering Facility</b>			
R03	45	44	40
R04	45	41	40
R02, R05, R06	44	40	40
R07	43	43	40

*Note: Noise generated by the project is to be measured and evaluated in accordance with the relevant requirements of the Noise Policy for Industry (NSW EPA, 2017), or its latest version. The noise limits set out in Table 3 only apply under the meteorological conditions defined in Table 2a.*

## Cumulative Noise Criteria

4. The **Applicant must** implement all reasonable and feasible measures to ensure that the noise generated by the project combined with the noise generated by other mines and industries does not exceed the amenity criteria in Table 4 at any residence on privately-owned land or on more than 25 per cent of any privately-owned land, to the satisfaction of the **Secretary**.

*Table 4: Cumulative noise criteria dB(A)  $L_{Aeq}$  (period)*

<b>Location</b>	<b>Day</b>	<b>Evening</b>	<b>Night</b>
<b>Mining Operations</b>			
All privately-owned land	50	45	40
<b>CVO Dewatering Facility</b>			
R03	55	45	40

# CONSOLIDATED APPROVAL

R04, R02, R05, R06, R07	50	45	40
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Note: Cumulative noise is to be measured in accordance with the relevant requirements of the *Noise Policy for Industry* (NSW EPA, 2017), or its latest version.

## Traffic Noise Impact Assessment Criteria

5. The **Applicant must** take all reasonable and feasible measures to ensure that the traffic noise generated by the project does not exceed the traffic noise impact assessment criteria in Table 5.

Table 5: Traffic noise impact assessment criteria dB(A)

Road	Day/Evening	Night
Forest Road, Orange Road	60 $L_{Aeq}$ (15 hours)	55 $L_{Aeq}$ (9 hours)
Cadia Road, Orchard Road, Four Mile Creek Road, Woodville Road, Panuara Road	55 $L_{Aeq}$ (1 hour)	50 $L_{Aeq}$ (1 hour)

Note: Traffic noise generated by the project is to be measured in accordance with the relevant procedures in the EPA's Environmental Criteria for Road Traffic Noise.

## Operating Hours

6. The **Applicant must** comply with the operating hours in Table 6.

Table 6: Operating Hours

Activity	Day	Time
<b>Construction</b>		
Rodds Creek water holding dam raise; tailings storage facilities raises; new pipelines; NaHS Solutioning Plant construction; realignment of Panuara Road	Any day	Day
Cadia East underground mine development; upgrade of ore processing facilities; NTSF repair works	Any day	Any time
Buttressing of the NTSF and STSF embankments; hydrocyclone sands tailings pilot plant	Monday – Saturday	7 am – 10 pm
	Sunday and Public Holidays	8 am – 10 pm
Hydrocyclone tailings sands test embankments	Any day	7 am – 10 pm
Dewatering facilities	Monday – Friday	7 am to 6 pm
	Saturday	8 am to 1 pm
	Sunday and Public Holidays	None
<b>Operation</b>		
Mine complex operations; Dewatering facilities, including train arrival and departure at the CVO Dewatering Facility	Any day	Any time
Blayne Dewatering Facility – train loading	Any day	7.00am to 7.00pm
CVO Dewatering Facility – train loading	Any day	Day

Note: Construction and maintenance activities may be conducted outside the hours in Table 6 provided that the activities are not audible at any residence beyond the boundary of the site.

## Additional Noise Mitigation Measures

7. Upon receiving a written request from:
- the landowner of the properties identified as:
    - R01 (unless the landowner has requested acquisition); or

# CONSOLIDATED APPROVAL

- R02; or
- 210 (unless the landowner has requested acquisition); or
- 2127; or
- 138; or
- 2126; or
- 2128; or
- 2163; or
- Deleted,
- the landowner of the residences on Forest Road, Orchard Road, Woodville Road or other road listed in Table 5 where subsequent noise monitoring shows traffic noise levels generated by the project exceed the traffic noise criteria in Table 5,

the Applicant must implement additional noise mitigation measures such as double glazing, insulation, and/or air conditioning at any residence on the land in consultation with the landowner.

These additional mitigation measures must be reasonable and feasible.

If within 3 months of receiving this request from the landowner, the Applicant and the landowner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the Secretary for resolution.

Within 3 months of this approval, the Applicant must notify all applicable landowners that they are entitled to receive additional noise mitigation measures, to the satisfaction of the Secretary.

## Noise Operating Conditions

### 8. The Applicant must:

- (a) take all reasonable and feasible best practice steps to minimise:
  - (i) noise from construction and operational activities as well as road noise associated with the project (particularly on Forest Road, Orchard Road and Woodville Road during the night and early morning periods) and rail noise and maximum noise levels which may result in sleep disturbance;
  - (ii) the noise impacts of the project during noise-enhancing meteorological conditions; and
  - (iii) impacts from annoying noise characteristics including low frequency noise;
- (b) operate a comprehensive noise management system that uses a combination of predictive meteorological forecasting and real-time noise monitoring data to guide the day to day planning of mining operations and the implementation of both proactive and reactive noise mitigation measures to ensure compliance with the relevant conditions of this approval;
- (c) regularly assess the real time noise monitoring data, and modify or stop operations on the site to ensure compliance with the relevant conditions of this approval;
- (d) carry out regular attended noise monitoring at least once every two months from approval of Modification 15, unless otherwise agreed by the Secretary, to determine whether the project is complying with the relevant conditions of this approval;
- (e) record the daily adaptive management measures implemented on the site, including how operations were modified or stopped to comply with the noise criteria in Table 2, and make these records readily available at the request of the Secretary or the EPA; and
- (f) report on report on the activities listed in items (a) to (e) above (inclusive) and the implementation and effectiveness of these measures in the Annual Review.

## Noise Management Plan

- 9. The Applicant must prepare a detailed Noise Management Plan for the project to the satisfaction of the Secretary. This plan must:
  - (a) be prepared by a suitably qualified, experienced and independent person, and in consultation with EPA;
  - (b) describe measures that would be implemented to ensure compliance with conditions 2-8 of this schedule, including a trigger action response plan based on noise complaints, real time and attended noise monitoring and measures to reduce sleep disturbance impacts to receivers surrounding the CVO Dewatering Facility, particularly regarding train horn noises;
  - (c) describe the measures to minimise road traffic noise generated by the project on public roads;
  - (d) include a noise monitoring program that:
    - uses a combination of real-time and supplementary attended monitoring measures to evaluate the performance of the project;
    - adequately supports the proactive and reactive noise management system on site;

# CONSOLIDATED APPROVAL

- defines what constitutes a noise incident, and includes a protocol for identifying noise incidents and notifying the Department and relevant stakeholders of any such incident;
- evaluates and reports on the effectiveness of the noise management system on site;
- includes details of all feasible and reasonable noise mitigation and management measures to minimise noise from activities associated with the project's construction works; and
- includes a program to calibrate and validate the real time noise monitoring results with the attended monitoring results over time (so the real time monitoring program can be used as a better indicator of compliance with the noise criteria in this approval and a trigger for further attended monitoring).

9A. The **Applicant** must implement the Noise Management Plan as approved by the Secretary.

## BLASTING AND VIBRATION

### Blasting Impact Assessment Criteria

10. The **Applicant must** ensure that blasting at the project does not exceed the criteria in Table 7.

Table 7: Blasting impact assessment criteria

Location	Time of Blasting	Airblast overpressure (dB(Lin Peak))	Ground vibration (mm/s)	Allowable exceedance
Residence on privately owned land	Any time	120	10	0%
	Day	115	5	5% of the total number of blasts over a period of 12 months
	Evening	105	2	
	Night, and all day on Sundays and Public holidays	95	1	
Heritage sites, including Cadia Engine House and Surrounds (but excluding Little Cadia Copper Mine)	Any time	-	15	0%

Note: The impact assessment criteria for Cadia Engine House and Surrounds apply in the absence of any anti-vibration strengthening. Alternative criteria may be approved under the Historical Heritage Management Plan (see condition 43) if anti-vibration strengthening works are implemented.

### Operating Conditions

11. During mining operations on site, the **Applicant must** implement best blasting practice to:
- protect the safety of people, property, public infrastructure, and livestock;
  - protect items of Aboriginal and non-indigenous cultural heritage significance; and
  - minimise the dust and fume emissions from blasting at the project.

### Public Notice

12. During mining operations on site the **Applicant must**:
- notify the landowner/occupier of any residence within 2 kilometres of blasting operations who registers an interest in being notified about the blasting schedule at the mine, or any other landowner nominated by the **Secretary**;
  - operate a Blasting Hotline, or alternate system agreed to by the **Secretary**, to enable the public to get up-to-date information on the blasting schedule at the project;
  - publish an up-to-date blasting schedule on its website (for open pit and major underground blasting operations); and
  - advertise the blasting hotline number and website information in the mine's regular newsletter.

### Property Inspections

13. The **Applicant must** advise the owners of privately-owned land that they are entitled to a structural property inspection to establish the baseline condition of buildings and other structures on the property:
- within 2 months of the date of this approval, for properties within 2 kilometres of blasting operations occurring at the date of this approval; and
  - at least 2 months prior to blasting within 2 kilometres of additional properties.

# CONSOLIDATED APPROVAL

14. If the **Applicant** receives a written request for a structural property inspection from any such landowner, the **Applicant must**:
- within 2 months of receiving this request commission a suitably qualified, experienced and independent person, whose appointment has been approved by the **Secretary**, to inspect the condition of any building or structure on the land (prior to blasting taking place within 2 kilometres of the property, if possible), and recommend measures to mitigate any potential blasting impacts; and
  - give the landowner a copy of the property inspection report.

## Property Investigations

15. If any landowner of privately-owned land within 2 kilometres of blasting operations, or any other landowner nominated by the **Secretary**, claims that buildings and/or structures on his/her land have been damaged as a result of blasting at the project, the **Applicant must** within 3 months of receiving this request:
- commission a suitably qualified, experienced and independent person, whose appointment has been approved by the **Secretary**, to investigate the claim; and
  - give the landowner a copy of the property investigation report.

If this independent property investigation confirms the landowner's claim, and both parties agree with these findings, then the **Applicant must** repair the damages to the satisfaction of the **Secretary**.

If the **Applicant** or landowner disagrees with the findings of the independent property investigation, then either party may refer the matter to the **Secretary** for resolution.

If the matter cannot be resolved within 21 days, the **Secretary** shall refer the matter to an Independent Dispute Resolution Process (see Appendix 8).

## Blast Monitoring Program

16. The **Applicant must** prepare and implement a Blast Monitoring Program for the project to the satisfaction of the **Secretary**. This program must:
- be prepared in consultation with **EPA**, and be submitted to the **Secretary** for approval within 3 months of the date of this approval; and
  - include a protocol for evaluating blast-related impacts (including blast-induced seismic activity) on, and demonstrating compliance with the blasting criteria in this approval for:
    - privately-owned residences and structures;
    - items of Aboriginal and non-indigenous cultural heritage significance (including the Cadia Engine House and Surrounds); and
    - publicly-owned infrastructure.

## AIR QUALITY

### Impact Assessment Criteria

17. Except for the land in Table 1, the **Applicant must** ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions generated by the project do not cause exceedances of the criteria listed in Tables 8, 9 and 10 at any residence on privately owned land, or on more than 25% of any privately-owned land.

Table 8: Long term impact assessment criteria for particulate matter

Pollutant	Averaging period	<sup>d</sup> Criterion
Total suspended particulate (TSP) matter	Annual	<sup>a</sup> 90 µg/m <sup>3</sup>
Particulate matter < 10 µm (PM <sub>10</sub> )	Annual	<sup>a</sup> 25 µg/m <sup>3</sup>
Particulate matter < 2.5 µm (PM <sub>2.5</sub> )	Annual	<sup>a</sup> 8 µg/m <sup>3</sup>

Table 9: Short term impact assessment criterion for particulate matter

Pollutant	Averaging period	<sup>d</sup> Criterion
Particulate matter < 10 µm (PM <sub>10</sub> )	24 hour	<sup>b</sup> 50 µg/m <sup>3</sup>
Particulate matter < 2.5 µm (PM <sub>2.5</sub> )	24 hour	<sup>b</sup> 25 µg/m <sup>3</sup>

# CONSOLIDATED APPROVAL

Table 10: Long term impact assessment criteria for deposited dust

Pollutant	Averaging period	Maximum increase in deposited dust level	Maximum total deposited dust level
<sup>c</sup> Deposited dust	Annual	<sup>b</sup> 2 g/m <sup>2</sup> /month	<sup>a</sup> 4 g/m <sup>2</sup> /month

Notes to Tables 8-10:

<sup>a</sup> Cumulative impact (i.e. increase in concentrations due to the project plus background concentrations due to all other sources);

<sup>b</sup> Incremental impact (i.e. increase in concentrations due to the project on its own), with up to five allowable exceedances of the criteria over the life of the project;

<sup>c</sup> Deposited dust is to be assessed as insoluble solids as defined by Standards Australia, AS/NZS 3580.10.1:2003: Methods for Sampling and Analysis of Ambient Air - Determination of Particulate Matter - Deposited Matter - Gravimetric Method; and

<sup>d</sup> Excludes extraordinary events such as bushfires, prescribed burning, dust storms, sea fog, fire incidents or any other activity agreed by the Secretary.

## Land Acquisition Criteria

18. If particulate matter emissions generated by the project exceed the criteria, or contribute to exceedances of the relevant cumulative criteria, in Tables 11, 12 and 13 at any residence on privately-owned land then upon receiving a written request for acquisition from the landowner, the Applicant must acquire the land in accordance with the procedures in conditions 5 to 7 of schedule 4.

Table 11: Long term land acquisition criteria for particulate matter

Pollutant	Averaging period	<sup>d</sup> Criterion
Total suspended particulate (TSP) matter	Annual	<sup>a</sup> 90 µg/m <sup>3</sup>
Particulate matter < 10 µm (PM <sub>10</sub> )	Annual	<sup>a</sup> 25 µg/m <sup>3</sup>
Particulate matter < 2.5 µm (PM <sub>2.5</sub> )	Annual	<sup>a</sup> 8 µg/m <sup>3</sup>

Table 12: Short term land acquisition criteria for particulate matter

Pollutant	Averaging period	<sup>d</sup> Criterion
Particulate matter < 10 µm (PM <sub>10</sub> )	24 hour	<sup>b</sup> 50 µg/m <sup>3</sup>
Particulate matter < 2.5 µm (PM <sub>2.5</sub> )	24 hour	<sup>b</sup> 25 µg/m <sup>3</sup>

Table 13: Long term land acquisition criteria for deposited dust

Pollutant	Averaging period	Maximum increase in deposited dust level	Maximum total deposited dust level
<sup>c</sup> Deposited dust	Annual	<sup>b</sup> 2 g/m <sup>2</sup> /month	<sup>a</sup> 4 g/m <sup>2</sup> /month

Notes to Tables 11-13:

- <sup>a</sup> Cumulative impact (i.e. increase in concentrations due to the project plus background concentrations due to all other sources);
- <sup>b</sup> Incremental impact (i.e. increase in concentrations due to the project on its own) with up to five allowable exceedances of the criteria over the life of the project;
- <sup>c</sup> Deposited dust is to be assessed as insoluble solids as defined by Standards Australia, AS/NZS 3580.10.1:2003: Methods for Sampling and Analysis of Ambient Air - Determination of Particulate Matter - Deposited Matter - Gravimetric Method; and
- <sup>d</sup> Excludes extraordinary events such as bushfires, prescribed burning, dust storms, sea fog, fire incidents, illegal activities or any other activity agreed to by the Secretary.

