

Appendices

(Total No. of pages including blank pages = 98)

- | | |
|------------|--|
| Appendix 1 | Planning Secretary Audit Team Agreement
(4 pages) |
| Appendix 2 | Independent Audit Declaration Form (4 pages) |
| Appendix 3 | Consultation with Government Agencies
and Community Consultative Committee
(8 pages) |
| Appendix 4 | Compliance Review – Approvals (70 pages) |
| Appendix 5 | Site Inspection Photographs (6 pages) |
| Appendix 6 | Document Reference Table (4 pages) |



This page has intentionally been left blank



Appendix 1

Planning Secretary Audit Team Agreement

(Total No. of pages including blank pages = 4)



This page has intentionally been left blank



Planning,
Industry &
Environment

Contact: Alfard Hussain
Phone: 9274 6456
Email: compliance@planning.nsw.gov.au

Dixon Sand Pty Ltd
4610 Old Northern Road
MAROOTA NSW 2756

Attn: Ms Hunny Churcher – Environmental Officer

Dear Ms Churcher

**Old Northern Road and Haerses Road Quarries (DA 165-7-2005 and DA250-09-01)
Independent Environmental Auditor**

I refer to your email dated 28 June 2019 seeking the Secretary's endorsement of R.W. Corkery & Co Pty Ltd ("**R.W. Corkery**") to undertake the independent environmental audits ("**IEA**") for the Old Northern Road Quarry and Haerses Road Quarry.

In accordance with Schedule 5, Condition 13 of DA 250-09-01, as modified, and Schedule 5, Condition 13 of DA 165-7-2005, as modified, the Secretary has agreed to the following audit team from R. W. Corkery for the 2019 IEAs:

- Mr Robert Corkery as the lead auditor;
- Mr Scott Hollamby and Mr Jack Flanagan in assisting roles during the audit.

Please note that this approval is conditional upon the audit team's independence from the project.

In preparing the IEA, you should ensure the audits:

- consider Department's Independent Audit Post Approval Requirements (**IAPAR**)¹, dated June 2018, available at <https://www.planning.nsw.gov.au/~media/Files/DPE/Other/independent-audit-post-approval-requirements-2018-06.ashx>;
- includes a declaration of independence similar to *Appendix C - Independent Audit Declaration Form Template* in the IAPAR;
- include a compliance table as an attachment to the main report indicating the compliance status of each condition of the approval (and any other statutory instrument required to be audited). This table should be consistent with *Appendix A- Independent Audit Table Example* of the IAPAR;
- avoid terms such as "partial compliance". An audit is to make findings of either "compliant" or "non-compliant";
- include recommended actions in response to non-compliances and identify opportunities for improved environmental management and performance;
- consult with all relevant regulatory agencies well ahead of the audit inspection dates and include details of the consultation and investigation in the report in accordance with section 3.2 of the IAPAR;

¹ While Dixon Sand Pty Ltd may voluntarily elect to comply with the IAPAR, it must comply with the conditions of both the Consents.



- review the IEA reports to ensure it complies with the relevant conditions of consent, prior to submitting the report to the Secretary; and
- submit an action plan with the audit reports detailing your response to the auditor's recommendations and timeframes to implement any adopted recommendations. If you do not agree with an observation or a recommendation, please provide reasons as to why a recommendation can't be adopted.

Finally, the Department requests Dixon Sand Pty Ltd to submit two individual reports for the two projects. All conditions under the consents should be assessed to determine whether they are compliant. If a condition is not triggered or has lapsed, please state so in the compliance table and briefly explain the reason why they are not triggered or have lapsed in the *Independent Audit Findings and Recommendations* column of the table.

Should you have any further enquiries about this matter, please contact Alfarid Hussain on (02) 9274 6456 or compliance@planning.nsw.gov.au.

Yours sincerely



Chris Mathieson
Team Leader- Compliance (Metro)
As nominee of the Secretary

11-7-2019

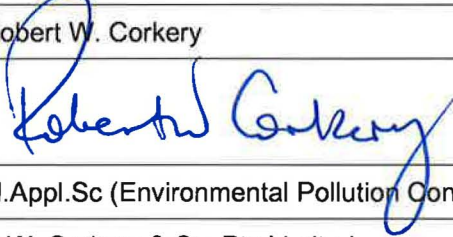
Appendix 2

Independent Audit Declaration Form

(Total No. of pages including blank pages = 4)

This page has intentionally been left blank

INDEPENDENT AUDIT DECLARATION FORM

Project Name:	Old Northern Road Quarry – Maroota
Consent Number:	DA250-09-01
Description of Project:	Sand Extraction and Processing Operation
Project Address:	4610 Old Northern Road, Maroota
Proponent:	Dixon Sand Pty Ltd
Title of Audit:	Independent Environmental Audit of the Old Northern Road Quarry
Audit Date:	22 October 2019
<p>I declare that I have undertaken the Independent Audit and prepared the contents of the attached Independent Audit Report and to the best of my knowledge:</p> <ul style="list-style-type: none">the audit has been undertaken in accordance with relevant condition(s) of consent and the <i>Independent Audit Post Approval Requirements (Department 2018)</i>;the findings of the audit are reported truthfully, accurately and completely;I have exercised due diligence and professional judgement in conducting the audit;I have acted professionally, objectively and in an unbiased manner;I am not related to any proponent, owner or operator of the project neither as an employer, business partner, employee, or by sharing a common employer, having a contractual arrangement outside the audit, or by relationship as spouse, partner, sibling, parent, or child;I do not have any pecuniary interest in the audited project, including where there is a reasonable likelihood or expectation of financial gain or loss to me or spouse, partner, sibling, parent, or child;neither I nor my employer have provided consultancy services for the audited project that were subject to this audit except as otherwise declared to the Department prior to the audit; andI have not accepted, nor intend to accept any inducement, commission, gift or any other benefit (apart from payment for auditing services) from any proponent, owner or operator of the project, their employees or any interested party. I have not knowingly allowed, nor intend to allow my colleagues to do so. <p>Notes:</p> <p>a) Under section 10.6 of the <i>Environmental Planning and Assessment Act 1979</i> a person must not include false or misleading information (or provide information for inclusion in) in a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of a corporation, \$1 million and for an individual, \$250,000; and</p> <p>b) The <i>Crimes Act 1900</i> contains other offences relating to false and misleading information: section 307B (giving false or misleading information – maximum penalty 2 years imprisonment or 200 penalty units, or both)</p>	
Name of Lead Auditor:	Robert W. Corkery
Signature:	
Qualification:	M.Appl.Sc (Environmental Pollution Control); B.Appl.Sc (Hons) (Geology)
Company:	R.W. Corkery & Co. Pty Limited
Company Address:	Level 1, 12 Dangar Road BROOKLYN NSW 2083

This page has intentionally been left blank

Appendix 3

Consultation with Government Agencies and Community Consultative Committee

(Total No. of pages including blank pages = 8)

This page has intentionally been left blank

From: Kristine McKenzie <kmckenzie@thehills.nsw.gov.au>
Sent: Monday, 9 September 2019 8:44 AM
To: Rob Corkery <rob@rwcorkery.com>
Subject:

Hi Rob,

Thank you for your email regarding Condition 13 of DAs 250-09-01 and 165-7-2005 in regard to the Independent Environmental Audit for Dixon Sand.

As Council is not the consent authority for the above DAs, detailed review/assessment regarding compliance with conditions of consent has not been undertaken during the assessment period by Council staff.

Notwithstanding this, the following matters are considered particularly relevant for review with the audit and it would be appreciated if you could include these matters with your assessment:

1. Compliance with setback requirements;
2. Compliance with depth of extraction;
3. Compliance with on-going rehabilitation works.

Regards,



Kristine McKenzie

Principal Executive Planner

+61298430319 | kmckenzie@thehills.nsw.gov.au

Administration Centre, 3 Columbia Court Norwest NSW 2153

PO Box 7064, NORWEST NSW 2153 | DX 9966 Norwest

www.thehills.nsw.gov.au

CONFIDENTIALITY NOTICE

The information contained in this email is strictly confidential and prepared solely for the use of the intended recipient(s). The copyright of this communication belongs to The Hills Shire Council.
If you are not the intended recipient, please do not read, use, disseminate, distribute or copy this message or attachments. If you have received this message in error, please notify the sender immediately and delete this message.
Views expressed in this message are those of the individual sender, and are not necessarily the views of The Hills Shire Council

DISCLAIMER

Before opening any attachments, please check them for viruses and defects.

From: Maria Divis <Maria.Divis@planning.nsw.gov.au>
Sent: Monday, 16 September 2019 10:27 AM
To: Jack Flanagan
Cc: Chris Mathieson; Alfarid Hussain
Subject: RE: 1021_DPIE_Consultation for Independent Audit of Old Northern Road & Haerses Road Quarries_20190913

Good morning Jack,

Thank you for consulting with the Department in relation to the independent audit scope for the Older Northern Road and Haerese Road Quarries. Alfarid Hussain is currently on leave and I have been asked to respond this matter in his absence.

At this stage the Department has not identified any key issues for consideration beyond the audit scope requirements outlined within the Independent Audit Post Approval Requirements (Department 2018).

Please let me know if you have any questions.

Regards,

Maria Divis
Senior Compliance Officer (Mon-Thurs)
NSW Department of Planning Industry & Environment
320 Pitt Street | GPO Box 39 | Sydney NSW 2001
T 02 8275 1156 | M 0436 675 078 | E maria.divis@planning.nsw.gov.au

Please direct all email correspondence to: compliance@planning.nsw.gov.au



Planning,
Industry &
Environment

The Department of Planning, Industry and Environment acknowledges that it stands on Aboriginal land. We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.

