



Regional
NSW

The Manager
Dendrobium Mine and Cordeaux Colliery
PO Box 1153
UNANDERRA NSW 2526

Our ref: MAAG0007182
MAAG0007658
RR20/94889

Attention – Nicola Curtis, Principal Mining Approvals

Sent by email only to:

Nicola.Curtis@South32.net ; Karina.Tuveng@south32.net ; Murray.Ward@south32.net

24 July 2020

Dear Nicola

Mining Lease (ML) 1510 and ML1566 (both Act 1992) & Consolidated Coal Lease (CCL) 768 (Act 1973), Dendrobium Coal Pty Ltd and Illawarra Coal Holdings Pty Ltd, Approval of Mining Operations Plan Addendum for Dendrobium Mine and Cordeaux Colliery

NOTICE OF APPROVAL

Pursuant to Condition 2 of Mining Lease (ML) 1510 and ML 1566, and Condition 3 of Consolidated Coal Lease (CCL) 768, the Dendrobium Mine and Cordeaux Colliery Mining Operations Plan (MOP) Addendum documents that were submitted to the Resources Regulator within the NSW Department of Regional NSW on:

- 20 May 2020 "Area 5 Surface Exploration 2020" (Our Reference: MAAG0007182)
- 30 June 2020 "6-67 Powerline Rehabilitation" (Our Reference: MAAG0007658)

are approved for the period from the date of this approval until 1 July 2022.

[**Note** - This approval letter supersedes the previous Dendrobium Mine and Cordeaux Colliery MOP approval letter dated 27 November 2019 (Department Reference: MAAG0004533, RR19/249409) effective as of the date of this letter].

It is the responsibility of the Authorisation Holder to ensure that all mining and mining related operations described in this MOP are as approved within the relevant development consent and all necessary approvals, consents or permits required under

Resources Regulator

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the relevant NSW or Commonwealth regulations have been obtained prior to carrying out the operations.

It is the responsibility of the Authorisation Holder to fulfil their obligations and commitments to the rehabilitation outcomes and performance standards as approved by the relevant consent authority to ensure the rehabilitation outcomes identified are achieved.

ASSESSED DEPOSIT

Approval of this MOP amendment has triggered a review of the assessment of the security deposit required to secure funding for the fulfilment of rehabilitation obligations under Consolidated Coal Lease 768.

Notice of the change in the security deposit condition related to this MOP approval will be provided separately.

DEFINITIONS

In this letter, words have the meaning given to those terms in the *Mining Act 1992*, unless otherwise specified below.

Authorisation Holder means the holder of the relevant authorisation(s).

Mining Operations Plan means the project, mining and mining related operations described in the "*Mining Operations Plan, Dendrobium Mine and Cordeaux Colliery*", Version 1, prepared by South32 Illawarra Coal and dated 29 June 2015 (Department Reference: INW16/35816), as amended by:

- 1) "*Mining Operations Plan, Dendrobium Mine and Cordeaux Colliery (Addendum)*", Version 1 dated 13 July 2016 and received on 14 July 2016 (Department Reference: INW16/35815)
- 2) "*Review of Environmental Factors, Survey 14, Proposed Surface Exploration Dendrobium Area 5, Prepared for Illawarra Coal, May 2016*", Rev 4 dated 14 June 2016 (Department Reference: INW16/32986)
- 3) "*Dendrobium Mine and Cordeaux Colliery, Closure Plan, January 2017*" (Department Reference: INW17/3746)
- 4) "*Mining Operations Plan – 2017 Addendum, Mining Operations Plan, Dendrobium Mine and Cordeaux Colliery*" (Department Reference: INW16/35815), including Appendices a-e;
 - a) "*Review of Environmental Factors, Dendrobium Areas 5 and 6 Monitoring - Prepared for Illawarra Coal – November 2016*" (Department Reference: INW17/41807)