## Operating Conditions

19. The Applicant must:
- (a) ensure any visible air pollution generated by the project is assessed regularly, and that operations are relocated, modified, and/or stopped as far as is reasonable and feasible to minimise air quality impacts on privately-owned land;

# CONSOLIDATED APPROVAL

- (b) ensure that the real-time air quality monitoring and meteorological monitoring data are assessed regularly, and that operations are relocated, modified and/or stopped as required to ensure compliance with the relevant air quality criteria;
- (c) implement all reasonable and feasible measures to minimise off-site odour and air pollution generated by the project;
- (d) implement reasonable and feasible best practice diesel emissions reduction technology for any new equipment, including 'non-road' diesel equipment used in undertaking the project; and
- (e) improve the project's energy efficiency and minimise the Scope 1 and Scope 2 greenhouse gas emissions of the project.

19A. The Applicant must prepare an Air Quality Impact Validation Report to the satisfaction of the Secretary based on detailed construction methodology and equipment for the construction of the NTSF and STSF embankments and associated infrastructure including haulage roads and transfer of waste rock material. The Air Quality Impact Validation Report must be prepared by a suitably qualified and experienced person, whose appointment has been approved by the Secretary and be submitted to the Secretary within 3 months of approval of Modification 14.

## NaHS Solutioning Plant Construction and Operation

- 19B. Prior to construction of the NaHS Solutioning Plant, the Applicant must develop and implement an ongoing hydrogen sulphide emission monitoring program for the project, to the satisfaction of the EPA.
- 19C. Unless otherwise agreed by the EPA, the NaHS Solutioning Plant must:
- (a) not produce more than 43 tonnes of NaHS solution (35%) per day; and
  - (b) be fitted with a sodium hydroxide scrubber which must be designed to achieve:
    - a hydrogen sulphide emission concentration of 5 mg/m<sup>3</sup>, and
    - a final output emission rate of hydrogen sulphide less than 1.67 grams per second (g/s).

## NaHS Solutioning Plant Emission Performance and Verification

- 19D. Prior to construction of the sodium hydroxide scrubber, the Applicant must provide an emission performance guarantee (or similar) to the EPA, to confirm the expected emission performance of the scrubber and demonstrate the designed performance of the scrubber is consistent with best practice.
- 19E. The exhaust stack of the pollution control system must be designed to allow for periodic emission testing to occur, and have consideration for the requirements outlined in *Australian Standard AS4323.1 Stationary source emissions - Selection of sampling positions* (1995) and *USEPA's Guideline for the Determination of Good Engineering Stack Height* (1981).
- 19F. The Applicant must undertake emission verification testing, generally in accordance with the procedures outlined in the EPA's submission to the Department (dated 24 May 2021, Appendix A of the Department's assessment report on Modification 14), and in accordance with emissions criteria set in the project's EPL, to confirm the emission performance of the sodium hydroxide scrubber system.

## New ventilation discharge points

- 19G. The final design of any new ventilation discharge points, installed after the Modification 15 approval date, must allow for emission testing requirements and have a conforming sampling plane as outlined in *Australian Standard AS 4323.1 (2021) - Stationary source emissions, Method 1: Selection of sampling positions and measurement of velocity in stacks*, or as otherwise agreed by the EPA.

## Air Quality and Greenhouse Gas Management Plan

20. The Applicant must prepare an Air Quality and Greenhouse Gas Management Plan for the project to the satisfaction of the Secretary. This plan must:
- (a) be prepared by a suitably qualified and experienced person and in consultation with EPA and the CCC;
  - (b) describe proactive and reactive measures of all significant, and potentially significant emissions sources and construction activities, that would be implemented to ensure compliance with conditions 17-19C of this schedule;
  - (c) include key performance indicators;
  - (d) include a program for the implementation of the measures referred to in (b) above;
  - (e) include an air quality monitoring program that:
    - uses a combination of real-time monitoring measures, high volume samplers and dust deposition gauges to monitor and evaluate the dust emissions of the project;
    - describes the proposed installation, ongoing operation and maintenance of a suitable number of real-time particle monitoring sites around the NTSF and STSF to allow responsive dust management;

# CONSOLIDATED APPROVAL

- includes a suitable air quality monitoring program for the project's ventilation shafts discharge points, including PM<sub>10</sub> and PM<sub>2.5</sub> emissions and ventilation flow rates;
  - includes the ongoing operation and maintenance of a meteorological weather station;
  - includes a protocol for determining exceedances of the relevant conditions of this approval; and
- (f) establish a trigger response/reactive management protocol (Trigger Action Response Plan) to be used in combination with the particle monitoring sites and meteorological weather station **that considers all sources of particulate emissions to minimise offsite particulate impacts**;
- (g) include the location, frequency and duration of monitoring, record keeping, system and performance review for continuous improvement and compliance reporting;
- (h) include procedures for the reasonable use of interim stabilisation and temporary vegetation strategies to minimise the area exposed for dust generation; and
- (i) describe the measures that would be implemented to minimise the release of greenhouse gas emissions from the site, **including best practice measures to be implemented to minimise the project's Scope 1 and Scope 2 greenhouse gas emissions**.

20A. The **Applicant** must implement the Air Quality and Greenhouse Gas Management Plan as approved by the Secretary.

## METEOROLOGICAL MONITORING

21. During the life of the project, the **Applicant must** ensure that there is a suitable meteorological station in the vicinity of the site that complies with the requirements in the **Approved methods for the sampling and analysis of air pollutants in NSW** guideline.

## SOIL AND WATER

### Water Supply

22. The **Applicant must**:
- (a) ensure that it has sufficient water for all stages of the project;
  - (b) implement efficiency and best practice measures to minimise and conserve the use of water; and
  - (c) adjust the scale of the operations to match its available water supply.

*Note: The **Applicant** is required to obtain all necessary water licences and approvals for the project under the Water Act 1912 and/or Water Management Act 2000.*

### Discharge Limits

23. The **Applicant must** not discharge any water from the site except as may be expressly provided by an EPL, or in accordance with section 120 of the *Protection of the Environment Operations Act 1997*.

### Compensatory Water Supplies

24. The **Applicant must** provide compensatory water supplies to any landowner of privately-owned land whose water entitlements are impacted (other than an impact that is negligible) as a result of the project, in consultation with **DCCEEW Water** and to the satisfaction of the **Secretary**.

The compensatory water supply measures must provide an alternative long-term supply of water that is equivalent to the loss attributed to the project. Equivalent water supply must be provided (at least on an interim basis) within 24 hours of the loss being identified.

If the **Applicant** and the landowner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the **Secretary** for resolution.

If the **Applicant** is not able to provide an alternative long-term supply of water, the **Applicant must** provide alternative compensation to the satisfaction of the **Secretary**, which may involve acquisition in accordance with the procedures in conditions 5-7 of schedule 4.

#### Notes:

- *For the purposes of this condition:*
  - *privately-owned land means any privately-owned land with direct water dependency on Swallow Creek, Cadiangullong Creek, Rodds Creek, Flyers Creek or Diggers Creek/Panuara Rivulet, and any land within the maximum predicted 1 metre groundwater drawdown contour as indicated on the plans in Appendix 5, or any other privately-owned land as notified by the **Secretary**;*
  - *a water entitlement includes an accessible riparian water right or licensable quantity;*
  - *a water entitlement is considered to be impacted if the project results in a loss in pumping yield in bores or pumps, or impacts the quality of the water such that its use is materially affected. (These impact assessment criteria are required to be further quantified in the Site Water Management Plan – see conditions 30-35 below).*

# CONSOLIDATED APPROVAL

- Compensatory water supplies may be achieved through provision of baseflow offsets within the applicable catchment (see condition 25 below), or through measures on privately-owned land such as lowering or duplicating pumps, deepening or replacing bores, and/or provision of interim water supplies.
- The **Applicant** is not required to provide additional compensatory water supplies where such long-term compensation has already been provided under previous consents for the project.
- In resolving any dispute under this condition, the **Secretary** will consult closely with **DCCEEW Water**.

## Baseflow Offsets

25. The **Applicant must** offset the loss of baseflow to the Belubula River and associated creeks caused by the project, in consultation with **DCCEEW Water**, and to the satisfaction of the **Secretary**. The offsets **must** be provided either incrementally or on one occasion:
- (a) prior to the baseflow loss being realised, or within 12 months of the date of this approval for any existing realised baseflow losses that have not previously been offset; and
  - (b) within the catchments where the baseflow loss is realised, as far as is reasonable and feasible, unless otherwise approved by the **Secretary**.

### Notes:

- The offsets should be provided via the retirement of adequate water entitlements to account for the loss attributable to the project.
  - Relevant compensatory water supplies implemented under condition 24 may be subtracted from the offsets required under this condition.
  - The **Applicant** is not required to provide additional baseflow offsets where such offsets have already been provided under previous consents for the project. These existing offsets are to be described and evaluated in the Surface and Ground Water Contingency Plan (see condition 35 below).
26. At least 6 months prior to the cessation of mining operations, the **Applicant must** demonstrate that it has made adequate provision to provide long-term offsets to account for the permanent baseflow loss caused by the project, in consultation with **DCCEEW Water**, and to the satisfaction of the **Secretary**.

*Note: The long-term offsets may be provided via the retiring of adequate water entitlements to account for the permanent loss attributable to the project.*

## Cadiangullong Creek Flows

27. The **Applicant must** manage water releases from Cadiangullong Dam to provide:
- (a) flows of at least:
    - 3.4 ML/day, for periods when inflows into the dam are more than 3.4 ML/day and the water level in the dam is at or above the lowest valve level on the multi-level offtake (ie. 773.0 metres AHD);
    - the volume equal to the inflow into the dam, for periods when inflows into the dam are between 0.4 and 3.4 ML/day and the water level in the dam is at or above the lowest valve level on the multi-level offtake;
    - 0.4 ML/day, for periods when inflows into the dam are less than 0.4 ML/day and the water level in the dam is at or above the lowest valve level on the multi-level offtake;
    - the volume equal to the inflow into the dam, up to 0.4ML/day, for periods when the water level in the dam is below the lowest valve level on the multi-level offtake and above the level of the scour valve (ie. 762.8 metres AHD); and
    - zero, when the water level in the dam is below the level of the scour valve; and
  - (b) releases of up to 4 medium flows (of the order of 12 to 15 ML/day) per year, each for a duration of 1 to 3 days, with timing and frequency of such flows determined by hydrographs of typical medium flows, to the satisfaction of, and unless otherwise approved by, **DCCEEW Water**.
28. The **Applicant must** not extract any water from Cadiangullong Dam when the volume in the dam drops to 10 percent or less of its total capacity (i.e. 778.8 metres AHD), unless otherwise approved by **DCCEEW Water**. Flow releases (see condition 27 above) shall be continued during any such period, except when the level of water in the dam drops below the level of the dam's scour valve (i.e. 762.8 metres AHD).

## Flyers Creek Flows

29. The **Applicant must** ensure that natural environmental flows of up to 3.5 ML/day into Flyers Creek weir are allowed to pass uninterrupted downstream, and any approved water extraction is limited to medium and high flows, to the satisfaction of **DCCEEW Water**.

## Site Water Management Plan

30. The **Applicant must** prepare a Water Management Plan for the project to the satisfaction of the **Secretary**. This plan must:
- (a) be prepared in consultation with **DCCEEW Water** and **EPA**;

# CONSOLIDATED APPROVAL

- (b) include a:
- Site Water Balance;
  - Erosion and Sediment Control Plan;
  - Surface Water Monitoring Program;
  - Groundwater Monitoring Program;
  - Surface and Ground Water Contingency Plan; and
- (c) include measures to accurately meter and monitor water take from surface and groundwater sources, or present the nominated strategy, that permits ongoing review of actual versus modelled predictions of take where relevant.
31. The Site Water Balance must:
- (a) include details of:
- sources and security of water supply;
  - water use on site;
  - water management on site;
  - any off-site water transfers;
  - reporting procedures; and
- (b) investigate and implement all reasonable and feasible measures to minimise water use by the project.
32. The Erosion and Sediment Control Plan must:
- (a) be consistent with the requirements of *Managing Urban Stormwater: Soils and Construction, Volume 1, 4<sup>th</sup> Edition, 2004* (Landcom);
- (b) identify activities that could cause soil erosion and generate sediment;
- (c) describe measures to minimise soil erosion and the potential for the transport of sediment to downstream waters;
- (d) describe the location, function, and capacity of erosion and sediment control structures; and
- (e) describe what measures would be implemented to maintain the structures over time.
33. The Surface Water Monitoring Program must include:
- (a) detailed baseline data, based on sound statistical analysis, to benchmark the pre-mining natural variation in surface water flows and quality in creeks and other waterbodies that could potentially be affected by the project, including monitoring upstream and downstream where the Cadiangullong Creek discharges into the Belubula River;
- (b) surface water and stream health impact assessment criteria;
- (c) a program to monitor and assess:
- impacts on surface water flows and quality;
  - impacts on water users;
  - stream health conditions in Swallow Creek, Cadiangullong Creek, Rodds Creek, Flyers Creek and Diggers Creek, including riparian vegetation;
  - potential acid rock drainage;
  - potential leakage or spillage from tailings, mineral concentrate and effluent pipelines;
- (d) a program for the ongoing verification and refinement of the surface water model; and
- (e) details of water quality management criteria and trigger action response plan and reporting procedures for the results of the monitoring program and model verification.
34. The Groundwater Monitoring Program must include:
- (a) detailed baseline data, based on sound statistical analysis, to benchmark the pre-mining natural variation in groundwater levels, yield and quality (including privately-owned bores within the maximum predicted 1 metre groundwater drawdown contour, as indicated on the plans in Appendix 5);
- (b) groundwater impact assessment criteria (including for monitoring bores and privately-owned bores);
- (c) a program to monitor:
- impacts on the groundwater supply of potentially affected landowners;
  - impacts on springs and groundwater dependent ecosystems;
  - the volume of groundwater seeping into open pit and underground mine workings;
  - regional groundwater levels and quality in all potentially affected aquifers;
  - potential acid rock drainage;
  - the hydraulic gradient and groundwater quality around the base of the Cadia Hill pit, the STSF, and the Ridgeway Underground Mine;
  - impacts on groundwater level and quality from the project, with consideration of effects resulting from the Werribee fault zone in the west of the STSF;
- (d) a program for the ongoing verification and refinement of the groundwater model; and
- (e) reporting procedures for the results of the monitoring program and model verification.

# CONSOLIDATED APPROVAL

35. The Surface and Ground Water Contingency Plan must include:
- a protocol for the investigation, notification and mitigation of any exceedances of the surface water, stream health and groundwater impact assessment criteria;
  - a procedure for investigating monitoring and minimising leakage from the Cadia Hill open cut pit towards Cadiangullong creek;
  - measures to mitigate and/or compensate potentially affected landowners in accordance with the compensatory water supply requirements in condition 24 above;
  - a protocol for providing advance warning and water supply measures for landowners of privately-owned land that are predicted to exceed the surface or ground water impact assessment criteria at some stage during the project life;
  - a protocol for investigating, evaluating and providing the baseflow offsets required under condition 25 above, including a detailed evaluation (in the initial plan) of offsets provided under previous consents for the project;
  - the procedures that would be followed if any significant unforeseen impacts on surface or ground water are detected during the project.

35A. The Applicant must implement the Water Management Plan as approved by the Secretary.