From: Jack Flanagan <jack@rwcorkery.com>
Sent: Friday, 13 September 2019 4:32 PM
To: DPE PSVC Compliance Mailbox <compliance@planning.nsw.gov.au>
Cc: Scott Hollamby <scott@rwcorkery.com>
Subject: 1021_DPIE_Consultation for Independent Audit of Old Northern Road & Haerses Road Quarries_20190913

Good afternoon,

This email is just to follow up on correspondence requesting any consultation requirements regarding an upcoming environmental audit of the Old Northern Road and Haerses Road Quarries.

The original request for consultation requirements was sent out on 20 August 2019 and a copy of the email transmission which accompanied that request is attached for your convenience.

As previously state, it would be appreciated if any comments or requests regarding the upcoming audit could be provided by 17 September 2019.

Please don't hesitate to contact me if you have any questions or if you would like to discuss the upcoming environmental audit.

Regards,
Jack

Jack Flanagan
Graduate Environmental Consultant
Mobile: 0402 060 522
Email: jack@rwcorkery.com

RW Corkery & Co Pty Limited
Geological and Environmental Consultants



Brooklyn
Level 1, 12 Dangar Road
PO Box 239
BROOKLYN NSW 2083
Phone: (02) 9985 8511
Email: brooklyn@rwcorkery.com
Website: www.rwcorkery.com

Orange
62 Hill Street
ORANGE NSW 2800
Phone: (02) 6362 5411
Email: orange@rwcorkery.com

Brisbane
Suite 5, Building 3,
Pine Rivers Office Park
205 Leitchs Road
BRENDAL QLD 4500
Phone: (07) 3205 5400
Email: brisbane@rwcorkery.com

This message is intended for the addressee named and may contain confidential/privileged information. If you are not the intended recipient, please delete it and notify the sender. Any confidentiality or privilege between R. W. Corkery & Co. Pty Limited and Client is not waived or lost because this email has been sent to you by mistake. You should scan any included files for viruses.





DOC19/711069-1
Your Ref: 1021/1022

Mr Rob Corkery
Lead Auditor
R.W. Corkery & Co. Pty Limited
1st Floor, 12 Dangar Road
BROOKLYN NSW 2083

16 September 2019

Dear Mr Corkery

By Electronic Mail

Consultation for Independent Environmental Audits - Dixon Sand Quarries

On 20 August 2019 the Environment Protection Authority ("EPA") received correspondence from R.W. Corkery Co Pty Limited, advising that the Department of Planning, Industry and Environment (DPIE) has approved it as an auditor to undertake independent environmental audits of the two below Dixon Quarries, for the period 19 November 2016 to late October 2019. It is noted that separate reports will be prepared for each quarry.

- EPL 3916 - Dixon Sand (Penrith) Pty Ltd - 4610 Old Northern Road, Maroota NSW 2756
- EPL 12513 - Dixon Sand Pty Ltd - Haerses and Wisemans Ferry Road, Maroota NSW 2756

The EPA was requested to identify any specific matters they deem appropriate to be considered/assessed during the audit process. The EPA has considered this request and have identified no specific matters to be considered/assessed during the audit. It should be noted however, that dust exceedances recorded at the air monitoring station seem to be the most common issue resulting in self-reports to the EPA by Dixon Sand. Some of these exceedances are not related to quarry operations, such as poor air quality from weather events/dust storms and fires/hazard reduction burning. Dixon has generally responded to these exceedances by taking appropriate mitigation actions, including dust suppression and/or ceasing or restricting quarry operations.

All environment protection licences are publicly available on the EPA's website, it also lists any non-compliances, with a short description, for each licence annual return (12 month) period - <https://apps.epa.nsw.gov.au/prpoeoapp/>.

Should you have any questions, please contact Lisa Crambrook on 02 8837 6079 or email lisa.crambrook@epa.nsw.gov.au.

Yours sincerely



Jacqueline Ingham
Unit Head Sydney Industry
Environment Protection Authority

Phone 131 555
Phone +61 2 9995 5555
(from outside NSW)

Fax +61 2 9995 5999
TTY 133 677
ABN 43 692 285 758

PO Box 668
Parramatta
NSW 2124 Australia

L13, 10 Valentine Ave
Parramatta NSW
2150 Australia

info@epa.nsw.gov.au
www.epa.nsw.gov.au



From: Rob Corkery
Sent: Tuesday, 17 September 2019 2:48 PM
To: Scott Hollamby; Jack Flanagan
Subject: FW: 1021_Consultation for Independent Audit of Old Northern Road & Haerses Road Quarries

From: Richard Bonner <Richard.Bonner@environment.nsw.gov.au>
Sent: 17 September, 2019 1:43 PM
To: Rob Corkery <rob@rwcorkery.com>
Subject: RE: 1021_Consultation for Independent Audit of Old Northern Road & Haerses Road Quarries

Hi Rob,

The Environment, Energy and Science Group of the Department of Planning, Industry and Environment (formerly the Office of Environment and Heritage) have no specific matters for consideration or assessment during the Old Northern Road & Haerses Road Quarries audit process.

Regards

Richard Bonner
Senior Conservation Planning Officer, Greater Sydney

Climate Change and Sustainability | Department of Planning, Industry and Environment
T 02 9995 6917 | E richard.bonner@environment.nsw.gov.au
Level 2, 10 Valentine Avenue, Parramatta, NSW 2150
www.dpie.nsw.gov.au



**Planning,
Industry &
Environment**

The Department of Planning, Industry and Environment acknowledges that it stands on Aboriginal land. We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.

From: Rob Corkery <rob@rwcorkery.com>
Sent: Tuesday, 20 August 2019 1:43 PM
To: Susan Harrison <Susan.Harrison@environment.nsw.gov.au>
Cc: 'Environment' <environment@dixonsand.com.au>; Jack Flanagan <jack@rwcorkery.com>; Scott Hollamby <scott@rwcorkery.com>
Subject: 1021_Consultation for Independent Audit of Old Northern Road & Haerses Road Quarries

Greetings Susan

Please find attached correspondence regarding the above Project.

Regards
Rob

Robert W. Corkery
Principal Environmental Consultant



From: Rob Corkery
Sent: Wednesday, 18 September 2019 6:35 AM
To: Jack Flanagan; Scott Hollamby
Subject: RE: 1021_Lisa Andrews Response_20190917

Thanks Jack

In light of Lisa's comment it will be necessary to review the CCC minutes over the audit period and identify the issues raised.

Many thanks Rob

From: Jack Flanagan <jack@rwcorkery.com>
Sent: Tuesday, 17 September 2019 3:07 PM
To: Rob Corkery <rob@rwcorkery.com>; Scott Hollamby <scott@rwcorkery.com>
Subject: 1021_Lisa Andrews Response_20190917

Hi Rob and Scott,

I have just spoken with Lisa Andrews with regard to the CCC committee for the Old Northern Road and Hearses Road quarries.

She indicated that the CCC members have raised no specific issues for consideration during the audit beyond any issues which have previously been raised during CCC meetings (and included in CCC meeting minutes).

Regards,
Jack

Jack Flanagan
Graduate Environmental Consultant
Mobile: 0402 060 522
Email: jack@rwcorkery.com

RW Corkery & Co Pty Limited
Geological and Environmental Consultants



Brooklyn
Level 1, 12 Dangar Road
PO Box 239
BROOKLYN NSW 2083
Phone: (02) 9985 8511
Email: brooklyn@rwcorkery.com
Website: www.rwcorkery.com

Orange
62 Hill Street
ORANGE NSW 2800
Phone: (02) 6362 5411
Email: orange@rwcorkery.com

Brisbane
Suite 5, Building 3,
Pine Rivers Office Park
205 Leitchs Road
BRENDAL QLD 4500
Phone: (07) 3205 5400
Email: brisbane@rwcorkery.com

This message is intended for the addressee named and may contain confidential/privileged information. If you are not the intended recipient, please delete it and notify the sender. Any confidentiality or privilege between R. W. Corkery & Co. Pty Limited and Client is not waived or lost because this email has been sent to you by mistake. You should scan any included files for viruses.

Appendix 4

Compliance Review – Approvals

(Total No. of pages including blank pages = 70)