- b) *“Review of Environmental Factors, Survey 15, Proposed Surface Exploration in Dendrobium Area 5, Prepared for South32 Illawarra Coal, June 2017”, Revision 2 (Department Reference: INW17/46689)*
 - c) *“Illawarra Coal, Remedial Action Plan, Corrimal No 3 Ventilation Shaft Picton Road, NSW, 6 July 2017” (Department Reference: INW1741809)*
- 5) *“Dendrobium Mine and Cordeaux Colliery Mine Operations Plan Addendum” – letter from Chris Weir, Exploration Supervisor, dated 13 November 2017 (Department Reference: INW17/68612), including attachment;*
- a) *“Review of Environmental Factors, Survey 15 – Addendum 1, Addendum 1 for one additional and three relocated Borehole Investigation Sites, Prepared for South32 Illawarra Coal, October 2017”, Revision 0 – Final dated 13 October 2017 (Department Reference: INW17/68612)*
 - b) *E-mail from Peter McMillan, Environment Supervisor, dated 26 October 2017, “Corrimal Vent Shaft 3 Removal of Line” (Department Reference: OUT17/43719)*
- 6) *“Mining Operations Plan, Dendrobium Mine and Cordeaux Colliery Mining Operations Plan - 2018 Addendum Survey 16” (undated, received 18 July 2018), (Department Reference: DOC18/507270), and attachment;*
- a) *“Review of Environmental Factors, Survey 16, Proposed Surface Exploration in Dendrobium Area 5, June 2018”, prepared by Niche Environment and Heritage for South32 Illawarra Coal”, Rev 2 – Final dated 13 June 2018 (Department Reference: DOC18/530799)*
- 7) *“Mining Operations Plan, Dendrobium Mine and Cordeaux Colliery, Mining Operations Plan - 2019 Addendum Survey 16” (undated, received 8 February 2019) (Department Reference: DOC19/136611), and attachment;*
- a) *“Review of Environmental Factors, Survey 16 Addendum, Proposed Surface Exploration in Dendrobium Area 5, January 2019”, prepared by Niche Environment and Heritage for South32 Illawarra Coal”, Rev 3 – Final dated 22 January 2019 (Department Reference: DOC19/99410)*
- 8) *“South 32 Illawarra Coal, O’Briens Drift and O’Briens Gap, Switchyards Demolition Management Plan”, (Revision 0, dated 24 April 2019 (Department Reference: DOC19/358648), and attachment;*
- a) *Covering letter dated 29 April 2019, signed by Nicola Curtis, Principal Mining Approvals (Department Reference: DOC19/358653)*
- 9) *“Mining Operations Plan, Dendrobium Mine and Cordeaux Colliery, Mining Operations Plan - 2019 Area 3B Surface Exploration” (undated, received 23 May 2019) (Department Reference: DOC19/435521), and attachments;*
- a) *“Review of Environmental Factors, Proposed Surface Exploration in Dendrobium Area 3B, Prepared for South32 Illawarra Coal, November 2017”, prepared by Niche Environment and Heritage (Rev 0 dated 4 December 2017) (Department Reference: DOC19/435486)*
 - b) *“Review of Environmental Factors, Area 3B Addendum, Addendum to Review of Environmental Factors for Proposed Surface Exploration in Dendrobium Area 3B, Prepared for South32 Illawarra Coal, September*

2018”, prepared by Niche Environment and Heritage (Rev 1 dated 28 September 2018) (Department Reference: DOC19/435490)

- 10) *“Mining Operations Plan, Dendrobium Mine and Cordeaux Colliery, Mining Operations Plan – 2019 Addendum”*, (Department Reference: DOC19/513909), and attachments;
 - a) *“WC21 and Donalds Castle Creek Rehabilitation Plan, September 2017”*, (Revision 2.0) (Department Reference: DOC19/513901),
 - b) *“Longwall 17 Watercourse Impact, Monitoring, Management and Contingency Plan, Dendrobium Area 3B, March 2019”*, (Revision 1.7) (Department Reference: DOC19/514285)
 - c) *“Longwall 17 Swamp Impact, Monitoring, Management and Contingency Plan, Dendrobium Area 3B, March 2019”*, (Revision 1.7) (Department Reference: DOC19/514298)