## Mine Water Management Performance Measures

- 35B. The Applicant must comply with the following mine water management performance measures to the satisfaction of the Secretary, including:
- ensure that the capacity of the NTSF and STSF, and any relocated or newly constructed dams which receive runoff or seepage from the tailings storage facilities are designed to meet the requirements of the Australian National Committee on Large Dams' *Guidelines on Tailings Dams – Planning Design and Construction, Operation and Closure* (July 2019) or its latest version, and that the core embankment and foundations achieves a permeability standard of at least  $1 \times 10^{-9}$  m/s and 1 metre depth (or equivalent permeability performance), unless otherwise agreed by the EPA and the Secretary;
  - ensure any dams constructed on minor streams to manage dirty/contaminated runoff are designed in accordance with relevant industry standards and must be solely used for the purpose of managing runoff to prevent contamination;
  - seepage dams must be constructed to retain tailings storage facility seepage to comply with nil off-site discharge and in accordance with Section 120 of the *Protection of the Environment Operations Act 1997*;
  - the design, construction and maintenance of tailings storage facilities (including seepage storages) and wastewater storage must maintain a minimum freeboard to accommodate a 1 in 100 year Australian Recurrence Interval (ARI), 72 hour rainfall event without discharge; and
  - surface runoff into sediment dams must maintain a minimum freeboard to accommodate a 1 in 20 year ARI, 72 hour rainfall event without discharge.
- 35C. The Applicant must notify Dams Safety NSW of its intention to make any changes to declared dams, before any significant change is made to the configuration of the dam that may affect the safety of the dam.
- 35D. Works within waterfront land must be carried out to meet the requirements of the *Guidelines for Controlled Activities on Waterfront Land* (NRAR 2018).
- 35E. The Applicant must monitor subsidence resulting from the Ridgeway Underground Mine and notify Dams Safety of any changes to subsidence that occur within the Cadiangullong Dam notification area.

## REHABILITATION AND BIODIVERSITY OFFSETS

### Rehabilitation

36. The Applicant must prepare a Rehabilitation Strategy for the project to the satisfaction of the Secretary. This strategy must:
- be prepared by a team of suitably qualified and experienced experts whose appointment has been endorsed by the Secretary;
  - be prepared in consultation with relevant stakeholders, including the RR, NSW Resources, BCS, DCCEE Water, Councils and the CCC;
  - investigate options for the future use of disturbed areas including voids upon the completion of mining;
  - include overview of anticipated rehabilitation risks and risk treatment controls;
  - define the rehabilitation objectives for the site, describe the overall rehabilitation outcomes for the site, and address all aspects of rehabilitation, including mine closure, final landform (including any final voids), post-mining land use/s and water management;
  - include a conceptual final landform and rehabilitation plan;

# CONSOLIDATED APPROVAL

- (g) include a life of mine rehabilitation and mining schedule which outlines key progressive rehabilitation milestones from the commencement of operations through to decommissioning and mine closure;
- (h) outline ways to minimise adverse socio-economic effects associated with rehabilitation and mine closure;
- (i) include a stakeholder engagement plan to guide rehabilitation and mine closure planning processes and outcomes;
- (j) align with strategic rehabilitation and mine closure objectives and address the principles of the *Strategic Framework for Mine Closure* (ANZMEC and MCA) and *Global Industry Standard on Tailings Management* undertaken as part of the Global Tailings Review;
- (k) describe how the rehabilitation measures would be integrated with the measures in the Biodiversity Management Plan referred to in conditions 41 and 41A; and
- (l) include a program to periodically update this strategy at least every three years.

*Note: The strategy should build on the concept strategy depicted in Appendix 6.*

36A. The Applicant must implement the approved Rehabilitation Strategy.

*Note: The Applicant must also prepare and implement a Rehabilitation Management Plan in accordance with the conditions imposed on the mining lease(s) associated with the project under the Mining Act 1992.*

37. The Applicant must:
- (a) carry out rehabilitation progressively, that is, as soon as reasonably practicable following disturbance; and
  - (b) achieve the rehabilitation objectives in the Rehabilitation Strategy (see condition 36), to the satisfaction of the RR.

## Biodiversity Offsets

38. The Applicant must:
- (a) implement the biodiversity offset strategy as described in the EA, and summarised in Table 14 (and shown conceptually in Appendix 6); and
  - (b) investigate ways to salvage and beneficially use resources (including timber, fauna habitat, seed and soil resources) in areas subject to subsidence as far as is reasonable and feasible, in consultation with the BCS, to the satisfaction of the Secretary.

*Table 14: Biodiversity Offset Strategy*

Area	Minimum Size*
Black Rock Range Offset Area – Enhancement Area	647 ha
Black Rock Range Offset Area – Revegetation Area	162 ha
Flyers Creek and Belubula River Offset Area	97 ha
Stratton Vale Offset Area	60 ha
<b>Total</b>	<b>966 ha</b>

*\*Subject to final survey constraints*

39. Within 2 years of the date of this approval, the Applicant must make suitable arrangements to provide appropriate long term security for the offset areas to the satisfaction of the Secretary.
40. Within 6 months of the approval of the Biodiversity Management Plan (see condition 41 below), the Applicant must lodge a conservation and biodiversity bond with the Department to ensure that the offset strategy is implemented in accordance with the performance and completion criteria of the Biodiversity Management Plan. The sum of the bond shall be determined by:
- (a) calculating the full cost of implementing the offset strategy; and
  - (b) employing a suitably qualified quantity surveyor to verify the calculated costs, to the satisfaction of the Secretary.

*Notes:*

- If the offset strategy is completed to the satisfaction of the Secretary, the Secretary will release the conservation bond.
- If the offset strategy is not completed to the satisfaction of the Secretary, the Secretary will call in all or part of the conservation bond, and arrange for the satisfactory completion of the relevant works.

## Retirement of Credits

- 40A. Within two years of commencing construction of the MOD 13 Southern Tailings Storage Facility buttressing, unless the Secretary agrees otherwise, the Applicant must retire biodiversity credits of a number and class identified in Tables 14.1 and 14.2 below. The retirement of credits must be carried out

# CONSOLIDATED APPROVAL

in accordance with the Biodiversity Offsets Scheme of the *Biodiversity Conservation Act 2016*, to the satisfaction of the Biodiversity Conservation Trust.

Table 14.1: Ecosystem Credit Requirements

Ecosystem Credits	Disturbance Area (hectares)	Credits Required
PCT266 - White Box grassy woodland in the upper slopes sub-region of the NSW South Western Slopes Bioregion	0.31	8

Table 14.2: Species Credit Requirements

Threatened Species	Disturbance Area (hectares)	Credits Required
Squirrel Glider - <i>Petaurus norfolcensis</i>	0.31	8
Small Purple-pea - <i>Swainsona recta</i>	0.31	8
Silky Swainson-pea - <i>Swainsona sericea</i>	0.31	8
Pink-tailed Legless Lizard - <i>Aprasia parapulchella</i>	0.31	8
Little Eagle - <i>Hieraaetus morphnoides</i>	0.31	6
Superb Parrot - <i>Polytelis swainsonii</i>	0.31	8
<b>Total Credits</b>	<b>0.31</b>	<b>46</b>

- 40B. Within six months of commencing construction of the Modification 14 works, unless the Secretary agrees otherwise, the Applicant must retire biodiversity credits of a number and class identified in Tables 14.3 and 14.4 below. The retirement of credits must be carried out in accordance with the Biodiversity Offsets Scheme of the *Biodiversity Conservation Act 2016*.

Table 14.3: Ecosystem Credit Requirements

Ecosystem Credits	Disturbance Area (hectares)	Credits Required
PCT266 - White Box grassy woodland in the upper slopes sub-region of the NSW South Western Slopes Bioregion	13.1	358
PCT277 – White Box Yellow Box Blakey’s Red Gum Grassy Woodland and Derived Native Grassland	15.8	197
<b>Total Credits</b>		<b>555</b>

Table 14.4: Species Credit Requirements

Threatened Species	Disturbance Area (hectares)	Credits Required
Squirrel Glider - <i>Petaurus norfolcensis</i>	18.7	361
Superb Parrot - <i>Polytelis swainsonii</i>	25.3	445
<b>Total Credits</b>		<b>806</b>

- 40C. The Applicant must retire biodiversity credits of a number and class identified in Tables 14.5 and 14.6 below before any impacts on the relevant biodiversity values for each stage occurs. The retirement of credits must be carried out in accordance with the Biodiversity Offsets Scheme of the *Biodiversity Conservation Act 2016*.

Table 14.5: Ecosystem Credit Requirements

Ecosystem Credits	Disturbance Area (hectares)	Credits Required
PCT266 - White Box grassy woodland in the upper slopes sub-region of the NSW South Western Slopes Bioregion	4.19	67
PCT277 – Blakey’s Red Gum – Yellow Box grassy tall woodland of the NSW South Western Slopes Bioregion	51.32	518

# CONSOLIDATED APPROVAL

PCT287 – Long-leaved Box – Red Box – Red Stringybark mixed open forest on hills and hillslopes in the NSW South Western Slopes Bioregion	0.33	7
PCT85 – River Oak forest and woodland wetland of the NSW South Western Slopes and South Eastern highlands Bioregion	0.15	2
<b>Total Credits</b>		<b>594</b>

Table 14.6: Species Credit Requirements

Threatened Species	Disturbance Area (hectares)	Credits Required
Squirrel Glider - <i>Petaurus norfolcensis</i>	2.54	29
Superb Parrot – <i>Polytelis swainsonii</i>	3.18	9
Eastern Pygmy-Possum – <i>Cercartetus nanus</i> <sup>a</sup>	22.19	293
Booroolong Frog – <i>Litoria booroolongensis</i> <sup>a</sup>	0.43	4
<b>Total Credits</b>		<b>335</b>

<sup>a</sup> Total credit requirements have been calculated based on assumed presence of this species and may be reduced under condition 40D.

- 40D. The biodiversity credit requirements outlined in condition 40C for the Eastern Pygmy-Possum, and Booroolong Frog, may be reduced if the Applicant demonstrates to the satisfaction of the Secretary, that the credit requirements in Table 14.6 do not accurately reflect the extent of impacts on the species as a result of the project. Any request from the Applicant to reduce these credit requirements must be:
- submitted in writing and addressed to the Secretary;
  - submitted prior to vegetation clearance associated with the Modification 15 disturbance area;
  - supported by an expert report or survey report outlining the findings of further surveys, which has been prepared:
    - by a person/s accredited to apply the Biodiversity Assessment Method;
    - in accordance with the Biodiversity Assessment Method; and
    - in consultation with BCS.

## Biodiversity Management Plan

41. Prior to any vegetation clearing impacting biodiversity values, as identified in the Biodiversity Development Assessment Report for Modification 15, unless otherwise agreed by the Secretary, the Applicant must prepare a Biodiversity Management Plan for the project to the satisfaction of the Secretary. This plan must:
- be prepared in consultation with BCS;
  - include:
    - the rehabilitation objectives for the offset areas;
    - a description of the short, medium, and long term measures that would be implemented to implement the offset strategy and manage the remnant vegetation and habitat on the site and in the offset areas;
    - detailed performance and completion criteria for the implementation of the offset strategy;
    - a detailed description of the measures that would be implemented, including the procedures to be implemented for:
      - managing and mitigating impacts on biodiversity values, particularly for the Superb Parrot and Squirrel Glider;
      - implementing revegetation and regeneration within offset areas, including establishment of canopy, sub-canopy (if relevant), understorey and ground strata;
      - collecting and propagating seed for rehabilitation works;
      - salvaging and placement of habitat features;
      - controlling weeds and feral pests, including terrestrial and aquatic species;
      - managing grazing and agriculture on site;
      - controlling access;
      - bushfire management;
    - a program to monitor the effectiveness of these measures, and progress against the performance and completion criteria;
    - a description of the potential risks to successful revegetation, and a description of the contingency measures that would be implemented to mitigate these risks;
    - details of who would be responsible for monitoring, reviewing, and implementing the plan; and

# CONSOLIDATED APPROVAL

- (viii) a Threatened Species Management Protocol, which outlines management strategies to protect any threatened flora and fauna species during construction, operation and post-mining.

41A. The Applicant must implement the approved Biodiversity Management Plan.

## Rehabilitation Management Plan

41B. Deleted.

## ABORIGINAL HERITAGE

### Aboriginal Cultural Heritage Management Plan

42. Prior to commencing of ground disturbance associated with Modification 15, the Applicant must prepare an Aboriginal Cultural Heritage Management Plan for the project to the satisfaction of the Secretary. This plan must:
- be prepared by a suitably qualified and experienced person, in consultation with Heritage NSW and the Aboriginal community;
  - include a:
    - detailed salvage program and management plan for Aboriginal sites, including the AHIMS site 44-4-0412, and potential archaeological deposits within the project disturbance area, including AHIMS site 44-5-0133 (management measures for the site must include monitoring of soil stripping and prior to any further construction and documentation of inspection);
    - detailed description of the measures that would be implemented to protect and monitor Aboriginal sites outside the project disturbance area;
    - description of the measures that would be implemented if any new Aboriginal objects or skeletal remains are discovered during the project; and
    - protocol for the ongoing consultation and involvement of the Aboriginal communities in the conservation and management of Aboriginal cultural heritage on the site.

## HISTORICAL HERITAGE

### Historical Heritage Management Plan

43. The Applicant must prepare and implement a Historical Heritage Management Plan for the project to the satisfaction of the Secretary. This plan must:
- be prepared in consultation with the Heritage NSW and be submitted to the Secretary for approval within 6 months of the date of this approval;
  - 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;
    - a detailed conservation management strategy for heritage items outside the project disturbance area but within the vicinity of the site, including a:
      - description of the measures that would be implemented to protect heritage items from disturbance, including disturbance from blasting activities;
      - program to monitor the effects of blasting on relevant heritage items; and
      - an Interpretation Plan for the Cadia Village.

*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.*

## TRANSPORT

### Road Construction

44. The Applicant must:
- realign the affected sections of Cadia Road, and reconstruct the Cadia Road / Woodville Road intersection, at least 6 months before causing any subsidence of the affected roads; and
  - construct the CVO Dewatering Facility site intersection on Newbridge Road, prior to the commencement of construction of the facility, to the satisfaction of the applicable Council.

### Road Haulage

45. The Applicant must transport all concentrate:
- to the Blayney Dewatering Facility and CVO Dewatering Facility by pipeline; and
  - from the Blayney Dewatering Facility and CVO Dewatering Facility by rail.

# CONSOLIDATED APPROVAL

If during the life of the project pipeline or rail services are not available to transport the concentrate the **Applicant** may apply to the **Secretary** for permission to temporarily use truck facilities until such time as pipeline or rail services are returned to normal service.

46. The **Applicant must** ensure that all traffic accessing the Blayney Dewatering Facility does so via Marshalls Lane and Gerty Street. Hill Street shall not be used except with the written permission of Blayney Shire Council.

## Traffic Management Plan

- 46A. The **Applicant must** prepare a Traffic Management Plan for the project to the satisfaction of the **Secretary**. This plan must:
- be prepared by a suitably qualified and experienced person and in consultation with Councils and TfNSW;
  - include details of the transport routes to be used for project-related traffic;
  - describe measures to be implemented to minimise traffic and transport impacts to the public road network, including traffic safety issues and disruption to local users of the transport route/s during construction, operations or decommissioning works;
  - include a program to record and track vehicle movements and monitor the effectiveness of these measures; and include a Driver's Code of Conduct that includes:
    - adhering to posted speed limits or other required travelling speeds;
    - adhering to the designated transport routes; and
    - implement safe driving practices.
- 46B. The **Applicant must** implement the Traffic Management Plan as approved by the **Secretary**.

## VISUAL

### CVO Dewatering Facility

47. Prior to the commencement of construction of the CVO Dewatering Facility, the **Applicant must** prepare:
- architectural plans for the facility in a manner that achieves a suitable standard of design; and
  - a Landscape Plan for the facility, including provision for vegetative screening to minimise the visual impacts on adjacent receivers,
- in consultation with Blayney Shire Council, and to the satisfaction of the **Secretary**.

Following approval, these plans must be implemented to the satisfaction of the **Secretary**.

### Mining Operations Additional Visual Impact Mitigation

48. Upon receiving a written request from an owner of privately-owned land with significant direct views from a residence to the mining operations, the **Applicant must** implement additional visual impact mitigation measures (such as landscaping treatments or vegetation screens) in consultation with the landowner, and to the satisfaction of the **Secretary**.

These mitigation measures must be reasonable and feasible, and must be implemented within a reasonable timeframe.