Table A4-1	DA 250-09-01
Table A4-2	EPL 3916
Table A4-3	WAL 24341

This page has intentionally been left blank



Table A4-1
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 2 – ADMINISTRATIVE CONDITIONS				
OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT				
1	In addition to meeting the specific performance measures and criteria established under this consent, the Applicant must implement all reasonable and feasible measures to prevent or minimise any harm to the environment that may result from the construction, operation, or rehabilitation of the development.	Compliant	Observations Reviewed management documentation This audit	Whilst this audit has recommended a range of improvements, the Company generally appears to be adequately implementing reasonable and feasible measures to prevent or minimise the potential for environmental harm.
TERMS OF CONSENT				
2.	The Applicant must carry out the development:			
2. (a)	generally in accordance with the EIS, SEE (Mod 1), SEE (Mod 2), EA (Mod 3), EA (Mod 4) and EA (Mod 5); and	Compliant	Observations. ONR15-2019. ONR16-2019. ONR17-2019. ONR18-2019. ONR19-2019. ONR20-2019. ONR21-2019.	The Quarry was found to be generally in accordance with the operations as outlined in the project descriptions and impact assessments contained within the various assessment documents.
2. (b)	in accordance with the conditions of this consent and the Development Layout Plan. Note: The Development Layout Plan is shown in Appendix 1	Non-Compliant	Observations.	The Quarry layout was observed to reflect the Development Layout Plan included as Appendix 1 of DA 250-09-01. However, several non-compliances have been recorded against the conditions of this consent during the audit period and hence contributed to the non-compliance status for this condition. See Conditions 2(22(d)), 3(25(c)), 3(30), 3(35), and 3(36).
3.	If there is any inconsistency between the documents in condition 2(a), the most recent document shall prevail to the extent of the inconsistency. However, the conditions of this consent shall prevail to the extent of any inconsistency.	-	-	Noted.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 2 – ADMINISTRATIVE CONDITIONS				
TERMS OF CONSENT (Cont'd)				
4.	The Applicant must comply with any written requirement/s of the Secretary arising from the Department's assessment of:	Compliant	ONR22-2019.	Following review of the 2018 Annual Review the (then) DPE required review of documentation on the Dixon Sand website. This was complied with to the satisfaction of DPE (email dated 27 February 2019).
4.(a)	any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this consent (including any stages of these documents);			
4. (b)	any reviews, reports or audits undertaken or commissioned by the Department regarding compliance with this consent;			
4. (c)	and the implementation of any actions or measures contained in these documents.			
LIMITS OF CONSENT				
5.	The Applicant may:			
5. (a)	carry out quarrying operations on the site until 24 May 2042; and	Compliant	-	The approved timing for quarrying operations has not expired.
5. (b)	continue to receive and process extractive material from Haerses Road Sand Quarry, and dispatch quarry products from the site, until 14 February 2046.	Compliant	-	The approved timing for dispatch operations has not expired.
	Notes: Under this consent, the Applicant is required to rehabilitate the site and carry out additional requirements and undertakings to the satisfaction of the Secretary. Consequently, this consent will continue to apply until the rehabilitation of the site and those requirements and undertakings have been carried out to the standard required by the applicable conditions.	Not Triggered	-	The Quarry remains within the approved operational period.
6.	The combined production of quarry products from the site, including extractive material sourced from the Haerses Road Sand Quarry, must not exceed 495,000 tonnes per annum.	Compliant	ONR01-2019. ONR02-2019. ONR03-2019.	During the audit period production remained within the approved limit. – 2016/2017 = 491 777t. – 2017/2018 = 443 225t. – 2018/2019 = 370 891t.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 2 – ADMINISTRATIVE CONDITIONS				
LIMITS OF CONSENT (Cont'd)				
7.	Truck movements at the site (i.e. one way trip, either arrival or dispatch), including truck movements between the site and the Haerses Road Sand Quarry, must not exceed:	Compliant	ONR01-2019. ONR02-2019. ONR03-2019.	During the audit period maximum daily truck movements remained within the approved limit. – 2016/2017 maximum daily truck movements = 98 – 2017/2018 maximum daily truck movements = 166 – 2018/2019 maximum daily truck movements = 168
7. (a)	180 per day; and			
7. (b)	40 between 5.45 am and 7.00 am. Note: Operating hours for arrival and dispatch of trucks are also controlled under condition 1 of Schedule 3.	Compliant	ONR01-2019. ONR02-2019. ONR03-2019. Spot check of despatch records.	No truck movements recorded prior to 6:00am during the audit period. Annual Reviews record that the maximum trucks prior to 7:00am did not exceed 20.
STRUCTURAL ADEQUACY				
8.	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: <ul style="list-style-type: none"> Under Part 4A of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for any proposed building works; and Part 8 of the EP&A Regulation sets out the requirements for the certification of the development. 	Not Triggered	Advice from Environmental Officer.	No new buildings or structures requiring approval were constructed during the audit period.
DEMOLITION				
9.	The Applicant must ensure that all demolition work is carried out in accordance with Australian Standard AS 2601-2001: The Demolition of Structures, or its latest version.	Not Triggered	Advice from Environmental Officer.	No demolition work was undertaken during the audit period.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 2 – ADMINISTRATIVE CONDITIONS				
PROTECTION OF PUBLIC INFRASTRUCTURE				
10.	Unless the Applicant and the applicable authority agree otherwise the Applicant must:			
10. (a)	repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the development; and	Not Triggered	Advice from Environmental Officer. Observation.	No repairs to public infrastructure have been required during the audit period. No readily visible damage was observed during the audit inspection.
10. (b)	relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development. Note: This condition does not apply to damage to roads caused as a result of general road usage or otherwise addressed by contributions required by condition 12 below.	Not Triggered	Advice from Environmental Officer.	No relocation of public infrastructure has been required during the audit period.
OPERATION OF PLANT AND EQUIPMENT				
11.	The Applicant must ensure that all the plant and equipment used at the site, or to monitor the performance of the development is:			
11. (a)	maintained in a proper and efficient condition; and	Compliant	Sighted plant daily inspection checklists completed by operators. Sighted vehicle and equipment maintenance records. ONR03-2019.	Plant and equipment used at the Quarry, including monitoring equipment, were considered to be compliant. Operators are required to complete a daily inspection checklist for plant. Maintenance records indicated regular maintenance of vehicles and equipment as appropriate. An improvement notice was issued under section 191 of the <i>Work Health and Safety Act 2011</i> (Notice No. N191-2018/00308) by the Resources Regulator on 13 June 2018. Following this notice, an issue with the handrail on the diesel trailer was rectified on 24 December 2018.
11. (b)	operated in a proper and efficient manner.	Compliant	Observations.	No inappropriate operations were sighted during the audit inspection. No incidents were recorded during the audit period where plant or equipment were not operated in a proper and efficient manner.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 2 – ADMINISTRATIVE CONDITIONS				
SECTION 94 CONTRIBUTION				
12.	The Applicant must pay Council an annual financial contribution toward the maintenance of local roads used for haulage of quarry products. The contribution must be determined in accordance with The Hills Shire Council Contributions Plan No. 6 Extractive Industries, or any subsequent relevant contributions plan adopted by Council.	Compliant	Remittance records for the audit period sighted.	Records indicate that financial contributions have been made in accordance with the contribution agreement for the Quarry during the audit period.
PRODUCTION DATA				
13.	The Applicant must:	Compliant	ONR23-2019 ONR24-2019	DRG Mineral Returns submitted during the audit period (2016/2017 and 2017/2018).
13. (a)	from the commencement of quarrying operations provide calendar year annual quarry production data to DRG using the standard form for that purpose; and			
13. (b)	include a copy of this data in the Annual Review.	Compliant	ONR01-2019, ONR02-2019, ONR03-2019	Production data included in Annual Reviews relevant to the audit period.
COMPLIANCE				
14.	The Applicant must ensure that all employees, contractors and sub-contractors are aware of, and comply with, the conditions of this consent relevant to their respective activities.	Compliant	Induction records sighted. Advice from Environmental Officer.	All employees and contractors are required to undergo inductions which include the identification of conditions relevant to their positions. Regular toolbox talks are used to highlight key conditions relevant to site personnel.
LIMITS OF EXTRACTION				
Buffer Zones				
15.	The Applicant must maintain the fenced buffer zones between the approved limits of extraction and nearby land uses or sensitive environmental areas. The boundary of the buffer zones must be located:	Compliant	Observations. Advice from Managing Director.	Buffer zones and extraction areas are clearly fenced and fences are well maintained. Perimeter walks are conducted every six months to inspect the condition of fencing.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 2 – ADMINISTRATIVE CONDITIONS				
LIMITS OF EXTRACTION (Cont'd)				
Buffer Zones (Cont'd)				
15. (a)	not less than 250 m from the boundary of Maroota Public School (Lot 78 DP 752025);	Compliant	Observations. ONR10-2019. ONR25-2019.	Fences sighted during the site inspection were consistent with extraction areas and buffer areas as depicted in the Environmental Monitoring Program.
15. (b)	not less than 10 m from the boundary of Lot 117 DP 752025 along the boundary of Lot 1 DP 547255;	Compliant		Survey markers were evident along the boundaries of extraction and buffer areas.
15. (c)	not less than 50 m from the existing house on Lot 1 DP 547255;	Compliant		Survey plans were prepared by McKinlay Morgan and Associated Pty Ltd.
15. (d)	not less than 50 m from the <i>Kunzea rupestris</i> plant species on Lot 29 DP 752025;	Compliant		
15. (e)	not less than 10 m from the western boundary of Lot 196 DP 752025; and	Compliant		
15. (f)	not less than 100 m from the mapped extent of the MTSGS, with the exception of the area in the north of Lot 1 DP 547255 shown in blue edging in the figure in Appendix 2. Note: This condition does not establish a new requirement to undertake these actions following the approval of Modification 5. Rather, it continues the previous requirement to undertake these actions.	Compliant		
Identification of Areal Extraction Limits				
16.	The Applicant must:			
16. (a)	engage a registered surveyor to mark out the boundaries of the approved areal limits of extraction, incorporating the buffer zones identified in condition 15 above, prior to the commencement of quarrying operations on Lots 1 and 2 DP 547255;	Compliant	Observations. ONR25-2019.	Survey markers delineating extraction and buffer areas were sighted during the site inspection. A survey was undertaken and survey plan prepared by McKinlay Morgan and Associates Pty Ltd.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 2 – ADMINISTRATIVE CONDITIONS				
LIMITS OF EXTRACTION (Cont'd)				
Identification of Areal Extraction Limits (Cont'd)				
16. (b)	submit a survey plan of the buffer zones and setback boundary to the Secretary for approval at least one month prior to the commencement of quarrying operations on Lots 1 and 2 DP 547255;	Compliant	ONR25-2019.	Correspondence between Dixon Sand and DPE dated 30 September 2015 confirms the submission of a survey plan showing buffer zones and setback boundaries.
16. (c)	establish and maintain fencing along the surveyed buffer zone boundaries to prevent vehicles and unauthorized persons entering the area(s);	Compliant	Observations. Advice from Managing Director. Sighted monthly checklist.	Well maintained fencing along surveyed buffer zone boundaries sighted during site inspection. Perimeter inspections Quarry fencing are undertaken every six months. Fence inspections are included on the site condition checklist completed on a monthly basis by the Environmental Officer.
16. (d)	ensure that the boundaries of the approved limits of extraction are clearly marked at all times in a permanent manner that allows operating staff and inspecting officers to clearly identify those limits; and	Compliant	Observations. ONR04-2019.	Permanent markers including timber stakes and steel fence pickets clearly delineate the approved limits of extraction (see Improvement ONR I5/19). A surveyed marker is present on the northern wall of the Lot 1 and 2 pit to provide a basis for visual extraction depth estimates. Procedures for progressive surveys of depth, including the engagement of surveyors once extraction reaches within 5 metres of the approved maximum extraction depth, are outlined in the SWMP.
16. (e)	not commence work or operations on Lots 1 and 2, DP 547255 until the approved boundary has been fenced.	Compliant	ONR48-2019. Advice from Environmental Officer.	Fencing was completed on prior to 2016. Work / operations commenced in Lots 1 and 2 in February 2006.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 2 – ADMINISTRATIVE CONDITIONS				
LIMITS OF EXTRACTION (Cont'd)				
Maximum Extraction Depth				
17.	Extraction below a depth of 15.24 m below original ground level is restricted to Lot 196 DP 752025 within the hatched area shown in the figure in Appendix 2 and to a depth not greater than 127.5 m AHD.	Compliant	ONR04-2019 Advice from Managing Director.	The extraction limits shown on the Maximum Extraction Depth Map are in accordance with the specified extraction depth restrictions in Lot 196 DP 752025, Lot 29 DP 752025, and Lots 1 and 2 DP 752025. The Maximum Extraction Depth Map limits maximum extraction depths to within 2m of the highest recorded wet weather ground level for the MTSGS buffer zone. Extraction area depths are regularly checked using GPS. Procedures for extraction depth limit checks, including the engagement of surveyors once extraction approaches within 5m of the maximum extraction depth, are outlined in the SWMP. Surveys of extraction areas are undertaken annually to confirm extraction volumes.
18.	Extraction on Lot 29 DP 752025 is limited to a depth not greater than 15.24 m below original ground level.	Compliant		
19.	Extraction on Lots 1 and 2 DP 547255, with the exception of the MTSGS buffer zone, is limited to a depth not greater than 170 m AHD in the east, gradually reducing to 153 m AHD in the west, and as shown conceptually in the figure in Appendix 4.	Compliant		
20.	The Applicant must ensure that no extraction occurs with 2 m of the highest recorded wet weather groundwater level within the MTSGS buffer zone.	Compliant		
21.	The Applicant must:			
21. (a)	establish the highest recorded wet weather groundwater level within the MTSGS buffer zone based on all available (and at least 12 months) site specific groundwater monitoring data;	Compliant	ONR04-2019	Table 1 of Appendix 3 of the SWMP for the Quarry identifies 202mAHD as the highest recorded wet weather groundwater level within the MTSGS buffer, based on records from monitoring bore MW2 since July 2003.
21. (b)	engage a suitably qualified and experienced expert to establish the maximum depths to which extraction can be undertaken within the MTSGS buffer zone to comply with condition 20 above; and	Compliant	ONR04-2019.	Appendix 3 of the SWMP for the Quarry, prepared by Goldner Associates, identifies a maximum extraction depth of 204mAHD within the MTSGS buffer zone.
21. (c)	submit a Maximum Extraction Depth Map (contour map or similar) for the development, which demonstrates compliance with conditions 17 to 20 above (inclusive), to the Secretary for approval within 3 months of the approval of Modification 5.	Compliant	ONR04-2019. ONR38-2019.	The Maximum Extraction Depth Map, prepared by Goldner Associates and submitted to DEP on 16 February 2018, demonstrates compliance with Conditions 17 to 20. The Maximum Extraction Depth Map was approved by DPE on 3 July 2018.
22.	The Applicant must comply with the extraction depths specified in the Maximum Extraction Depth Map to the satisfaction of the Secretary.	Compliant	ONR04-2019. Advice from Managing Director.	The Maximum Extraction Depth Map and associated extraction limits are included in the SWMP. Monthly visual inspections, regular GPS checks, and survey procedures have been implemented to ensure compliance with specified depth restrictions.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions															
SCHEDULE 2 – ADMINISTRATIVE CONDITIONS																			
LIMITS OF EXTRACTION (Cont'd)																			
23.	Within 3 months of the completion of the Independent Environmental Audit (see condition 13 of Schedule5), the Applicant must review and update the Maximum Extraction Depth Map for the development to the satisfaction of the Secretary.	Not Triggered	-	Review of and update to the Maximum Extraction Depth Map will be required within 3 months following the completion of this audit.															
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS																			
NOISE																			
Hours of Operation																			
1.	<div>The Applicant must comply with the operating hours set out in Table 1.</div> <div>Table 1: Operating hours</div> <table><tr><th>Activity</th><th>Permissible Hours</th></tr><tr><td rowspan="2">Quarrying operations (excluding truck arrival, loading and dispatch)</td><td>7:00am to 6:00pm Monday to Saturday</td></tr><tr><td>At no time on Saturdays or public holidays</td></tr><tr><td rowspan="2">Truck arrival (unladen)</td><td>5:45am to 6:00pm Monday to Saturday</td></tr><tr><td>At no time on Sundays or public holidays</td></tr><tr><td rowspan="2">Truck loading Truck dispatch Truck arrival (laden)</td><td>6:00am to 6:00pm Monday to Saturday</td></tr><tr><td>At no time on Sundays or public holidays</td></tr><tr><td>Bund construction or rehabilitation works within 250m of Maroota Public School</td><td>7:00am to 6:00pm Monday to Friday during school holiday periods unless otherwise approved in writing by the EPA</td></tr><tr><td>Maintenance</td><td>May be conducted at any time, provided that these activities are not audible at any privately-owned residence</td></tr></table>	Activity	Permissible Hours	Quarrying operations (excluding truck arrival, loading and dispatch)	7:00am to 6:00pm Monday to Saturday	At no time on Saturdays or public holidays	Truck arrival (unladen)	5:45am to 6:00pm Monday to Saturday	At no time on Sundays or public holidays	Truck loading Truck dispatch Truck arrival (laden)	6:00am to 6:00pm Monday to Saturday	At no time on Sundays or public holidays	Bund construction or rehabilitation works within 250m of Maroota Public School	7:00am to 6:00pm Monday to Friday during school holiday periods unless otherwise approved in writing by the EPA	Maintenance	May be conducted at any time, provided that these activities are not audible at any privately-owned residence	Compliant.	Spot check despatch records. ONR01-2019, ONR02-2019, ONR03-2019	<div>A spot check of despatch records undertaken during the site inspection indicated that the Quarry was operating within approved hours.</div> <div>The response to a noise-related complaint received on 6 June 2018 indicates that the Quarry was operating within approved hours.</div>
Activity	Permissible Hours																		
Quarrying operations (excluding truck arrival, loading and dispatch)	7:00am to 6:00pm Monday to Saturday																		
	At no time on Saturdays or public holidays																		
Truck arrival (unladen)	5:45am to 6:00pm Monday to Saturday																		
	At no time on Sundays or public holidays																		
Truck loading Truck dispatch Truck arrival (laden)	6:00am to 6:00pm Monday to Saturday																		
	At no time on Sundays or public holidays																		
Bund construction or rehabilitation works within 250m of Maroota Public School	7:00am to 6:00pm Monday to Friday during school holiday periods unless otherwise approved in writing by the EPA																		
Maintenance	May be conducted at any time, provided that these activities are not audible at any privately-owned residence																		

