



16 June 2020

Business Centre Coal
Dept of Environment and Science
Via email: CRMining@des.qld.gov.au

To whom it may concern

Lenton Joint Venture (LJV) – New Lenton Coal Project – Environmental Authority Amendment Application – EPML00475513 - APP0043272 – ML70337, MLA700053, MLA700054 – Response to information request

In response to the Department of Environment and Science (DES) request for information (RFI) dated 12/12/2019, please find **attached** the updated New Lenton EA Amendment Supporting Information Document with tracked changes.

Table 1 below outlines the response references to ‘Appendix A: Information Request’ in relation to the updated supporting information document.

Table 1 RFI Response References

| | DES RFI Items | RFI Response References |
|----|--|--|
| 1. | <i>Further to the information provided in ‘New Lenton Joint Venture Environmental Authority Amendment – Supporting Document’ (Supporting document), provide an assessment of the potential impacts to environmental values that:</i> | - |
| a) | <i>provides a comparison and contrast of the authorised mine layout and the proposed reconfiguration, including changes to environmental values as required to satisfy section 226A(f) of the EP Act.</i> | Refer to Table 5.1 of Section 5. |
| b) | <i>describes any changes to the scale and intensity of impact to environmental values resulting from the proposed mine layout reconfiguration as required to satisfy section 226A(f) of the EP Act.</i> | Refer to Table 5.2 of Section 5. |
| c) | <i>describe the operational interactions between New Lenton Coal Mine and New Burton Coal Mine (e.g. water management, environmental monitoring).</i> | Refer to Section 3.9. |
| 2. | <i>Further to the information provided in the Supporting document, provide an assessment of the potential impacts to land that:</i> | - |
| a) | <i>demonstrates that the proposed amendment will be managed to minimise the extent and severity of land disturbance;</i> | Refer to Section 5.7.10, Section 5.7.11 and |

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| | | Section 5.7.12, and Appendix H. |
| b) | <i>provides detail of:</i> | - |
| (i) | <i>the rehabilitation goals and objectives, indicators and completion criteria for each Project domain, in accordance with Departmental Guideline Rehabilitation requirements for mining resource activities (EM1112);</i> | Refer to Section 5.7.10, Section 5.7.11 and Section 5.7.12, and Appendix H. |
| (ii) | <i>a schedule of rehabilitation works for the New Lenton Coal Mine that includes:</i> | Refer to Table 5.44 of Section 5.7.11. |
| a. | <i>the total area of disturbance for each identified disturbance domain and all rehabilitation activities required to be completed for the New Lenton Coal Mine (mining tenures to be listed) i.e. progressive rehabilitation to be undertaken for the life of the project;</i> | Refer to Table 5.44 of Section 5.7.11 and Table 5.45 of Section 5.7.12. |
| b. | <i>timeframes associated with the rehabilitation activities as they relate to each identified disturbance domain.</i> | Refer to Table 5.44 of Section 5.7.11. |
| 3. Water | <i>Further to the information provided in the Supporting document, provide an assessment of the potential impacts to water that:</i> | - |
| a) | <i>provides detail of:</i> | - |
| (i) | <i>location of all proposed release points (latitude and longitude in decimal degrees, GDA94) including a map detailing the locations</i> | Refer to Section 5.3.8, Section 6.3 and Appendix C. |
| (ii) | <i>Description of the receiving environment at any proposed release points</i> | Refer to Section 5.6 of the supporting document and Section 2.7 of Appendix C. |
| (iii) | <i>The source, quality and quantity of all proposed releases</i> | Refer to Section 5.3.5 of the supporting document and Section 4.2 of Appendix C. |
| (iv) | <i>The source, quality and quantity of all mine affected water</i> | Refer to Section 5.3.5 of the supporting document and Section 3 and Section 4.2 of Appendix C. |
| (v) | <i>An assessment of the potential impacts to environmental values from the additional releases</i> | Refer to Section 5.3.6, Section 5.6 and Appendix C. |
| (vi) | <i>An assessment of whether the release(s) will achieve the proposed New Lenton Coal Mine environmental authority water release conditions</i> | Refer to Section 5.3.5 of the supporting document and Section 3 and Section 4.2 of Appendix C. |
| (vii) | <i>the proposed containment, management and disposal systems for all mine affected water</i> | Refer to Section 3, Section 5.3.2 and Section 5.3.4 and Appendix C. |
| b) | <i>includes:</i> | - |
| (i) | <i>an updated numerical groundwater model which includes the 2019 Hydrogeological Study (GHD 2019a) and Groundwater Model Report (GHD 2019b); and</i> | Refer to updates throughout Section 5.4 and Appendix D , specifically the reports: <i>Conceptual Hydrogeological Model Update (SLR, 2020a), Groundwater Modelling Report (SLR, 2020b)</i> , and |

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| | | <i>Groundwater Quality Trigger Assessment (SLR, 2020c)</i> |
| (ii) | <i>proposed groundwater trigger values for aquifers potentially impacted by New Lenton Coal Mine.</i> | Refer to Section 5.4.4 and Appendix D , specifically the report: <i>Groundwater Quality Trigger Assessment (SLR, 2020c)</i> |

Changes to Application

The LJV's review of the RFI and the work completed to address the RFI has resulted in changes to the application supporting document beyond that requested by the RFI. These changes were made as a result of identifying errors in the original submission.

The LJV has reviewed Section 131 of the *Environmental Protection Act 1994* (EP Act), which defines what constitutes a 'minor change' to the application. The changes to the application have not changed the project description and the impact assessments completed for the NLP. The changes to the application are considered minor changes as the changes correct errors only and would not adversely affect the ability of the administering authority to assess the changed application, as provided by Section 131 of the EP Act. The changes to application, beyond that required by the RFI, are summarised with document references in **Table 2**.

Table 2 Changes to Application

| Extent of Change | Supporting Document References |
|---|--|
| <p>The final void area outlined in the EA Amendment Supporting Document (October 2019) was erroneously cited as 35 hectares (ha). Through the process of addressing the DES RFI (specifically, Item 2. Land), this error was discovered and updated in the updated EA Amendment Supporting Document (May 2020) to the correct final void area of 52.5 ha.</p> <p>Importantly, the project description and extent of disturbance of the final void that environmental impacts have been assessed against has not changed.</p> | <p>Section 3.6.3, Section 5.7 and Appendix H.</p> |
| <p>Disturbance areas outlined in the EA Amendment Supporting Document (October 2019) were erroneously cited. Through the process of addressing the DES RFI (specifically, Item 2. Land), these errors were discovered and updated in the updated EA Amendment Supporting Document (May 2020) to the correct areas.</p> <p>Importantly, the project description and extent of disturbance areas that environmental impacts have been assessed against has not changed. The approximate total disturbance area for the project is 658 ha.</p> | <p>Section 5.7 and Appendix H.</p> |
| <p>Disturbance areas requiring topsoil resources for rehabilitation (less the final void and, sediment/supply dams, diversion and proposed Suttor Development Road re-alignment) were updated from 579 ha to 573 ha as a result of the work completed and outlined above.</p> | <p>Section 5.7.6 and Appendix H.</p> |

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| Importantly, this change demonstrates there is sufficient topsoil resources available for areas proposed to be rehabilitated. | |
| Table C1 and Table C2 (of the current EA) that do not align with the Model Mining Conditions (MMCs) were erroneously include in the original submission. These tables have been removed to align with the MMCs. This change has no material impact on assessment of environmental impacts. | Section 6.3.19. |

We look forward to discussing the submitted materials further.

Yours faithfully,

LENTON MANAGEMENT AND MARKETING PTY LTD

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