If within 3 months of receiving this request from the owner, the **Applicant** and the owner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the **Secretary** for resolution.

#### Notes:

- The additional visual impact mitigation measures must be aimed at reducing the visibility of the mine from significantly affected residences and do not necessarily require measures to reduce visibility of the mine from other locations on the affected properties. The additional visual impact mitigation measures do not necessarily have to include measures on the affected property itself (i.e. the additional measures may consist of measures outside the affected property boundary that provide an effective reduction in visual impacts).*
- Except in exceptional circumstances, the **Secretary** will not require additional visual impact mitigation to be undertaken for residences that are more than 5 kilometres from the mining operations.*

### Visual Amenity and Lighting

49. The **Applicant must**:
- implement all reasonable and feasible measures to mitigate visual and off-site lighting impacts of the project;
  - ensure no outdoor lights shine above the horizontal; and
  - ensure that all external lighting associated with the project complies with **Australian Standard AS4282 2023 – Control of Obtrusive Effects of Outdoor Lighting** (or its latest version).

# CONSOLIDATED APPROVAL

## WASTE

### Waste Minimisation

50. The Applicant must:
- (a) minimise the waste generated by the project;
  - (b) ensure that the waste generated by the project is appropriately stored, handled and disposed of;
  - (c) manage on-site sewage treatment and disposal in accordance with the requirements of the applicable Council; and
  - (d) report on waste management and minimisation in the Annual Review.

### HAZARDS AND RISKS

- 50A. The Applicant must store and handle all chemicals, fuels and oils in accordance with:
- (a) all relevant Australian Standards, including and not limited to *Australian Standards 2187 Explosives – Storage, transport and use*; and
  - (b) for liquids, the EPA's *Storing and Handling of Liquids: Environmental Protection – Participants Handbook*, if the chemicals are liquids.

*Notes: In the event of an inconsistency between the requirements in (a) and (b), the most stringent requirement shall prevail to the extent of the inconsistency*

### HYDROCYCLONE SANDS TAILINGS PILOT PLANT

- 50B. Within three months of the completion of the hydrocyclone sands tailings test embankment works, unless otherwise agreed by the Secretary, the Applicant must submit a Hydrocyclone Sand Tailings Performance Report to the Secretary and RR. This report must:
- (a) be prepared by a suitably qualified and experienced person;
  - (b) respond to the conclusions and recommendations documented in the report "Review of the Cadia Mine Phase 2 Tailings Sand Production Test Program, 5 June 2024";
  - (c) describe how the results of the trial would demonstrate that the proposed hydro-cyclone sand embankment would meet a safe, stable and non-polluting operational and long-term rehabilitation objective;
  - (d) include geochemical evaluation to assess any acid generating and acid neutralising potential; and
  - (e) describe appropriate criteria and recommendations to ensure the long-term structural integrity of embankments constructed using hydrocyclone sand tailings.
-

# CONSOLIDATED APPROVAL

## SCHEDULE 4 ADDITIONAL PROCEDURES

### NOTIFICATION OF LANDOWNERS

1. Within 1 month of the date of this approval, the **Applicant must** notify the owners of the land listed in Table 1 of schedule 3 in writing that they have the right to require the **Applicant** to acquire their land at any stage during the project.
2. If the results of monitoring required in schedule 3 identify that impacts generated by the project are greater than the relevant impact assessment criteria, except where a negotiated agreement has been entered into in relation to that impact, then the **Applicant must**, within 2 weeks of obtaining the monitoring results, notify the **Secretary**, the affected landowners and tenants (including tenants of mine-owned properties) accordingly, and provide quarterly monitoring results to each of these parties until the results show that the project is complying with the criteria in schedule 3.

### INDEPENDENT REVIEW

3. If a landowner of privately-owned land considers the project to be exceeding the impact assessment criteria in schedule 3, then he/she may ask the **Secretary** in writing for an independent review of the impacts of the project on his/her land.

If the **Secretary** is satisfied that an independent review is warranted, the **Applicant must** within 3 months of the **Secretary's** decision:

- (a) consult with the landowner to determine his/her concerns;
  - (b) commission a suitably qualified, experienced and independent person, whose appointment has been approved by the **Secretary**, to conduct monitoring on the land, to:
    - determine whether the project is complying with the relevant impact assessment criteria in schedule 3; and
    - identify the source(s) and scale of any impact on the land, and the project's contribution to this impact; and
  - (c) give the **Secretary** and landowner a copy of the independent review.
4. If the independent review determines that the project is complying with the relevant impact assessment criteria in schedule 3, then the **Applicant** may discontinue the independent review with the approval of the **Secretary**.

If the independent review determines that the project is not complying with the relevant impact assessment criteria in schedule 3, then the **Applicant must**:

- (a) implement all reasonable and feasible measures, in consultation with the landowner, to ensure that the project complies with the relevant criteria, and conduct further monitoring to determine whether these measures ensure compliance; or
- (b) secure a written agreement with the landowner to allow exceedances of the relevant impact assessment criteria, to the satisfaction of the **Secretary**.

If the further monitoring referred to under paragraph (a) above determines that the project is complying with the relevant impact assessment criteria, then the **Applicant** may discontinue the independent review with the approval of the **Secretary**.

### LAND ACQUISITION

5. Within 3 months of receiving a written request from a landowner with acquisition rights, the **Applicant must** make a binding written offer to the landowner based on:
  - (a) the current market value of the landowner's interest in the property at the date of this written request, as if the property was unaffected by the project, having regard to the:
    - existing and permissible use of the land, in accordance with the applicable planning instruments at the date of the written request; and
    - presence of improvements on the property and/or any approved building or structure which has been physically commenced at the date of the landowner's written request, and is due to be completed subsequent to that date, but excluding any improvements that have resulted from the implementation of the 'additional noise mitigation measures' in condition 7 of schedule 3 or 'compensatory water supplies' in condition 24 of schedule 3;
  - (b) the reasonable costs associated with:
    - relocating within the same local government area, or to any other local government area determined by the **Secretary**; and

# CONSOLIDATED APPROVAL

- obtaining legal advice and expert advice for determining the acquisition price of the land, and the terms upon which it is to be acquired; and
- (c) reasonable compensation for any disturbance caused by the land acquisition process.

However, if at the end of this period, the **Applicant** and landowner cannot agree on the acquisition price of the land and/or the terms upon which the land is to be acquired, then either party may refer the matter to the **Secretary** for resolution.

Upon receiving such a request, the **Secretary** shall request the President of the NSW Division of the Australian Property Institute to appoint a qualified independent valuer to:

- (a) consider submissions from both parties;
- (b) determine a fair and reasonable acquisition price for the land and/or the terms upon which the land is to be acquired, having regard to the matters referred to in paragraphs (a)-(c) above;
- (c) prepare a detailed report setting out the reasons for any determination; and
- (d) provide a copy of the report to both parties.

Within 14 days of receiving the independent valuer's report, the **Applicant must** make a binding written offer to the landowner to purchase the land at a price not less than the independent valuer's determination.

However, if either party disputes the independent valuer's determination, then within 14 days of receiving the independent valuer's report, they may refer the matter to the **Secretary** for review. Any request for a review must be accompanied by a detailed report setting out the reasons why the party disputes the independent valuer's determination. Following consultation with the independent valuer and both parties, the **Secretary** shall determine a fair and reasonable acquisition price for the land, having regard to the matters referred to in paragraphs (a)-(c) above and the independent valuer's report. Within 14 days of this determination, the **Applicant must** make a binding written offer to the landowner to purchase the land at a price not less than the **Secretary's** determination.

If the landowner refuses to accept the **Applicant's** binding written offer under this condition within 6 months of the offer being made, then the **Applicant's** obligations to acquire the land shall cease, unless the **Secretary** determines otherwise.

6. The **Applicant must** pay all reasonable costs associated with the land acquisition process described in condition 5 above.
7. If the **Applicant** and landowner agree that only part of the land shall be acquired, then the **Applicant must** also pay all reasonable costs associated with obtaining Council approval for any plan of subdivision (where permissible), and registration of the plan at the Office of the Registrar-General.

# CONSOLIDATED APPROVAL

## SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING

### ENVIRONMENTAL MANAGEMENT

#### Environmental Management Strategy

1. The **Applicant must** prepare and implement an Environmental Management Strategy for the project to the satisfaction of the **Secretary**. The strategy must:
  - (a) be submitted to the **Secretary** for approval within 6 months of the date of this approval;
  - (b) provide the strategic framework for environmental management of the project;
  - (c) identify the statutory approvals that apply to the project;
  - (d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;
  - (e) describe the procedures that would be implemented to:
    - keep the local community and relevant agencies informed about the operation and environmental performance of the project;
    - receive, handle, respond to, and record complaints;
    - resolve any disputes that may arise during the course of the project;
    - respond to any non-compliance; and
    - respond to emergencies;
  - (f) include:
    - copies of the various strategies, plans and programs that are required under the conditions of this approval once they have been approved; and
    - a clear plan depicting all the monitoring to be carried out in relation to the project.

#### Annual Review

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. This review must:
  - (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.
- 2A. Copies of the Annual Review must be submitted to Council and relevant agencies and made available to the CCC and any interested person upon request.

#### Revision of Strategies, Plans and Programs

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 5A below;
  - (c) the submission of an audit under condition 7 below; and
  - (d) any modification of this approval; or
  - (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.

# CONSOLIDATED APPROVAL

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.

*Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the project.*

## Community Consultative Committee

4. Within 6 months of the date of this approval, the **Applicant must** establish Community Consultative Committee (CCC) for the project to the satisfaction of the **Secretary**. This CCC must be established and operated in general accordance with the **Community consultative committee guideline State significant projects June 2023**, or its latest version.

### Notes:

- *The CCC is an advisory committee. The Department and other relevant agencies are responsible for ensuring that the **Applicant** complies with this approval. In accordance with the **Guideline**, the Committee should comprise an independent chair and appropriate representation from the **Applicant**, affected councils and the general community.*
- *In establishing the CCC, the Department will accept the continued representation from existing CCC members, however the **Applicant** should ensure that adequate representation is achieved for landowners within the area surrounding the Cadia East underground mine.*

## COMPLIANCE

5. The Applicant must notify the Department within 24 hours of becoming aware of an incident. The notification must be made via the NSW planning portal (Major Projects) and address details of the incident including:
  - (a) date, time and location;
  - (b) a brief description of what occurred and why it has been classified as an incident;
  - (c) a description of what immediate steps were taken in relation to the incident; and
  - (d) identifying a contact person for further communication regarding the incident.
- 5A. The Applicant must provide the Department with a subsequent incident report in accordance with Appendix 9 (Incident Notification and Reporting Requirements).

## Non-Compliance Notification

- 5B. Within seven days of becoming aware of a non-compliance, the Applicant must notify the Department of the non-compliance. The notification must be in writing and must be submitted via the NSW planning portal (Major Projects). The notification must identify the development (including the development application number and name), set out the condition of this approval that the development is non-compliant with, why it does not comply, the reasons for the non-compliance (if known), and what actions have been undertaken, or will be undertaken, and when, to address the non-compliance.

*Note: A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.*

## Compliance Reporting

6. Deleted.

## INDEPENDENT ENVIRONMENTAL AUDIT

7. Independent Environmental Audits of the project must be conducted and carried out in accordance with the **Independent Audit Post Approval Requirements (2020)** or as updated from time to time and published on the Department's website.

7A. Deleted.

7B. Deleted.

7C. Deleted.

8. Deleted.

8A. Deleted.

## ACCESS TO INFORMATION

9. Before the commencement of construction until the completion of all rehabilitation required under this approval, the **Applicant** must:

# CONSOLIDATED APPROVAL

- (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;
  - 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 matter required by the Secretary; and
- (b) keep such information up to date, to the satisfaction of the Secretary.

## UPDATING AND STAGING OF STUDIES, STRATEGIES AND PLANS

10. To ensure the studies, strategies and plans for the project are updated on a regular basis and incorporate any required measures to improve the environmental performance of the project, the **Applicant** may submit revised studies, strategies or plans required for the project under the conditions of approval at any time. With the agreement of the Secretary, the **Applicant** may also submit any study, strategy or plan required under the conditions of this approval on a staged basis.
11. The Secretary may approve a revised strategy or plan required under the conditions of approval, or the stage submission of these documents, at any time. With the approval of the Secretary, the **Applicant** may prepare the revised or staged strategy or plan without undertaking consultation with all parties nominated under the applicable condition in this approval.

### Notes:

- While any study, strategy or plan may be submitted on a progressive basis, the **Applicant** must ensure that the existing operations on site are covered by suitable studies, strategies or plans at all times.
  - If the submission of any study, strategy or plan is to be staged, then the relevant study, strategy or plan must clearly describe the specific stage to which the study, strategy or plan applies, the relationship of this stage to any future stages, and the trigger for updating the study, strategy or plan.
-

# CONSOLIDATED APPROVAL

## APPENDIX 1: SCHEDULE OF LAND

EXISTING MINING LEASES		
Lot Number	Deposited Plan Number	Parish
2	1093785	Clarendon
9	113692	Clarendon
10	113692	Clarendon
128	750371	Clarendon
127	750371	Clarendon
126	750371	Clarendon
125	750371	Clarendon
124	750371	Clarendon
96	750371	Clarendon
95	750371	Clarendon
97	750371	Clarendon
212	865598	Clarendon
211	865598	Clarendon
93	750371	Clarendon
100	576778	Clarendon/Waldegrave
8	209035	Waldegrave
40	705768	Waldegrave
1	47553	Waldegrave
158	750371	Clarendon
134	750371	Clarendon
153	750371	Clarendon
6	511485	Clarendon
100	750371	Clarendon
87	750371	Clarendon
5	865599	Clarendon
99	750371	Clarendon
A	437767	Clarendon
166	750371	Clarendon
6	865599	Clarendon
103	750371	Clarendon
C	437767	Clarendon
101	576778	Waldegrave
2	47553	Waldegrave
3	47553	Waldegrave
15	234195	Waldegrave
18	234195	Waldegrave
4	209035	Waldegrave
3	209035	Waldegrave
17	234195	Waldegrave
6	209035	Waldegrave
7	655732	Waldegrave
19	234195	Waldegrave
20	234195	Waldegrave
21	750415	Waldegrave
41	705768	Waldegrave
8	47553	Waldegrave
22	750415	Waldegrave
7	47553	Waldegrave
23 part	1078095	Waldegrave
49	750371	Clarendon
3	113692	Clarendon
10	252284	Waldegrave

# CONSOLIDATED APPROVAL

<b>EXISTING MINING LEASES</b>		
Lot Number	Deposited Plan Number	Parish
6	47553	Waldegrave
240	750415	Waldegrave
193	750415	Waldegrave
192	750415	Waldegrave
241	750415	Waldegrave
2	47552	Waldegrave
151	750415	Waldegrave
155	750415	Waldegrave
152	750362	Blake
64	750362	Blake
5	47552	Blake
1	816924	Blake
275	750415	Waldegrave
242	750415	Waldegrave
252	750415	Waldegrave
5	47553	Waldegrave
254	750415	Waldegrave
3	47552	Waldegrave
1	47552	Waldegrave
2	816924	Blake/Waldegrave
20	750415	Waldegrave
7001	1020360	Waldegrave
253	750415	Waldegrave
255	750415	Waldegrave
287	750415	Waldegrave
295	823457	Waldegrave
16	234195	Waldegrave
247	750415	Waldegrave
272	750415	Waldegrave
248	750415	Waldegrave
251	750415	Waldegrave
1	750362	Blake
2	750362	Blake
5	750362	Blake
21	825426	Blake
3	731180	Blake
3	750362	Blake
4	750362	Blake
1	731180	Blake
22	825426	Blake
6	47552	Blake/Waldegrave
24 part	750362	Blake
25	750362	Blake
201 part	1037198	Carlton
21 part	1038104	Blake
38	750362	Blake
39	750362	Blake
102 part	1040753	Blake/Waldegrave
3 part	871086	Blake
Crown roads and public roads located within and between the above titles		
Crown land located within and between the above titles		