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions												
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)																
NOISE (Cont'd)																
Hours of Operation (Cont'd)																
2.	The following activities may be carried out outside the hours specified in condition 1 above:															
2. (a)	delivery or dispatch of materials as requested by the NSW Police Force or other public authorities; and	Not Triggered	Advice from Environmental Officer	No despatch of materials outside of approved operational hours was requested by a public authority during the audit period.												
2. (b)	emergency work to avoid the loss of lives, property or to prevent environmental harm. In such circumstances, the Applicant must notify the Secretary and affected residents prior to undertaking the activities, or as soon as is practical thereafter.	Not Triggered	Advice from Environmental Officer	No emergency work was required outside of approved operational hours during the audit period.												
3.	The Applicant must ensure that the noise generated by the development does not exceed the criteria in Table 2 at any residence on privately-owned land or at the Maroota Public School. Table 2: Noise Criteria Db(a) <table><tr><td>Receiver</td><td>Averaging Period</td><td>Shoulder (6:00am to 7:00am)</td><td>Day (7:00am to 6:00pm)</td></tr><tr><td>Any residence on privately owned land</td><td>L_{Aeq} (15 minutes)</td><td>37</td><td>44</td></tr><tr><td>Any classroom at Maroota Public School</td><td>L_{Aeq} (15 minutes)</td><td>-</td><td>45</td></tr></table>	Receiver	Averaging Period	Shoulder (6:00am to 7:00am)	Day (7:00am to 6:00pm)	Any residence on privately owned land	L _{Aeq} (15 minutes)	37	44	Any classroom at Maroota Public School	L _{Aeq} (15 minutes)	-	45	Compliant	ONR01-2019, ONR02-2019, ONR03-2019	Attended noise monitoring undertaken during December 2016, June 2017, December 2017, June 2018, December 2018 and June 2019 indicated that predicted noise impacts associated with the Quarry were compliant with the relevant assessment criteria. These results incorporate setback calculations which utilise at-source noise monitoring to determine predicted noise impacts.
Receiver	Averaging Period	Shoulder (6:00am to 7:00am)	Day (7:00am to 6:00pm)													
Any residence on privately owned land	L _{Aeq} (15 minutes)	37	44													
Any classroom at Maroota Public School	L _{Aeq} (15 minutes)	-	45													