- 11) *“South 32 Illawarra Coal, Mining Operations Plan Addendum 2019, 6-19, 6-10, 6-20 and 6-15 Powerline and Substation Rehabilitation”*, (Department Reference: DOC19/618195), including referenced Appendices A-F:
 - a) *Appendix A - Location Plans (DOC19/618183)*
 - b) *Appendix B - Summary of Powerpoles (DOC19/618185)*
 - c) *Appendix C - Heritage Assessment of the 6-19 Powerline Greenhills to Wongawilli (DOC19/618186)*
 - d) *Appendix D - Aboriginal Heritage Due Diligence Assessment (DOC19/618187)*
 - e) *Appendix E - Heritage Assessment of the 6-20, 6-10 and 6-15 Powerline (DOC19/618188)*
 - f) *Appendix F - 6-19 Hazmat Report (DOC19/618189)*

- 12) *“South32 Illawarra Coal, Mining Operations Plan, Dendrobium Mine and Cordeaux Colliery, Mining Operations Plan - Addendum, Area 3C and Area 5 Surface Exploration 2019”* (undated, received 30 September 2019) (Department Reference: RR19/239736), and attachments;
 - a) *“Review of Environmental Factors, Survey 16 Addendum 2, Proposed Surface Exploration Borehole Sites S17-02, S17-03, S17-13, S17-16, S17-17, S17-18 and STIS1 in Dendrobium Area 5, Prepared for South32 Illawarra Coal, August 2019”* (Rev 2 dated 15 August 2019), prepared by Niche Environment and Heritage (Department Reference: RR19/239739)
 - b) *“Review of Environmental Factors, Survey 17, Proposed Surface Exploration in Dendrobium Area 3C, Prepared for South32 Illawarra Coal, 12 September 2019”*, prepared by Niche Environment and Heritage (Department Reference: DOC19/951293)

- 13) *“South32 Illawarra Metallurgical Coal, Mining Operations Plan, Dendrobium Mine and Cordeaux Colliery, Mining Operations Plan – Addendum, Area 5 Surface Exploration 2020”* (undated, received 20 May 2020) (Department Reference: MAAG0007182, RR20/72413), and attachment;
 - a) *“Survey 16, Review of Environmental Factors - Addendum 3, Proposed Surface Exploration Borehole Sites S17-19, S17-20, S17-21, S17-22 in Dendrobium Area 5, Prepared for South32 Illawarra Coal, 25 November*

2019" (Rev 2 dated 25 November 2019), prepared by Niche Environment and Heritage (Department Reference: RR20/72386)

- b) *Conditions of Approval of the "Determination and Activity Approval (D2019/139527" issued by WaterNSW and dated 20 February 2020 (Department Reference: RR20/83272)*

- 14) *"South32, Illawarra Metallurgical Coal, Mining Operations Plan Addendum 2020, 6-67 Powerline Rehabilitation, June 2020", (Department Reference: MAAG0007658, RR20/90336), including referenced Appendices A-C:*

- a) *Appendix A - Location Plans (RR20/90335)*
b) *Appendix B – "Historical Heritage Constraints Assessment: Addendum Report, 6-67 Elouera Mine Sub to Elouera Air Shaft Sub" prepared by Niche Environment and Heritage and dated 30 June 2020 (RR20/90341)*
c) *Appendix C – "Due Diligence Assessment, NSW Minerals Industry Code of Practice for the Protection of Aboriginal Objects, Removal of 6-67 Power poles from Dombarton/Wongawilli", dated 22 June 2020 (RR20/90337)*

[Limitation: With reference to Items 4(a)-4(c), 5(a)-5(b), 6(a), 7(a), 8, 9(a)-9(b), 10(a) – 10(c), 11, 12(a)-12(b).13(a) and 14, acceptance as MOP addendum documents is subject to these being covered by separate, valid approval(s) where required, including completion of any required assessment under Part 5 of the Environmental Planning and Assessment Act 1979].

If you have any questions about this Notice, please contact me directly on (02) 4276 7428 or email address nswresourcesregulator@service-now.com.

Yours sincerely,

 24 July 2020

Greg Kininmonth
Manager Environmental Operations
Mining Act Inspectorate
NSW Resources Regulator

Signed under delegation from the Minister for Regional NSW, Industry and Trade