# CONSOLIDATED APPROVAL

<b>MINING LEASE APPLICATION AREA</b>		
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
23 part	1078095	Waldegrave
102 part	1040753	Blake/Waldegrave
22 part	1078095	Waldegrave
Cadia Road part	Between Lot 23 DP1078095 and Lot 22 DP1078095	Waldegrave
3 part	871086	Blake
21 part	1038104	Blake

<b>BLAYNEY DEWATERING FACILITY</b>		
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
299	1004555	Lindsay
1	1006860	Lindsay

<b>CVO DEWATERING FACILITY</b>		
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
106	1161062	Napier
102	1161062	Napier

<b>CONCENTRATE PIPELINE (from Cadia Valley to Blayney Dewatering Facility)</b>		
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
255	750415	Waldegrave
16	234195	Waldegrave
248	750415	Waldegrave
272	750415	Waldegrave
22	750415	Waldegrave
8	47553	Waldegrave
23	1078095	Waldegrave
<b>Location Description</b>		<b>Parish</b>
<b>CADIA ROAD</b>	North of Lot 23 DP1078095 to intersection with Woodville Road	Waldegrave
<b>WOODVILLE ROAD</b>	North of Lot 23 DP1078095 generally in a east and north east direction to the intersection with Long Swamp Road	Waldegrave
<b>LONG SWAMP ROAD</b>	North of Lot 10 DP1009643 generally in a east and south east direction to the intersection with Carbine Road	Beneree
<b>CARBINE ROAD</b>	East of Lot B DP961816 generally in a south direction to the intersection with Ovington Lane	Beneree
<b>OVINGTON LANE</b>	North of Lot 340 DP1049610 generally in a south east and east direction to the intersection with Waterson Lane	Calvert
<b>WATERSON LANE</b>	West and North of Lot 1 DP750367 generally in a North and North East direction to the intersection with Tallwood Road	Calvert
<b>TALLWOOD ROAD</b>	West of Lot 4 DP1061305 generally in a South, South East and East direction to Lot 7001 DP1020284	Calvert
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
7001	1020284	Calvert
<b>Location Description</b>		<b>Parish</b>
<b>TALLWOOD ROAD</b>	South West and West of Lot 335 DP750367 generally in a South, South East and East direction to intersection with Matthews Road	Calvert
<b>MATTHEWS ROAD</b>	North of Lot 1 DP1093688 generally in a East South East and South direction to the intersection with Browns Creek Road	Lindsay
<b>BROWNS CREEK ROAD</b>	South of Lot 130 DP874276 East direction to the intersection with Millthorpe Road	Lindsay

# CONSOLIDATED APPROVAL

<b>CONCENTRATE PIPELINE (from Cadia Valley to Blayney Dewatering Facility)</b>		
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
<b>MILLTHORPE ROAD</b>	West and South West of Lot 1 DP827318 to Lot 1 DP829674	Lindsay
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
1	829674	Lindsay
2	829674	Lindsay
1	241681	Lindsay
<b>Location Description</b>		<b>Parish</b>
<b>PALMER STREET, BLAYNEY</b> East of Lot 1 DP241681 to Lot 28 DP1061031		Lindsay
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
28	1061031	Lindsay
48	1063125	Lindsay
20	1082402	Lindsay
<b>Location Description</b>		<b>Parish</b>
<b>DOUST STREET, BLAYNEY</b> Generally East and South East to a point near Lot 9 DP1097231		Lindsay
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
9	1097231	Lindsay
10	1097231	Lindsay
<b>Location Description</b>		<b>Parish</b>
<b>MAIN WESTERN RAILWAY CORRIDOR</b> Generally in a North direction		Lindsay
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
1	DP1006860	Lindsay

<b>NEW CONCENTRATE PIPELINE (from Cadia Valley to Blayney Dewatering Facility then to CVO Dewatering Facility)</b>		
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
255	750415	Waldegrave
16	234195	Waldegrave
248	750415	Waldegrave
272	750415	Waldegrave
22	750415	Waldegrave
8	47553	Waldegrave
23	1078095	Waldegrave
<b>Location Description</b>		<b>Parish</b>
<b>CADIA ROAD</b> North of Lot 23 DP1078095 to intersection with Woodville Road		Waldegrave
<b>WOODVILLE ROAD</b> North of Lot 23 DP1078095 generally in a east and north east direction to the intersection with Long Swamp Road		Waldegrave
<b>LONG SWAMP ROAD</b> North of Lot 10 DP1009643 generally in a east and south east direction to the intersection with Carbine Road		Beneree
<b>CARBINE ROAD</b> East of Lot B DP961816 generally in a south direction to the intersection with Ovington Lane		Beneree
<b>OVINGTON LANE</b> North of Lot 340 DP1049610 generally in a south east and east direction to the intersection with Waterson Lane		Calvert
<b>WATERSON LANE</b> West and North of Lot 1 DP750367 generally in a North and North East direction to the intersection with Tallwood Road		Calvert
<b>TALLWOOD ROAD</b> West of Lot 4 DP1061305 generally in a South, South East and East direction to Lot 7001 DP1020284		Calvert
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
7001	1020284	Calvert
<b>Location Description</b>		<b>Parish</b>

# CONSOLIDATED APPROVAL

NEW CONCENTRATE PIPELINE (from Cadia Valley to Blayney Dewatering Facility then to CVO Dewatering Facility)		
<b>TALLWOOD ROAD</b>	South West and West of Lot 335 DP750367 generally in a South, South East and East direction to intersection with Matthews Road	Calvert
<b>MATTHEWS ROAD</b>	North of Lot 1 DP1093688 generally in a East South East and South direction to the intersection with Browns Creek Road	Lindsay
<b>BROWNS CREEK ROAD</b>	South of Lot 130 DP874276 East direction to the intersection with Millthorpe Road	Lindsay
<b>MILLTHORPE ROAD</b>	West and South West of Lot 1 DP827318 to Lot 1 DP829674	Lindsay
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
1	829674	Lindsay
2	829674	Lindsay
1	241681	Lindsay
	<b>Location Description</b>	<b>Parish</b>
<b>PALMER STREET, BLAYNEY</b>	East of Lot 1 DP241681 to Lot 28 DP1061031	Lindsay
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
28	1061031	Lindsay
48	1063125	Lindsay
20	1082402	Lindsay
	<b>Location Description</b>	<b>Parish</b>
<b>DOUST STREET, BLAYNEY</b>	Generally East and South East to a point near Lot 9 DP1097231	Lindsay
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
9	1097231	Lindsay
10	1097231	Lindsay
	<b>Location Description</b>	<b>Parish</b>
<b>MAIN WESTERN RAILWAY CORRIDOR</b>	Generally in a North direction	Lindsay
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
1	DP1006860	Lindsay

NEW CONCENTRATE PIPELINE (from Blayney Dewatering Facility to CVO Dewatering Facility)		
	<b>Location Description</b>	<b>Parish</b>
<b>MAIN WESTERN RAILWAY CORRIDOR</b>	Generally in a East direction to Lot 1 DP1098682	Lindsay
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
1	1098682	Napier
2	1073048	Napier
3	1073048	Napier

BELUBULA RIVER PIPELINE		
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
21	825426	Blake
1	731180	Blake
24	750362	Blake
25	750362	Blake
201	1037198	Carlton
21	1038104	Blake

PANUARA ROAD – As detailed in Figure 1.4, Appendix 1		
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
Deleted	Deleted	Deleted
Deleted	Deleted	Deleted
Part 43	750362	Blake
Part 50	1132784	Carlton
Part 1422	1168271	Blake
Part 32	1217542	Blake

# CONSOLIDATED APPROVAL

Part 201	1037198	Blake
Part 157	40039	Blake
	<b>Location Description</b>	<b>Parish</b>
Crown land	As detailed as "Existing Road Corridor" in Figure 1.4, Appendix 1	Blake/Carlton

<b>FLYERS CREEK WEIR</b>		
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
Crown land	Between Lot 22 DP1078095 and Lot 32 DP750367	Waldegrave
22	1078095	Waldegrave
2	776655	Waldegrave
Cadia Road part	Between Lot 23 DP1078095 and Lot 22 DP1078095	Waldegrave
32	750367	Calvert

<b>CADIANGULLONG DAM (Mining Lease Application [MLA 506])</b>		
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
13	750371	Clarendon
22	750371	Clarendon
82	750415	Waldegrave
123	750415	Waldegrave
169	750415	Waldegrave

<b>NEW MINING LEASE APPLICATION AREA</b>		
<b>Lot Number</b>	<b>Deposited Plan Number</b>	<b>Parish</b>
43	750362	Blake
32	1217542	Blake
1422	1168271	Blake and Carlton
50	1132784	Carlton
157	40039	Carlton

# CONSOLIDATED APPROVAL

## APPENDIX 2: PROJECT LAYOUT PLANS

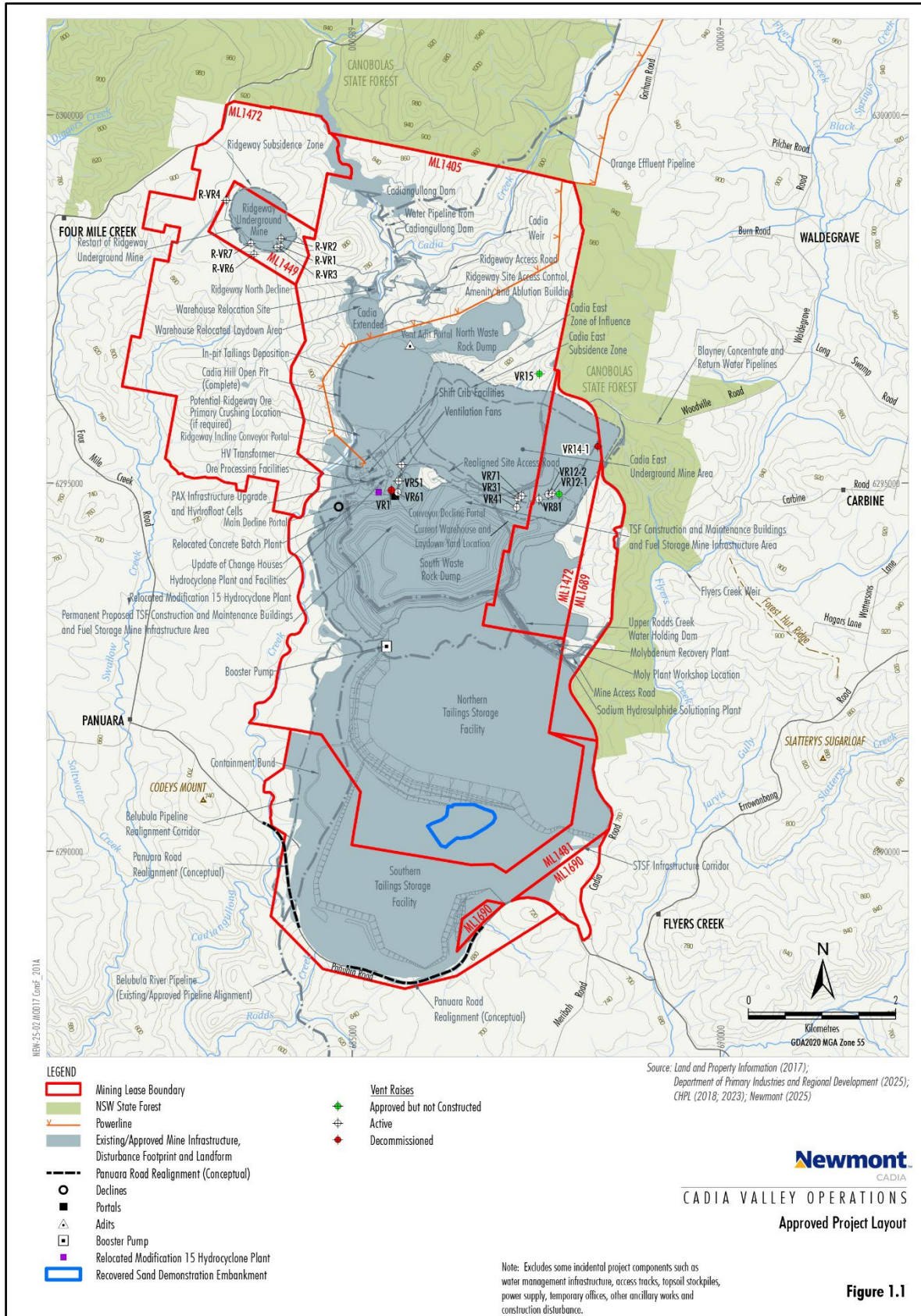


Figure 2.1: Approved project layout

# CONSOLIDATED APPROVAL



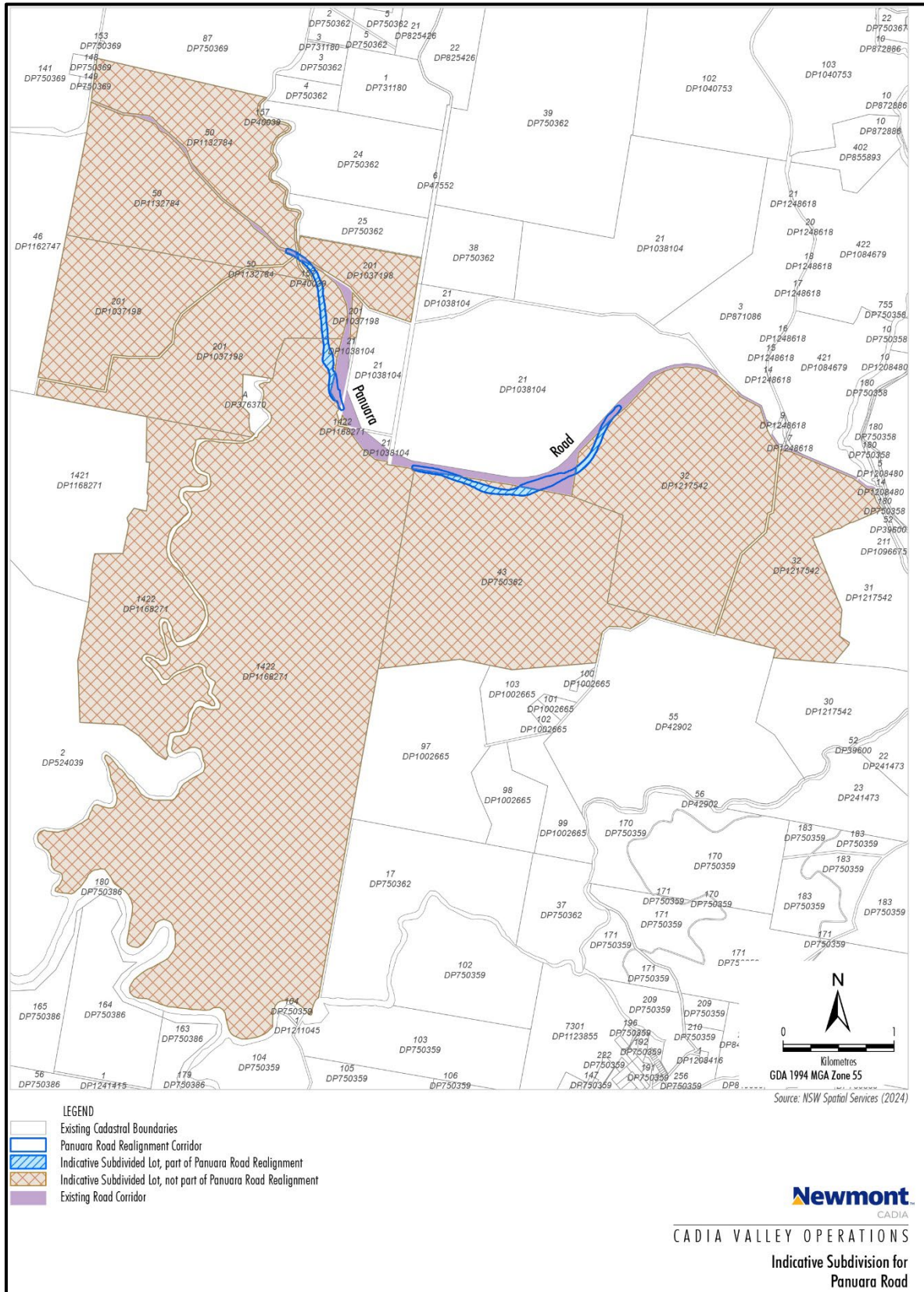
Figure 2.2: CVO Dewatering Facility approved layout and receivers