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
NOISE (Cont'd)				
Hours of Operation (Cont'd)				
3. Cont'd	Noise generated by the development is to be measured in accordance with the relevant requirements and exemptions (including certain meteorological conditions) of the NSW Industrial Noise Policy. Appendix 6 sets out the meteorological conditions under which these criteria apply and the requirements for evaluating compliance with these criteria.	Compliant	ONR01-2019 ONR02-2019 ONR03-2019	Noise monitoring reports included in Annual reviews during the audit period indicate that noise measurements were undertaken in accordance with the <i>Noise Policy for Industry</i> (EPA, 2017).
	However, the noise criteria in Table 2 do not apply if the Applicant has an agreement with the relevant landowner to exceed the noise criteria, and the Applicant has advised the Department in writing of the terms of this agreement. Note: Should an agreement with a landowner be terminated for any reason, the Applicant must comply with the noise criteria in Table 2.	Compliant	ONR05-2019. ONR39-2019.	A noise agreement exists between Dixon Sand and Mr G & Mrs M Accurso. This agreement was provided to DPE along with documents in support of Modification 2 and is referenced in the Modification 2 conditions of consent.
Operating Conditions				
4.	The Applicant must:			
4. (a)	construct all bunds on the eastern, south-eastern and northern sides of Lots 1 and 2 DP 547255 to at least 5 m above the existing ground level;	Compliant	Observations.	Bunds on the eastern, south-eastern and northern sides of Lots 1 and 2 have been constructed to at least 5m above existing ground level.
4. (b)	not use the bulldozer concurrently with any other plant on strips 4, 5 and 6 of Lots 1 and 2 DP 547255 for any operations at quarry depths between existing ground level and six metres below the existing ground level;	Not Triggered	-	Extraction has not yet commenced on strips 4, 5 or 6.
4. (c)	only use the bulldozer for clearing, topsoil stripping and bund construction on Lots 1 and 2 DP 547255 in calm wind conditions;	Compliant	ONR05-2019. Site Condition Checklist records sighted. Advice from Operations Manager.	The requirement to limit the use of the bulldozer during periods when wind conditions are not calm is included in the NMP. This condition is also specified in the daily/monthly site condition checklist.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
NOISE (Cont'd)				
Operating Conditions (Cont'd)				
4. (d)	implement best practice management to minimise the construction, operational and road transportation noise of the development;	Compliant	ONR05-2019.	Best practice noise management and monitoring measures are outlined in the Noise Management Plan for the Quarry.
4. (e)	minimise the noise impacts of the development during meteorological conditions when the noise criteria in this consent do not apply (see Appendix 6);	Compliant	ONR05-2019 Advice from Environmental Officer.	Requirements to minimise noise impacts under various weather conditions are described in the NMP. Quarry operations are managed in accordance with daily weather forecast results and weather observations made by Quarry personnel.
4. (f)	engage an independent person/s to conduct noise monitoring at sensitive residential locations and Maroota Public School every six months, or as otherwise agreed by the Secretary, to determine whether the development is complying with the relevant conditions of this consent; and	Compliant	ONR01-2019, ONR02-2019, ONR03-2019	Noise monitoring conducted every six months during the reporting period (December 2016, June 2017, December 2017, June 2018, December 2018 and June 2019) by Project Environmental Services, a contractor commissioned by Dixon Sand to undertake environmental work for the Quarry.
4. (g)	regularly assess noise monitoring data and modify and/or stop operations on site to ensure compliance with the relevant conditions of this consent, to the satisfaction of the Secretary. Note: Required frequency of noise monitoring may be reduced if approved by the Secretary Refer to the figure in Appendix 2 for the location of the bunds and strips.	Compliant	ONR01-2019, ONR02-2019, ONR03-2019	Noise monitoring data is assessed regularly in Annual Reviews during the audit period. Quarry operations are managed to ensure compliance with relevant noise criteria, including consideration of site weather conditions and their impacts on noise emissions.
5.	In the event that noise from the site exceeds the noise criteria in Table 2, or a negotiated agreement with landowner is terminated for any reason, then the Applicant must actively manage noise in excess of the criteria at the affected receptor. The Applicant must:	Not Triggered	-	Attended noise monitoring undertaken during the audit period indicate that predicted noise impacts associated with the Quarry were in compliance with the relevant assessment criteria. One negotiated agreement with a landowner exists for the Quarry. This agreement has not been terminated.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
NOISE (Cont'd)				
Operating Conditions (Cont'd)				
5. (a)	implement a reactive management system where site operations are modified in adverse weather conditions identified through meteorological monitoring;	Not Triggered	-	Reactive management measures and associated triggers are outlined in Table 5.2 of the Noise Management Plan (ONR05-2019) for the Quarry.
5. (b)	implement additional controls or treatments on individual sources on the site, or otherwise modify operations to ensure compliance; or	Not Triggered	-	
5. (c)	provide other forms of benefit or amelioration of noise impacts agreed between the Applicant and the affected party, as providing acceptable compensation for noise levels experienced; and	Not Triggered	-	
5. (d)	identify long term strategies to eliminate noise levels that exceed the noise criteria in Table 2.	Not Triggered	-	
Noise Management Plan				
6.	The Applicant must prepare a Noise Management Plan for the development to the satisfaction of the Secretary. This plan must:	Compliant	ONR05-2019. ONR53-2019.	The Noise Management Plan for the Quarry was approved by the (then) DPE on 1 May 2018.
6. (a)	be prepared in consultation with the EPA;	Compliant	ONR05-2019.	Consultation with the EPA is presented as Appendix 2 and responded to in Section 2.4 of the Noise Management Plan.
6. (b)	be submitted to the Secretary for approval within 3 months of the approval of Modification 5, unless otherwise agreed by the Secretary;	Compliant	ONR05-2019. ONR37-2019.	The submission period for the Noise Management Plan was extended from 17 February 2018 to 17 March 2018 following approval from DPE on 10 January 2018. The plan was submitted for approval on 19 March 2018 and resubmitted on 23 April 2018.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
NOISE (Cont'd)				
Noise Management Plan (Cont'd)				
6. (c)	describe the measures to be implemented to ensure: <ul style="list-style-type: none"> compliance with the noise criteria and operating conditions of this consent; best practice management is being employed; and the noise impacts of the development are minimised during meteorological conditions under which the noise criteria in this consent do not apply (see Appendix 6); 	Compliant	ONR05-2019	Section 5 of the NMP describes the pro-active and reactive noise management measures necessary to ensure compliance with noise and operating conditions. Section 9 outlines responsibilities for implementing management and monitoring measures, including: <ul style="list-style-type: none"> – reviewing meteorological forecasts on a daily basis; – evaluating and reporting noise monitoring results; and – undertaking regular reviews of the plan.
6. (d)	describe the proposed noise management system;	Compliant	ONR05-2019	The Noise Management Plan represents the noise management system for the Quarry.
6. (e)	conclude a noise monitoring program that: <ul style="list-style-type: none"> is capable of evaluating the performance of the development; includes a protocol for determining any exceedances of the relevant conditions of this consent; includes a specific program to be implemented in the event that noise from the site exceeds the noise criteria in Table 2, including, as a minimum, the measures described in condition 5 above; and effectively supports the noise management system. 	Compliant	ONR05-2019	Section 6 of the Noise Management Plan presents a suitable noise monitoring program. Section 5.2 presents reactive management measures which include actions to be undertaken in the event that noise criteria exceedances are identified.
	The Applicant must implement the Noise Management Plan as approved by the Secretary.	Compliant	ONR05-2019	The site currently operates in accordance with the approved NMP.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Page 15 of 47

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions																				
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)																								
AIR QUALITY																								
Air Quality Impact Assessment Criteria																								
7.	<p>The Applicant must ensure that particulate matter emissions generated by the development do not cause exceedances of the criteria in Table 3 at any residence on privately-owned land or at the Maroota Public School.</p> <p>Table 3: Air Quality Criteria</p> <table><tr><td>Pollutant</td><td>Averaging Period</td><td colspan="2">Criterion</td></tr><tr><td>Particulate matter < 10µm (PM₁₀)</td><td>Annual</td><td colspan="2">a.d 30µg/m³</td></tr><tr><td>Particulate matter < 10µm (PM₁₀)</td><td>24 hour</td><td colspan="2">b. 50µg/m³</td></tr><tr><td>Total Suspended particulate (TSP)</td><td>Annual</td><td colspan="2">a.d 90µg/m³</td></tr><tr><td>^c Deposited dust</td><td>Annual</td><td>^B 2 g/m²/month</td><td>^B 4 g/m²/month</td></tr></table> <p>Notes to Table 3:</p> <p>a) Cumulative impact (i.e. increase in concentrations due to the development plus background concentrations due to all other sources).</p> <p>b) Incremental impact (i.e. increase in concentrations due to the development alone, with zero allowable exceedances of the criteria over the life of the development.</p> <p>c) Deposited dust is to be assessed as insoluble solids as defined by Standards Australia, AS/NZS 3580.10.1:2003:</p> <p>d) Methods for Sampling and Analysis of Ambient Air - Determination of Particulate Matter - Deposited Matter - Gravimetric Method.</p> <p>e) Excludes extraordinary events such as bushfires, prescribed burning, dust storms, sea fog, fire incidents or any other activity agreed by the Secretary.</p>	Pollutant	Averaging Period	Criterion		Particulate matter < 10µm (PM ₁₀)	Annual	a.d 30µg/m ³		Particulate matter < 10µm (PM ₁₀)	24 hour	b. 50µg/m ³		Total Suspended particulate (TSP)	Annual	a.d 90µg/m ³		^c Deposited dust	Annual	^B 2 g/m ² /month	^B 4 g/m ² /month	Compliant	ONR01-2019, ONR02-2019, ONR03-2019	<p>Annual Reviews during the audit period record multiple exceedances of the relevant air quality criteria, the majority of which are attributed to either non-Quarry related activities or extraordinary weather events (e.g. dust storms, bushfires) or occurred outside of Quarry operating hours.</p> <p>An exceedance of the 24hr PM₁₀ 50µg/m³ criteria (51.1µg/m³) occurred on 13 September 2017. This exceedance was not attributed to non-Quarry related activities or extraordinary weather conditions. Notwithstanding, it is noted that the 24hr PM₁₀ criteria within DA 250-09-01 is strictly an incremental / Project-only concentration. Given that the recorded level was only 1.1µg/m³ above the criteria and background levels recorded at the (then) OEH air quality monitoring stations at Wyong and Richmond on that day were 20.4µg/m³ and 24.2µg/m³ respectively, it is not considered feasible for the Quarry contribution to have exceeded 50µg/m³.</p> <p>It is noted that in the 2018 and 2019 Annual Reviews non-compliance was reported against this condition (see Improvement ONR I1/19).</p>
Pollutant	Averaging Period	Criterion																						
Particulate matter < 10µm (PM ₁₀)	Annual	a.d 30µg/m ³																						
Particulate matter < 10µm (PM ₁₀)	24 hour	b. 50µg/m ³																						
Total Suspended particulate (TSP)	Annual	a.d 90µg/m ³																						
^c Deposited dust	Annual	^B 2 g/m ² /month	^B 4 g/m ² /month																					

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
AIR QUALITY (Cont'd)				
Operation Condition				
8.	The Applicant must:			
8. (a)	implement best practice management to minimise the dust emissions of the development;	Compliant	ONR11-2019. Observations.	The AQMP for the Quarry includes best practice management measures targeting the minimisation of dust emissions. Management measures including covered truck loads, spraying of exposed surfaces using a water cart, and the alarm system integrated into real time air quality monitoring systems were observed during the site inspection.
8. (b)	operate a continuous monitoring system to minimise air quality impacts at sensitive sites such as the Maroota Public School, including: <ul style="list-style-type: none"> a monitoring device that is connected to an alarm system at the site; trigger level(s) as agreed with the EPA; procedures to cease or modify operations in the event that the trigger level(s) are reached, to ensure compliance with the criteria in condition 7 of Schedule 3, to the satisfaction of the EPA;	Compliant	ONR11-2019. Observations. Advice from Environmental Officer.	A continuous air quality monitoring system, including a PM ₁₀ monitoring station and a weather station, have been installed at the relevant monitoring locations at the Quarry. An alarm system indicates exceedances of the 37µg/m ³ trigger value by informing site personnel of exceedances via text. Procedures to adjust operations in the event that trigger levels are reached or exceeded are outlined in the AQMP.
8. (c)	assess meteorological and air quality monitoring data on an ongoing basis and relocate, modify and/or stop operations on site to ensure compliance with the air quality criteria in this consent;	Compliant	ONR11-2019. Advice from Environmental Officer. ONR01-2019. ONR02-2019. ONR03-2019.	Procedures to adjust operations in the event that trigger levels are reached or exceeded are outlined in the AQMP. Air quality monitoring data is reviewed regularly and has been comprehensively reviewed in the Annual Reviews during the audit period.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
AIR QUALITY (Cont'd)				
Operation Condition (Cont'd)				
8. (d)	minimise the air quality impacts of the development during adverse meteorological conditions and extraordinary events (see note d under Table 3);	Compliant	ONR11-2019. Advice from Environmental Officer.	Requirements to minimise air quality impacts during adverse meteorological conditions and extraordinary events are discussed in the AQMP. Weather forecasts and potential implications for air quality impacts are reviewed daily by site personnel.
8. (e)	monitor and report on compliance with the relevant air quality conditions in this consent; and	Compliant	ONR01-2019. ONR02-2019. ONR03-2019.	Air quality monitoring and compliance with relevant criteria and trigger values was reported in the Annual reviews during the audit period.
8. (f)	minimise the area of surface disturbance and undertake progressive rehabilitation of the site, to the satisfaction of the Secretary.	Compliant	Observations.	Exposed operational areas and active extraction areas have been minimised to the greatest extent practicable whilst still supporting efficient Quarry operations. Progressive rehabilitation of an exposed portion of Lot 196 DP 752025 was observed to be underway during the site inspection.
Air Quality Management Plan				
9.	The Applicant must prepare an Air Quality Management Plan for the development to the satisfaction of the Secretary. This plan must:	Compliant	ONR11-2019. ONR53-2019.	The Quarry currently operates in accordance with the AQMP as approved by the (then) DPE on 1 May 2018.
9. (a)	be prepared in consultation with the EPA;	Compliant	ONR11-2019.	Appendix 2 of the AQMP contains consultation with the EPA undertaken during the preparation of the AQMP.
9. (b)	be submitted to the Secretary for approval within 3 months of the approval of Modification 5, unless otherwise agreed by the Secretary;	Compliant	ONR11-2019. ONR37-2019.	DPE approved an extension of the AQMP submission date from 17 February 2018 to 17 March 2018. The AQMP was submitted to DPE on 16 March 2018 and resubmitted on 23 April 2018.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
AIR QUALITY (Cont'd)				
Air Quality Management Plan (Cont'd)				
9. (c)	describe the measures to be implemented to ensure: <ul style="list-style-type: none"> compliance with the air quality criteria and operating conditions of this consent; best practice management is being employed; and the air quality impacts of the development are minimised during adverse meteorological conditions and extraordinary events; 	Compliant	ONR11-2019.	The AQMP includes best practice management measures, measures addressing impacts of weather conditions, and procedures to ensure the implementation of management measures.
9. (d)	describe the proposed air quality management system; and	Compliant	ONR11-2019.	The AQMP outlines the air quality management system employed at the Quarry.
9. (e)	include an air quality monitoring program that: <ul style="list-style-type: none"> is capable of evaluating the performance of the development and informing day to day operational decisions; includes a protocol for determining any exceedances of the relevant conditions of this consent; and effectively supports the air quality management system. The Applicant must implement the Air Quality Management Plan as approved by the Secretary.	Compliant	ONR11-2019.	The AQMP includes an air quality monitoring program which informs day to day operations at the Quarry, includes a protocol for determining exceedances of relevant criteria and trigger values and supports the air quality management system.
Meteorological Monitoring				
10.	For the life of the development, the Applicant must ensure that there is a suitable meteorological station operating in the vicinity of the site that complies with the requirements in the Approved Methods for Sampling and Analysis of Air Pollutants in New South Wales guideline.	Compliant	Weather station and weather records sighted during site inspection.	A weather station has been installed and was operational during the audit period at the relevant monitoring location adjacent to Maroota Public School.
Greenhouse Gas Emissions				
11.	The Applicant must implement all reasonable and feasible measures to minimise the release of greenhouse gas emissions from the site.	Compliant	ONR11-2019.	Management measures targeting the minimisation of greenhouse gas emissions are included in the AQMP.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
SOIL AND WATER				
Water Supply				
12.	<p>The Applicant must ensure that it has sufficient water for all stages of the development, and if necessary, adjust the scale of operations under the consent to match its available water supply, to the satisfaction of the Secretary.</p> <p>Note: Under the Water Act 1912 and/or the Water Management Act 2000, the Applicant is required to obtain all necessary water licences for the development.</p>	Compliant	ONR40-2019.	Annual water usage reporting indicates that operational demands remain below water allocation volumes.
Water Discharges				
13.	The Applicant must comply with the discharge limits in any EPL, or with section 120 of the POEO Act.	Compliant	ONR01-2019. ONR02-2019. ONR03-2019.	No water was discharged from the Quarry during the audit period.
Groundwater Management				
14.	<p>The Applicant must ensure that all bores and associated groundwater monitoring equipment for the development are maintained, and/or replaced if necessary, throughout the life of the development, to the satisfaction of DPI Water.</p> <p>Note: MW4 may be removed immediately prior to quarrying in that area.</p>	Compliant	Observations. Monthly Site Inspection Checklist. Advice from Environmental Officer.	<p>Groundwater bores were installed prior to the audit period.</p> <p>Groundwater monitoring and extraction bores were observed to be well maintained during the site inspection.</p> <p>Bores are regularly inspected in accordance with the monthly inspection checklist.</p>
15.	<p>Prior to commencing works associated with Modification 4, the Applicant must install additional monitoring bores within the MTSGS buffer zone within Lot 2 DP 547255 (south of MW2), including at least one deep monitoring bore that targets the regional groundwater table and at least one shallow groundwater monitoring bore.</p> <p>Note: This condition does not establish a new requirement to undertake these actions following the approval of Modification 5. Rather, it continues the previous requirement to undertake these actions.</p>	Compliant	ONR27-2019. ONR10-2019.	Bores 8 and 9, located within the MTSGS buffer zone and shown in the Environmental Monitoring Plan, were installed on 6 August 2019.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
SOIL AND WATER (Cont'd)				
Groundwater Management (Cont'd)				
16.	Seepage of groundwater from the MTSGS buffer zone into the quarry pit must be measured and recorded (if there is sufficient water volume to pump and measure).	Compliant	Advice from Environmental Officer.	No significant groundwater inflow into the extraction area pit has been observed during the audit period.
17.	The Applicant must ensure that groundwater in the regional groundwater source managed under the Water Sharing Plan for the Greater Metropolitan Groundwater Sources 2011 is not intercepted or contaminated by its operations. In the event of this groundwater being intercepted or contaminated, operations are to cease within the vicinity of the affected area and the Applicant must consult with the Secretary and DPI Water to determine the basis upon which extraction may recommence. <i>Note: Perched groundwater lenses that are above the regional groundwater source and are outside the MTSGS buffer zone may be intercepted however Water Access Licences must be held to account for all groundwater taken.</i>	Compliant	ONR04-2019.	Procedures to monitor and, if necessary, licence any groundwater seepage into the extraction area pit are outlined in the SWMP.
18.	In the event that the regional groundwater table is intercepted by any on-site dams, the Applicant must carry out remedial works, such as backfilling to the depth of the water table, to the satisfaction of the Secretary.	Not Triggered.	Advice from Environmental Officer.	On-site dams have not intercepted regional groundwater tables.
Soil and Water Management				
19.	The Applicant must consult with DPI Water prior to commencement of operations in strip 4 (as shown in the figure in Appendix 2) on Lots 1 and 2 DP 547255 and, if required, obtain a permit under the Fisheries Management Act 1994 for works to be carried out on the site.	Not Triggered.	Observations. Advice from Environmental Officer.	Operations have not yet commenced in the Strip 4 area.
20.	The Applicant must prepare a Soil and Water Management Plan for the development to the satisfaction of the Secretary. This plan must:	Compliant	ONR04-2019 ONR53-2019	The site currently operates in accordance with a SWMP dated May 2018 and approved by the (then) DPE on 31 May 2018.
20. (a)	be prepared by a suitably qualified and experienced person/s approved by the Secretary;	Compliant	ONR04-2019	A DPE endorsement letter is included as Appendix 2 of the SWMP.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
SOIL AND WATER (Cont'd)				
Soil and Water Management (Cont'd)				
20. (b)	be prepared in consultation with the EPA and DPI Water;	Compliant	ONR04-2019	Consultation with the EPA and DPI Water is included as Appendix 2 of the SWMP.
20. (c)	be submitted to the Secretary for approval within 3 months of the approval of Modification 5, unless otherwise agreed by the Secretary; and include a:	Compliant	ONR04-2019 ONR37-2019. Advice from Environmental Officer.	Submission date extension from 17 February 2018 to 17 March 2018 confirmed in letter from DPE dated 10 January 2018. The SWMP was submitted for approval on 16 March 2018 and resubmitted on 27 April 2018.
20. (d) (i)	Site Water Balance that includes: <ul style="list-style-type: none"> details of: <ul style="list-style-type: none"> sources and security of water supply; water use and management on site; any off-site water transfers; and reporting procedures; and measures to be implemented to minimise clean water use on site. 	Compliant	ONR04-2019	Section 4 of the SWMP outlines the Quarry water balance while Section 5 details discharges and reporting procedures. It is noted that water for use in dust suppression and processing are wholly met by water captured within the Quarry. Therefore, the minimisation of the volume of clean water from upslope acts to minimise the volume of clean water used on site.
20. (d) (ii)	Surface Water Management Plan, that includes: <ul style="list-style-type: none"> a program for obtaining detailed baseline data on surface water flows and quality in water bodies that could potentially be affected by the development; 	Compliant	ONR04-2019	Section 5.1.2.1 of the SWMP details the monitoring program for receiving waters.
	<ul style="list-style-type: none"> a detailed description of the surface water management system on site including the: <ul style="list-style-type: none"> clean water diversion system; erosion and sediment controls; dirty water management system; and water storages; and 	Compliant	ONR04-2019	The surface water management system is described in Section 3 of the SWMP.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
SOIL AND WATER (Cont'd)				
Soil and Water Management (Cont'd)				
20. (d) (ii) Cont'd	<ul style="list-style-type: none"> a program to monitor and report on: <ul style="list-style-type: none"> any surface water discharges; the effectiveness of the water management system; the quality of water discharged from the site to the environment; and surface water flows and quality in local watercourses; and 	Compliant	ONR04-2019	Monitoring and reporting procedures are outlined in Section 5.1 of the SWMP.
20. (d) (iii)	Groundwater Management Plan that includes: <ul style="list-style-type: none"> detailed management measures to ensure that quarrying operations, other than monitoring bores, do not intercept the highest recorded wet weather groundwater level within the MTSGS buffer zone and/or the regional groundwater table within the Sydney Basin Central Groundwater Source; 	Compliant	ONR04-2019	Measures concerning extraction depth monitoring and management are detailed in Section 5.2 of the SWMP.
	<ul style="list-style-type: none"> a protocol to obtain appropriate water licence(s) to cover the volume of any unforeseen groundwater inflows into the quarry from the quarry face or floor; and 	Compliant	ONR04-2019	Section 6.2 includes monitoring measures and a protocol to obtain appropriate licencing in the event that groundwater inflows exceed licenced volumes.
	<ul style="list-style-type: none"> a monitoring program to manage potential impacts, if any, on any alluvium and associated surface water source near the proposed extraction area that includes: <ul style="list-style-type: none"> identification of a methodology for determining threshold water level criteria; contingency measures in the event of a breach of thresholds; and a program to regularly report on monitoring. <p>The Applicant must implement the Soil and Water Management Plan as approved by the Secretary.</p>	Compliant	ONR04-2019	Sections 5.2 and 6.2 detail monitoring and reporting procedures as well as a trigger action response plan to be implemented in the event that water quality results exceed trigger values.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
TRANSPORT				
Monitoring of Product Transport				
21.	The Applicant must keep accurate records of all laden truck movements to and from the site (including time of arrival and dispatch) and publish a summary of records on its website every 6 months.	Compliant	Spot check of weighbridge dockets.	Detailed laden truck movement records are retained on site as weighbridge dockets and a summary is published on the Dixon Sand website.
Operating Conditions				
22.	The Applicant must:			
22. (a)	advise its drivers and its clients not to arrive at the site prior to 5:45 am on any day;	Compliant	ONR06-2019. Observations. Sighting of induction records.	Driver requirements are outlined in the Site Traffic Management Plan: Maroota, which forms Appendix 3 of the TMP, and during driver inductions. Vehicles were observed with covered loads and utilising the truck wash area during the site inspection.
22. (b)	ensure that all laden trucks have their loads covered when arriving at or leaving the site;	Compliant		
22. (c)	ensure that all laden trucks are cleaned of material that may fall from vehicles, before leaving the site; and	Compliant		
22. (d)	use its best endeavours to ensure that appropriate signage is displayed on all trucks used to transport product from the development so they can be easily identified by road users.	Non-Compliant	ONR06-2019.	The requirement to display appropriate truck signage is not included in the TMP or associated driver induction documents. See Recommendation ONR R5/19 .
Transport Management Plan				
23.	The Applicant must prepare a Traffic Management Plan for the development to the satisfaction of the Secretary. This plan must:	Compliant	ONR06-2019 ONR53-2019	The site currently operates in accordance with TMP dated April 2018 and approved by the (then) DPE on 1 May 2018.
23. (a)	be prepared in consultation with the RMS and Council;	Compliant	ONR06-2019	Consultation with RMS and Hills Shire Council is presented as Appendix 2 of the TMP.
23. (b)	be submitted to the Secretary for approval within 3 months of the approval of Modification 5, unless otherwise agreed by the Secretary;	Compliant	ONR06-2019. ONR37-2019. Advice from Environmental Officer.	Extension of the submission date from 17 February to 17 March 2018 was granted by DPE on 10 January 2019. The TMP was submitted for approval on 16 March 2018 and resubmitted on 23 April 2018.
23. (c)	describe the processes in place to control the arrival and dispatch of trucks;	Compliant	ONR06-2019	Section 5 of the TMP details traffic management controls for the Quarry.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
TRANSPORT (Cont'd)				
Transport Management Plan (Cont'd)				
23. (d)	include a Drivers' Code of Conduct that details the safe and quiet driving practices that must be used by drivers travelling to and from the site, particularly in the vicinity of the Maroota Public School;	Compliant	ONR06-2019	Section 4 of the TMP outlines the Drivers Code of Conduct, detailing expected safe and quiet driving practices.
23. (e)	describe the measures to be put in place to ensure compliance with the Drivers' Code of Conduct;	Compliant	ONR06-2019	Measures to ensure compliance with the Drivers Code of Conduct are outlined in Section 4.2 of the TMP.
23. (f)	include specific measures to minimise the impact of heavy vehicles, including restrictions on routes and times (particularly in relation to peak hours, holiday periods and times immediately before and after school hours, i.e. 8.30 am – 9.00 am and 3.00 pm – 3.30 pm); and	Compliant	ONR06-2019	Management measures concerning movement and route restrictions with specific regard for school and holiday periods are outlined in Section 5 of the TMP.
23. (g)	propose measures to minimise the transmission of dust and tracking of material onto the surface of the public road from vehicles leaving the quarry.	Compliant	ONR06-2019	Measures to minimise dust and material tracking are outlined in Section 5 of the TMP.
	The Applicant must implement the approved Traffic Management Plan as approved by the Secretary.	Compliant	ONR06-2019	The Quarry operates in accordance with the approved TMP.
ABORIGINAL HERITAGE				
24.	If any suspected object or place of Aboriginal heritage significance is identified on site, the Applicant must ensure that:	Not Triggered	ONR07-2019	No Aboriginal sites have been identified within the Quarry site. Notwithstanding, these requirements do not appear to be documented within the environmental management documentation. See Improvement ONR I6/19 .
24. (a)	all work in the immediate vicinity of the suspected Aboriginal object or place ceases immediately;			
24. (b)	a 10 m buffer area around the suspected Aboriginal object or place is cordoned off; and			
24. (c)	the OEH is contacted immediately Work in the immediate vicinity of the suspected Aboriginal object or place may only recommence in accordance with the provisions of Part 6 of the National Parks and Wildlife Act 1974.			