# CONSOLIDATED APPROVAL



Figure 2.3 Approved ore processing facilities

# CONSOLIDATED APPROVAL



**Figure 2.4: Panuara Road realignment - As approved for Modification 15**

# CONSOLIDATED APPROVAL

## APPENDIX 3: PREVIOUS EAs

### **Cadia Hill Mine**

Development Application 44/95 and Environmental Impact Statement titled Cadia Gold Mine, dated October 1995, and prepared by AGC Woodward-Clyde Pty Limited, as amended by the following:

- Submissions to the Commission of Inquiry;
- Modification Application MOD-92-11-2002-i;
- Statement of Environmental Effects titled Cadia Hill Gold Mine, dated October 2002, and prepared by Resource Strategies Pty. Ltd.;
- Modification application MOD 98-9-2003 I, and accompanying Statement of Environmental Effects titled Cadia Hill Gold Mine – Cadia North Waste Rock Modification, dated September 2003 and prepared by Cadia Holdings Pty Limited;
- Statement of Environmental Effects titled Cadia Valley Operations – Concentrate Road Transport;
- Modification, dated March 2004, and prepared by Cadia Holdings Pty Limited and Resource Strategies;
- Statement of Environmental Effects titled Cadia Valley Operations South Dump Modification dated May 2004, and prepared by Cadia Holdings Pty Limited; and
- Cadia Hill Gold Mine – Development Consent Modification Application, dated 11 May 2007;
- Cadia Hill Gold Mine – Development Consent Modification Application and supporting documentation, dated 30 November 2007;
- Modification application 44/95 MOD 7, and accompanying Statement of Environmental Effects titled Cadia Valley Operations – South Waste Rock Dump Modification, dated February 2008;
- Modification application DA 44/95 MOD 8, and accompanying supporting documentation titled Cadia Valley Operations Water Efficiency Modification – Environmental Review, dated September 2008;
- Modification application 44/95 MOD 9, and accompanying supporting documentation titled Cadia Valley Operations Processing Rate Modification – Environmental Review, dated October 2008;
- Modification application MOD 10 and supporting documentation dated 25 August 2009.

### **Ridgeway Mine**

Development Application 134-04-00, and Environmental Impact Statement titled Ridgeway Gold Project, dated April 2000, and prepared by Resource Strategies Pty Limited, as amended by the following:

- Submission to the Commission of Inquiry
- application to modify a development consent numbered 134-04-00/ M1, submitted to the Department of Urban Affairs and Planning on 7 April 2001, in accordance with Section 96(1A) of the Act, and supporting documentation produced by Resource Strategies Pty Limited, dated April 2001;
- the modification application MOD-Cadia-2004, and accompanying Statement of Environmental Effects titled Cadia Valley Operations – Concentrate Road Transport Modification, dated March 2004, and prepared by Cadia Holdings Pty Limited and Resource Strategies;
- Statement of Environmental Effects titled Cadia Valley Operations South Dump Modification, dated May 2004, and prepared by Cadia Holdings Pty Limited;
- Ridgeway Project – Development Consent Modification Application, dated 10 May 2007;
- Modification application 134-04-00 MOD 6, and accompanying Statement of Environmental Effects titled Cadia Valley Operations – South Waste Rock Dump Modification, dated February 2008;
- Modification application 134-04-00 MOD 7, and accompanying supporting documentation titled Ridgeway Project Modification – Environmental Review, dated March 2008,
- Modification application 134-04-00 MOD 8, and accompanying supporting documentation titled Cadia Valley Operations Water Efficiency Modification – Environmental Review, dated September 2008,
- Modification application 134-04-00 MOD 9, and accompanying supporting documentation titled Cadia Valley Operations Processing Rate Modification Environmental Review, dated October 2008,
- Modification application 134-04-00 MOD 10, and accompanying supporting documentation titled Cadia Valley Operations High Grade Circuit Modification – Environmental Review, dated October 2009.

### **Ridgeway Deeps Mine Extension**

DA 257-10-2004 and Statement of Environmental Effects, dated October 2004, and prepared by Resource Strategies Pty Ltd, as amended by:

- Modification application DA 257-10-2004 MOD 1, and accompanying supporting documentation titled Ridgeway Project Modification – Environmental Review, dated March 2008;
- Modification application DA 257-10-2004 MOD 2, and accompanying supporting documentation titled Cadia Valley Operations Water Efficiency Modification – Environmental Review, dated September 2008;
- Modification application DA 257-10-2004 MOD 3, and accompanying supporting documentation titled Cadia Valley Operations Processing Rate Modification Environmental Review, dated October 2008;
- Modification application 257-10-2004 MOD 4, and accompanying supporting documentation titled Cadia Valley Operations High Grade Circuit Modification – Environmental Review, dated October 2009.

### **Blayney Dewatering Facility**

Development Application No. 133-04-00 and Statement of Environmental Effects dated April, 2000, and prepared by Resource Strategies Pty Ltd, as amended by:

## CONSOLIDATED APPROVAL

- All other relevant documentation including additional information provided to DUAP and the Commission of Inquiry including the Primary Submission and responses to questions;
- Application to modify a development consent numbered 133-04-00/m1, submitted to the Department of Urban Affairs and Planning on 1 May 2001, in accordance with Section 96(1A) of the Act, and supporting documentation produced by Resource Strategies Pty Limited, dated April 2001;
- Modification application MOD-Cadia-2004 and the accompanying Statement of Environmental Effects titled "Cadia Valley Operations – Concentrate Road Transport Modification SEE", prepared by Cadia Holdings Pty Limited and Resource Strategies, dated March 2004;
- Modification application MOD-2-1-2005 and the accompanying Statement of Environmental Effects titled "Blayney Concentrate Dewatering and Loading Facility, Section 96(1A) Loading Modification, Supporting Information", prepared by Cadia Holdings Pty Limited and Resource Strategies Pty Ltd, dated December 2004.

FOR INFORMATION

# CONSOLIDATED APPROVAL

## APPENDIX 4: RECEIVER LOCATION PLANS

(Note: The receiver locations for the CVO Dewatering Facility are shown on the relevant plan in Appendix 2).

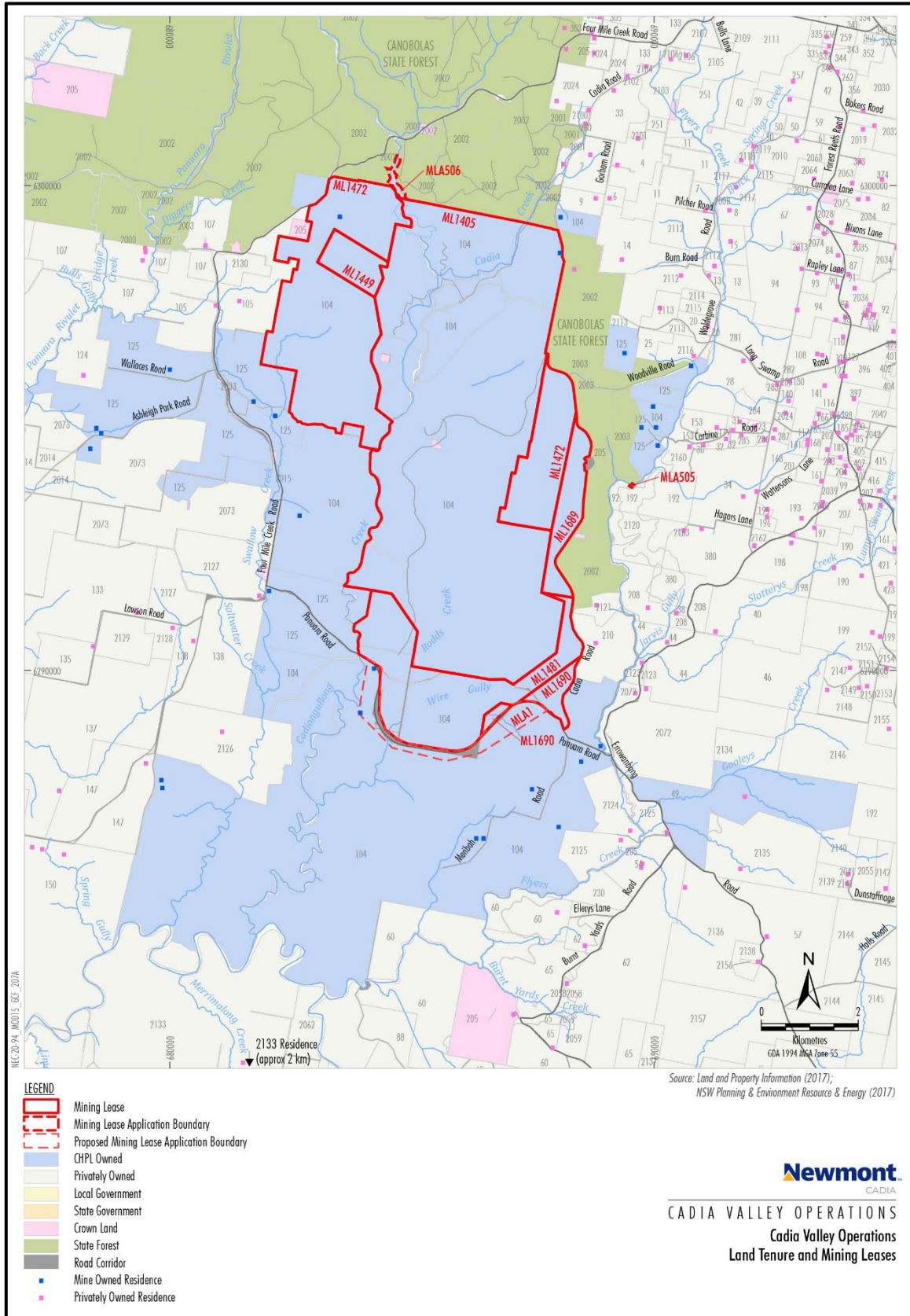
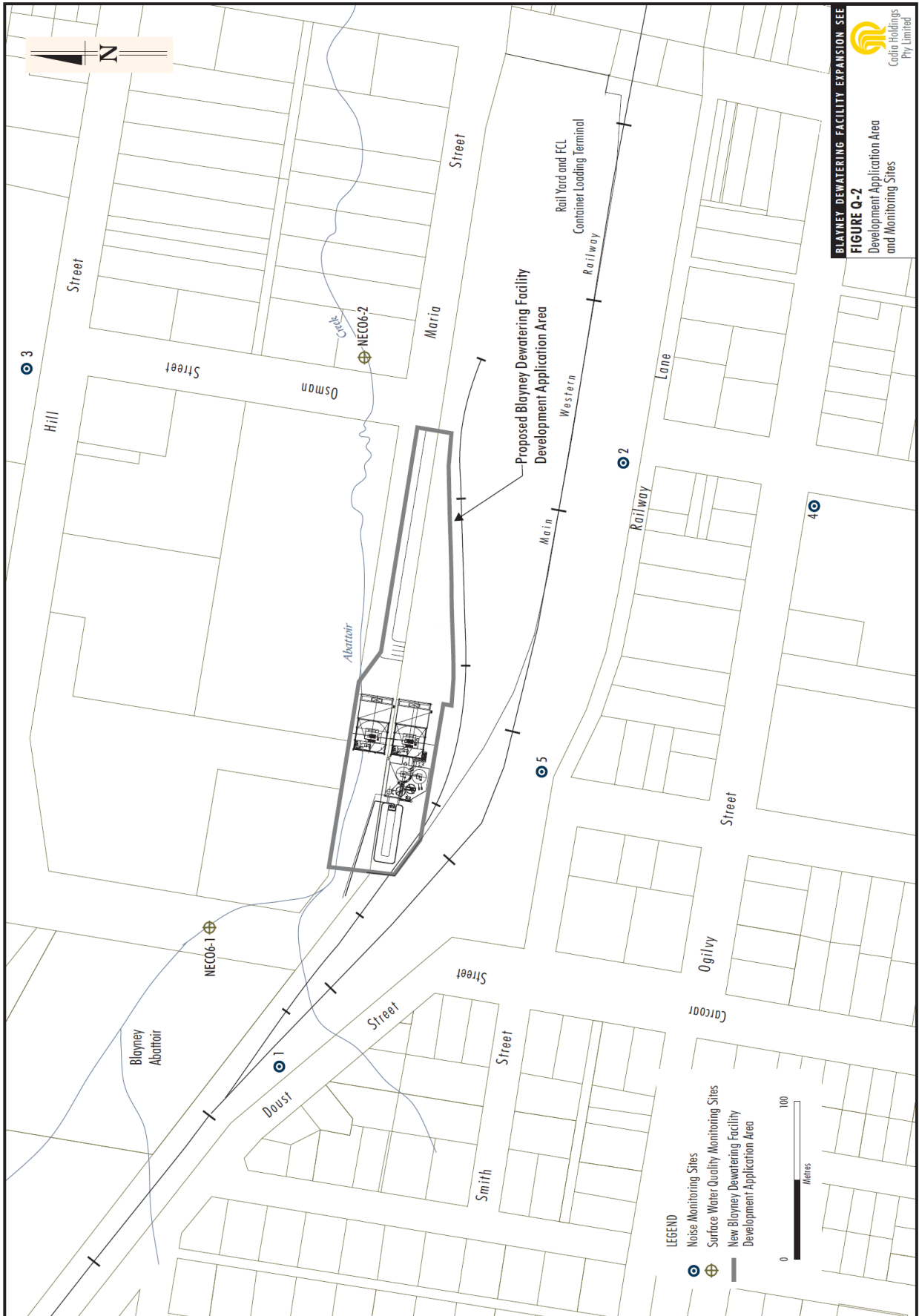