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions						
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)										
BIODIVERSITY AND REHABILITATION										
Biodiversity Offset Strategy										
25. 25. (a)	<div>The Applicant must: implement the Biodiversity Offset Strategy (see Table 4); Table 4: Biodiversity Offset Strategy</div> <table><tr><th>Offset Areas</th><th>Minimum Size</th></tr><tr><td>Native Vegetation Corridor (on-site), as shown conceptually in Appendix 1.</td><td>6.83 hectares</td></tr><tr><td>Haerses Road Biodiversity Offset Area (off-site)</td><td>8.70 hectares</td></tr></table>	Offset Areas	Minimum Size	Native Vegetation Corridor (on-site), as shown conceptually in Appendix 1.	6.83 hectares	Haerses Road Biodiversity Offset Area (off-site)	8.70 hectares	Compliant	ONR07-2019 ONR01-2019. ONR02-2019. ONR03-2019.	<div>The biodiversity offset strategy for the Native vegetation Corridor and Hearses Road Biodiversity Offset Area are outlined in the BRMP for the Quarry.</div> <div>Details of rehabilitation and weed control activities undertaken during the audit period are provided in annual bush regeneration reports and biodiversity and rehabilitation management reports included in the Annual reviews.</div>
Offset Areas	Minimum Size									
Native Vegetation Corridor (on-site), as shown conceptually in Appendix 1.	6.83 hectares									
Haerses Road Biodiversity Offset Area (off-site)	8.70 hectares									
25. (b)	ensure that adequate resources are dedicated towards the implementation of this strategy;	Compliant	Advice from Environmental Officer.	Proposed terms for a Public Positive Covenant were submitted by Dixon Sand to DPIE on 24 August 2019 and a response is awaited. Monitoring and management activities associated with the Biodiversity Offset Area commenced in July 2015.						
25. (c)	provide appropriate long term security for the Haerses Road Biodiversity Offset Area; and	Non-Compliant	Advice from Environmental Officer.	Proposed terms for a Public Positive Covenant were submitted by Dixon Sand to DPIE on 24 August 2019. However, confirmation of these terms is awaited and, once confirmed, Dixon Sand will seek to register the Hearses Road Biodiversity Offset Area under this arrangement. See Recommendation ONR R2/19 .						