Figure 4.1: CVO surrounding receivers

# CONSOLIDATED APPROVAL



**Figure 4.2: Blayney Dewatering Facility**

# CONSOLIDATED APPROVAL

## APPENDIX 5: WATER CATCHMENTS AND GROUNDWATER DRAWDOWN PLANS

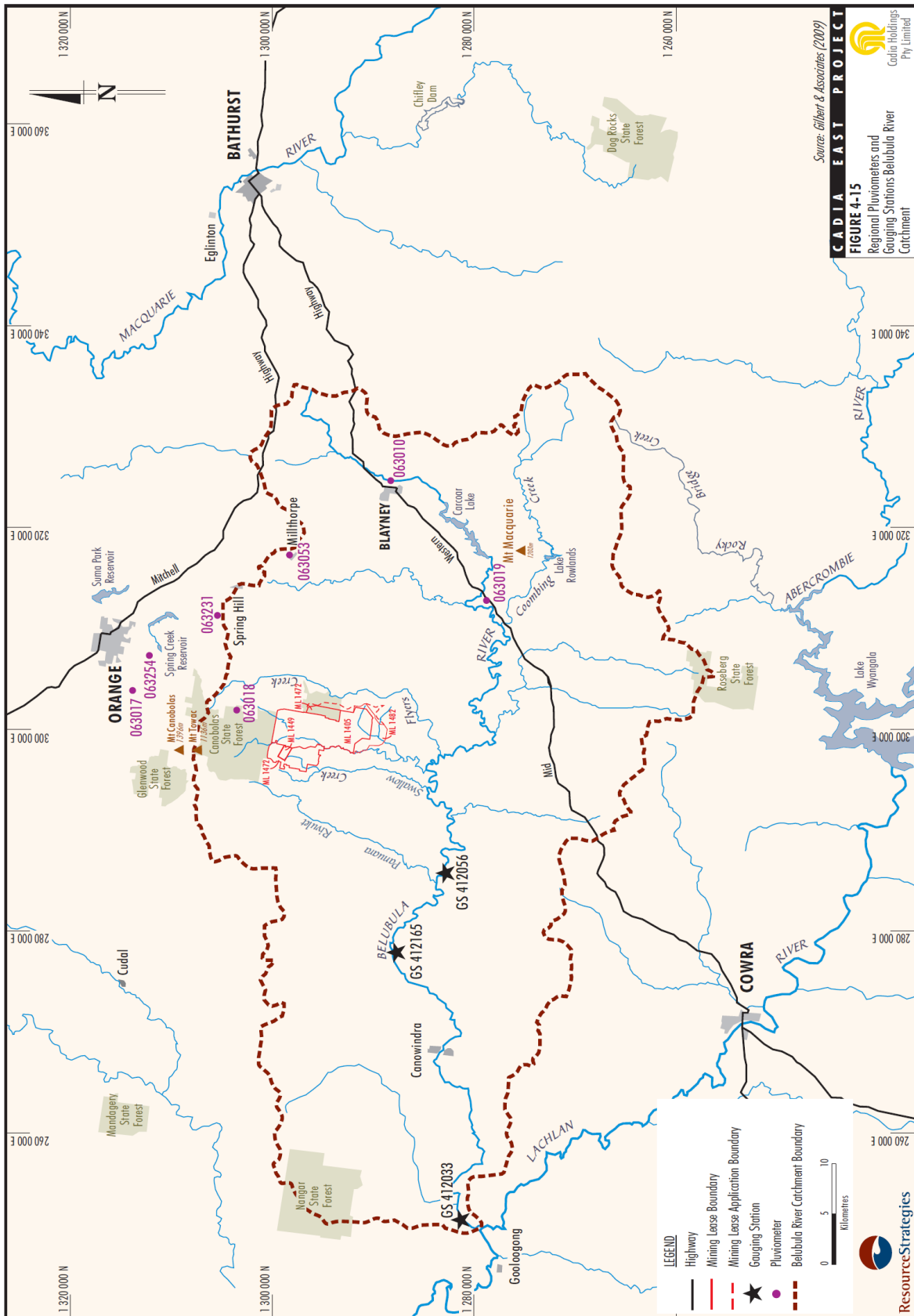
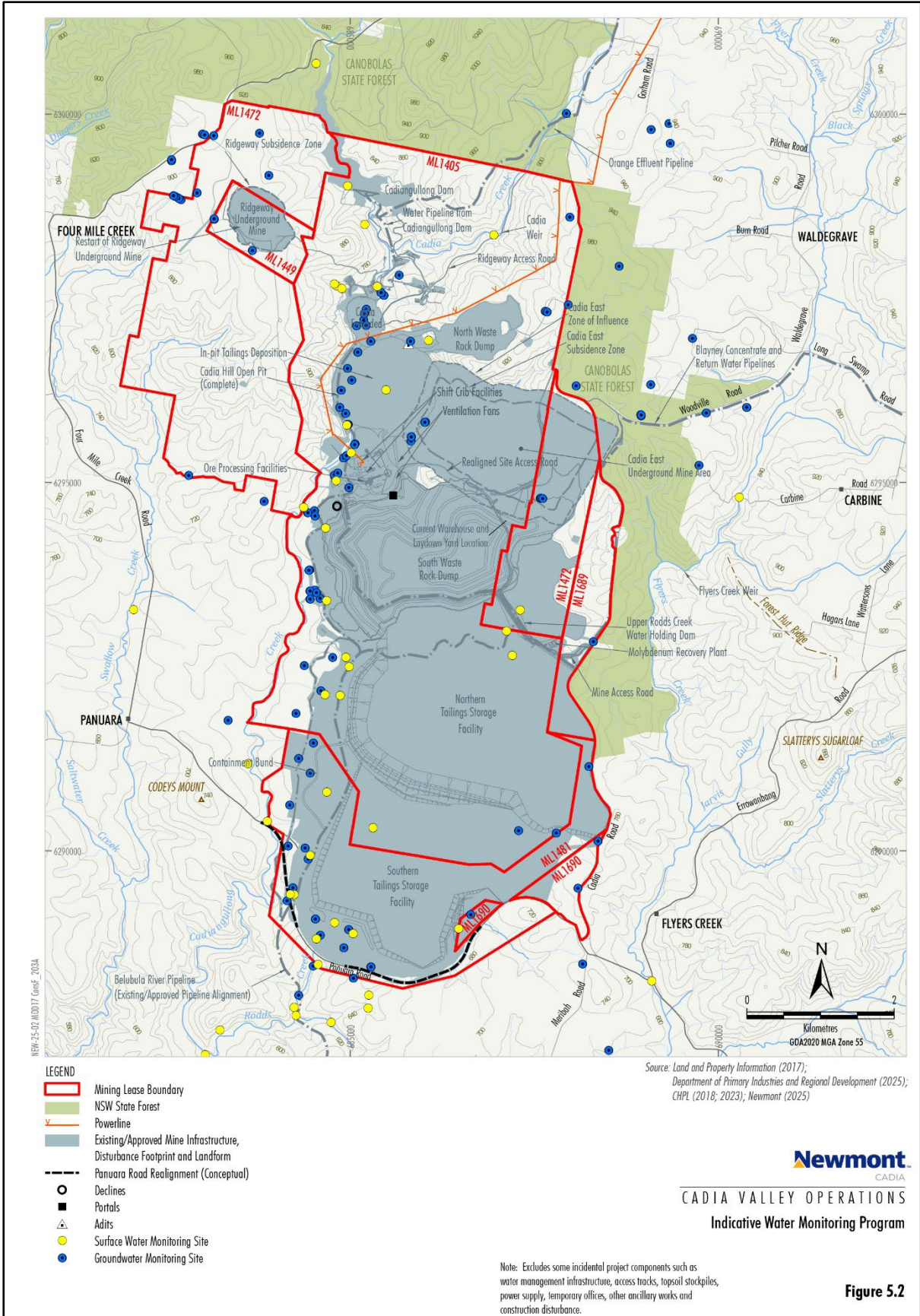


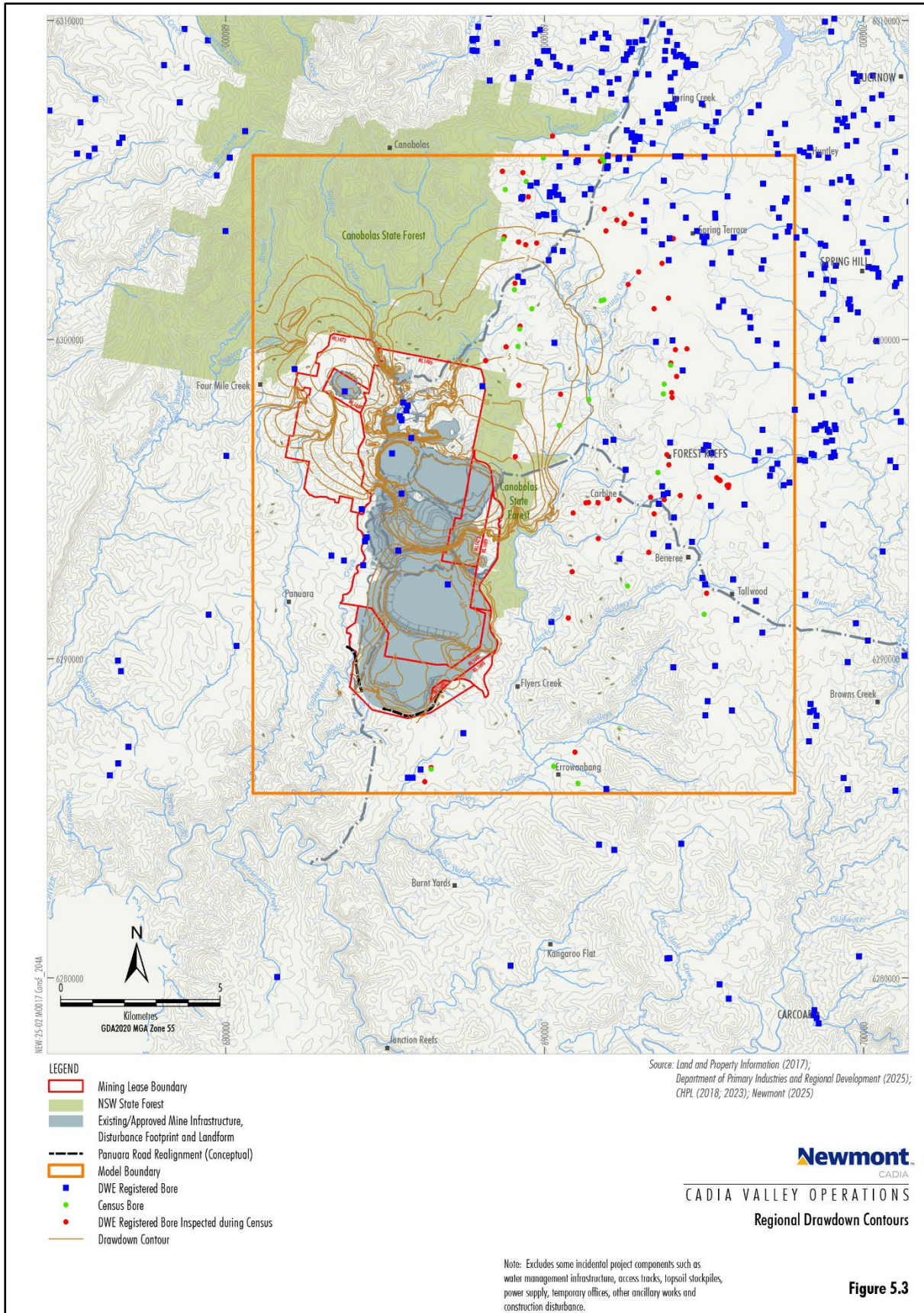
Figure 5.1: Regional catchment

# CONSOLIDATED APPROVAL



**Figure 5.2: Indicative water monitoring program**

# CONSOLIDATED APPROVAL



# CONSOLIDATED APPROVAL

## APPENDIX 6: REHABILITATION PLAN AND OFFSET STRATEGY

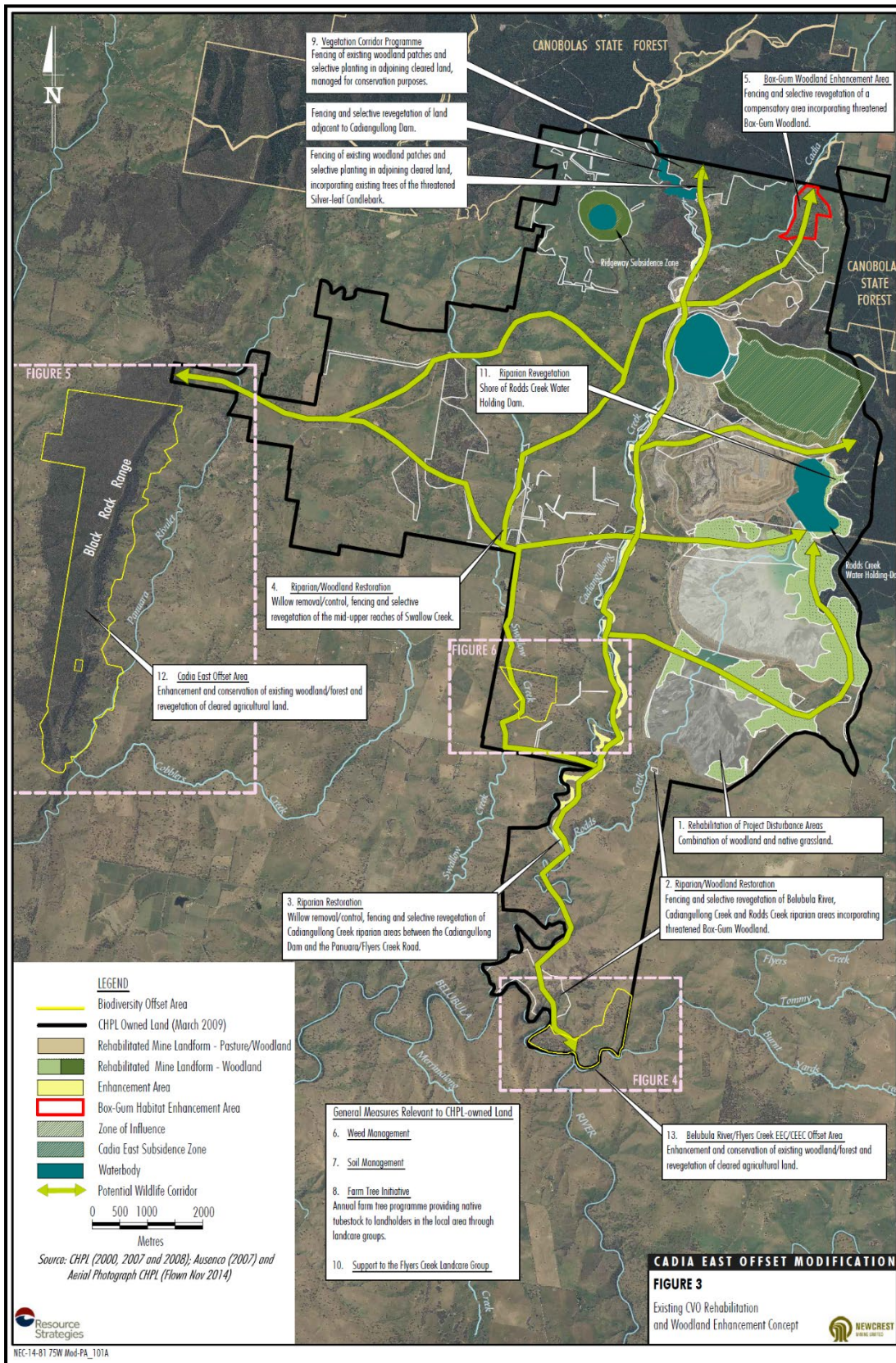


Figure 6.1: CVO Rehabilitation and Woodland Enhancement

# CONSOLIDATED APPROVAL

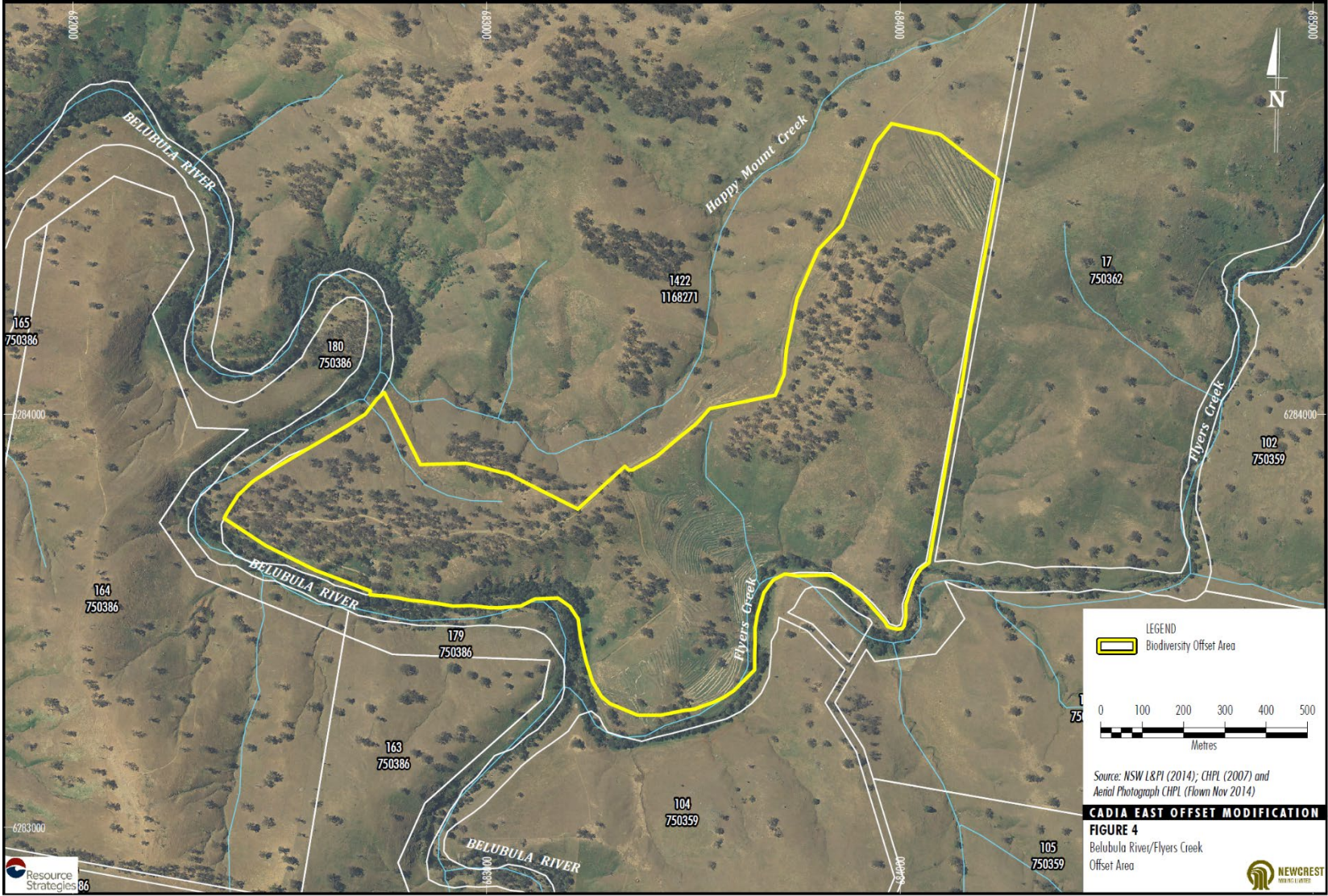


Figure 6.2: Belubula River/Flyers Creek Offset Area

# CONSOLIDATED APPROVAL

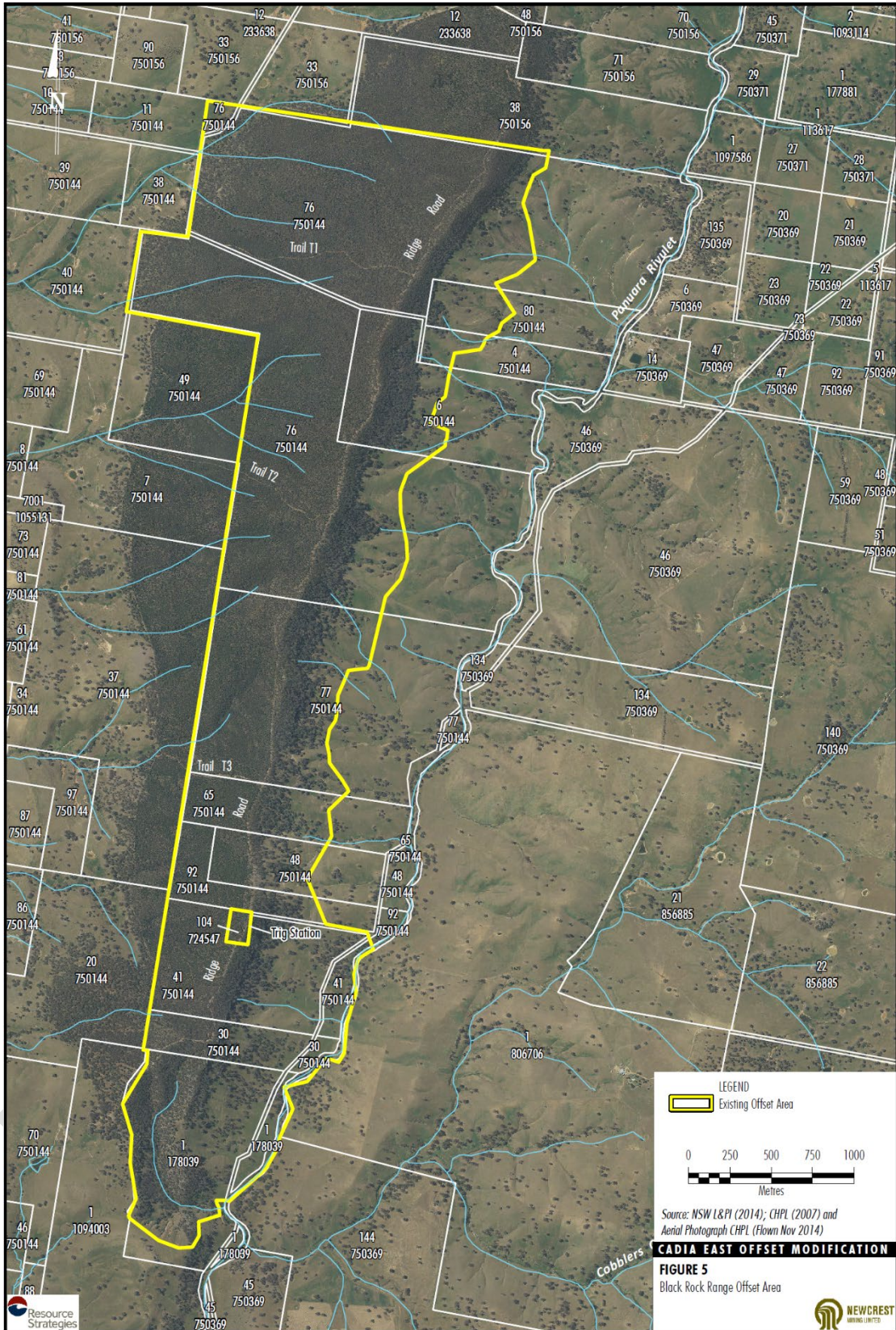


Figure 6.3: Black Rock Range Offset Area

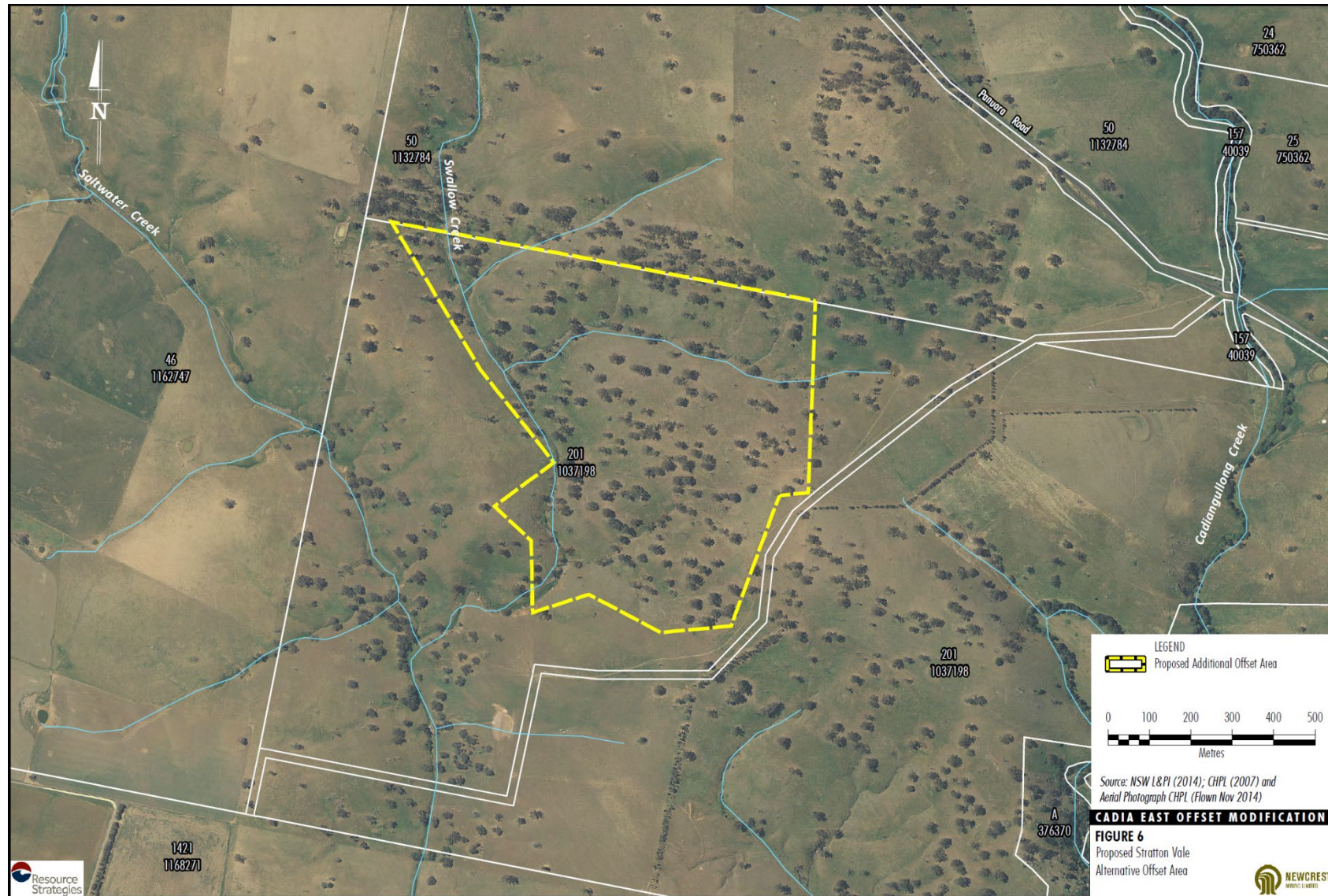


Figure 6.4: Stratton Vale Offset Area



# CONSOLIDATED APPROVAL

## APPENDIX 7: GENERAL TERMS FOR THE PLANNING AGREEMENT

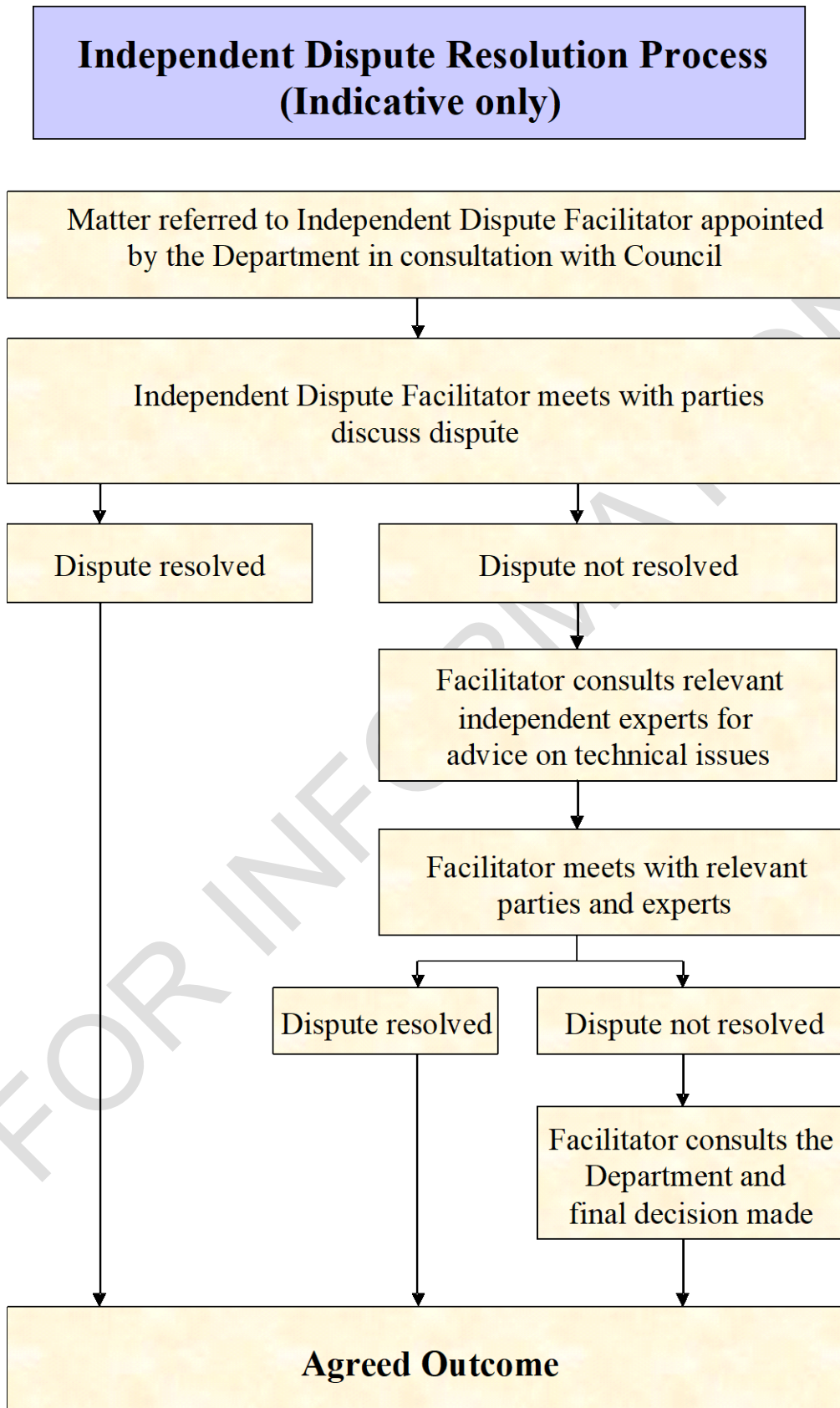
Contributions to the Councils up to a total of \$8 million (\$3 million upfront [within the first 3 years] and \$238,000 each year for 21 years) for:

- upgrade of the Councils' road infrastructure affected by the project; and
- general community enhancement to address social amenity and community infrastructure requirements arising from the project.

*Note: The road maintenance agreements will be determined upon completion of a road condition survey and assessment of future maintenance requirements, which will be facilitated by Orange City Council on behalf of the three Councils and the Applicant.*

# CONSOLIDATED APPROVAL

## APPENDIX 8: INDEPENDENT DISPUTE RESOLUTION PROCESS



# CONSOLIDATED APPROVAL

## APPENDIX 9: INCIDENT NOTIFICATION AND REPORTING REQUIREMENTS

### INCIDENT NOTIFICATION REQUIREMENTS

1. All incident notifications and reports must be submitted via the NSW planning portal (Major Projects).
2. The Applicant must provide notification as required under these requirements, even if the Applicant fails to give the notification required under Schedule 5, **condition 5** or, having given such notification, subsequently forms the view that an incident has not occurred.
3. Within 7 days (or as otherwise agreed by the Secretary) of the Applicant making the immediate incident notification (in accordance with Schedule 5, **condition 5**), the Applicant is required to submit a subsequent incident report that:
  - (a) identify how the incident was detected;
  - (b) identifies when the Applicant became aware of the incident;
  - (c) identifies any actual or potential non-compliance with conditions of approval;
  - (d) identifies further action(s) that will be taken in relation to the incident; and
  - (e) a summary of the incident;
  - (f) outcomes of an incident investigation, including identification of the cause of the incident;
  - (g) details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence, including the period for implementing any corrective and/or preventative actions; and
  - (h) details of any communication with other stakeholders regarding the incident.
4. The Applicant must submit any further reports as directed by the Secretary.