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
BIODIVERSITY AND REHABILITATION (Cont'd)				
Biodiversity Offset Strategy (Cont'd)				
25. (d)	provide a timetable for the implementation of the offset strategy by the end of June 2016, or as otherwise agreed by the Secretary, to the satisfaction of the Secretary.	Compliant	ONR07-2019.	<p>A timetable for the implementation of the Native Vegetation Corridor component of the offset strategy is provided in Section 7 of the BRMP.</p> <p>Completion criteria for the Hearses Road Biodiversity Offset Area component of the strategy are provided in Appendix 3 of the BRMP. These criteria are effectively ongoing performance indicators. The strategy provides timing for management actions and monitoring which remain ongoing during the Project life.</p>
	<p>"Prior to 30 September 2015, the Applicant must confirm the boundary of the Haerses Road Biodiversity Offset Area to the satisfaction of the Secretary. No vegetation clearing is to occur within the expanded extraction area within Lot 2 DP 547255 approved under Modification 4 until the Secretary's approval for the boundary of the Haerses Road Biodiversity Offset Area is obtained.</p> <p><i>Note: For the purposes of this consent suitable arrangements may include the use of Public Positive Covenants in combination with Restrictions in Use of Land on the land titles of the Offset Area. Other arrangements such as dedication of land under the National Parks and Wildlife Act 1974, Trust Agreements under the Nature Conservation Trust Act 2001 or a Property Vegetation Plan registered on title under the Native Vegetation Act 2003 would be considered for their suitability by the Secretary. "</i></p>	Compliant	2016 Independent Environmental Audit.	<p>A survey of the HRBOA boundary was conducted by McKinley Morgan and Associates in September 2015 and the survey plans were submitted on 29 September 2015.</p>





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions						
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)										
BIODIVERSITY AND REHABILITATION (Cont'd)										
Rehabilitation Objectives										
26.	<p>The Applicant must rehabilitate the site to the satisfaction of the Secretary. This rehabilitation must be generally consistent with the conceptual final landform in Appendix 5 and must comply with the objectives in Table 5.</p> <p><i>Table 5: Rehabilitation Objectives</i></p> <table><tr><th>Feature</th><th>Objective</th></tr><tr><td>All areas of the site affected by the development</td><td><ul style="list-style-type: none">• Safe• Hydraulically and geotechnically stable• Non-polluting• Fit for the intended final land use(s)• Final landform integrated with surrounding natural landforms as far as is reasonable and feasible, and minimising visual impacts when viewed from surrounding land• Landscaped and vegetated using native tree and understorey species or agricultural species in accordance with the Biodiversity and Rehabilitation Management Plan</td></tr><tr><td>Surface infrastructure</td><td><ul style="list-style-type: none">• Decommissioned and removed, unless otherwise agreed by the Secretary</td></tr></table>	Feature	Objective	All areas of the site affected by the development	<ul style="list-style-type: none">• Safe• Hydraulically and geotechnically stable• Non-polluting• Fit for the intended final land use(s)• Final landform integrated with surrounding natural landforms as far as is reasonable and feasible, and minimising visual impacts when viewed from surrounding land• Landscaped and vegetated using native tree and understorey species or agricultural species in accordance with the Biodiversity and Rehabilitation Management Plan	Surface infrastructure	<ul style="list-style-type: none">• Decommissioned and removed, unless otherwise agreed by the Secretary	Compliant	ONR07-2019	Rehabilitation at the Quarry site to date has been undertaken in accordance with the BRMP and has included revegetation using native tree and understorey species as well as the preparation of stable final landform areas (e.g. a portion of Lot 196 DP 752025) for future agricultural land use.
Feature	Objective									
All areas of the site affected by the development	<ul style="list-style-type: none">• Safe• Hydraulically and geotechnically stable• Non-polluting• Fit for the intended final land use(s)• Final landform integrated with surrounding natural landforms as far as is reasonable and feasible, and minimising visual impacts when viewed from surrounding land• Landscaped and vegetated using native tree and understorey species or agricultural species in accordance with the Biodiversity and Rehabilitation Management Plan									
Surface infrastructure	<ul style="list-style-type: none">• Decommissioned and removed, unless otherwise agreed by the Secretary									
Progressive Rehabilitation										
27	<p>"The Applicant must rehabilitate the site progressively, that is, as soon as reasonably practicable following disturbance. All reasonable measures must be taken to minimise the total area exposed for dust generation at any time. Interim stabilisation measures must be implemented where reasonable and feasible to control dust emissions in disturbed areas that are not active and which are not ready for final rehabilitation.</p> <p><i>Note: It is accepted that parts of the site that are progressively rehabilitated may be subject to future re-disturbance.</i></p>	Compliant	ONR07-2019. Observations.	Progressive rehabilitation has been undertaken at the quarry where practicable to reduce the area of exposed surfaces. Additionally, interim stabilisation measures including the establishment of cover crops on bunds have been implemented to control dust emission prior to final rehabilitation.						

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
BIODIVERSITY AND REHABILITATION (Cont'd)				
Riparian Management				
28	The Applicant must establish a riparian zone, revegetated with local native species, along the entire length of the reconstructed ephemeral waterway on the site. The riparian zone shall be no less than 20m wide measured horizontally and at right angles to the flow from the top of both banks. No exotic plant species, other than sterile cover crops, are to be planted in the riparian zone.	Not Triggered	Observation.	The riparian zone has not yet been established as final rehabilitation and reconstruction of the ephemeral waterway within Lot 2 547255 has not yet commenced.
Biodiversity and Rehabilitation Management Plan				
29	The Applicant must prepare a Biodiversity and Rehabilitation Management Plan for the development to the satisfaction of the Secretary. This plan must:	Compliant	ONR07-2019. ONR53-2019.	The site currently operates in accordance with the BRMP dated April 2018 as approved by the (then) DPE on 1 May 2018.
29 (a)	be prepared by a suitably qualified expert;	Compliant	ONR07-2019.	Prepared by Alison Riley of Umwelt - Alison Riley (Umwelt NSW Ecology Manager).
29 (b)	be prepared in consultation with OEH and Council;	Compliant	ONR07-2019.	Consultation with OEH and Hills Shire Council is presented as Appendix 2 of the BRMP.
29 (c)	be submitted to the Secretary for approval within 3 months of the approval of Modification 5, unless otherwise agreed by the Secretary;	Compliant	ONR07-2019. ONR37-2019. Advice from Environmental Officer.	Extension of the submission date from 17 February to 17 March 2018 was granted by DPE on 10 January 2019. The BRMP was submitted for approval on 16 March 2018 and resubmitted on 23 April 2018.
29 (d)	provide details of the conceptual final landform and associate final land use(s) for the site;	Compliant	ONR07-2019.	Conceptual final landform and land use detailed in Sections 5.3 and 5.4 of the BRMP.
29 (e)	describe how the implementation of the Biodiversity Offset Strategy will be integrated with the overall rehabilitation of the site;	Compliant	ONR07-2019.	The BRMP details the integration of the Riparian Vegetation Corridor offset component into the broader Quarry site through integrated management and monitoring approaches. A conceptual final landform including this area is provided in Figure 5.1. The Hearses Road Biodiversity Offset Area is located adjacent to a separate Quarry site, the Hearses Road Quarry, and will therefore be integrated into the final landform for that site.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
BIODIVERSITY AND REHABILITATION (Cont'd)				
Biodiversity and Rehabilitation Management Plan (Cont'd)				
29 (f)	<p>"describe the short, medium and long term measures to be implemented to:</p> <ul style="list-style-type: none"> manage remnant vegetation and habitat on site, including within the Biodiversity Offset Strategy area; and ensure compliance with the rehabilitation objectives and progressive rehabilitation obligations in this consent;" 	Compliant	ONR07-2019.	Section 6 of the BRMP details remnant vegetation and habitat management measures and measures targeting compliance with rehabilitation objectives. Section 7 provides an indication of the rehabilitation staging timeframe.
29 (g)	<p>"include a detailed description of the measures described in paragraph (f) to be implemented over the next 3 years (to be updated for each 3 year period following initial approval of the plan) including the procedures to be implemented for:</p> <ul style="list-style-type: none"> establishment and maintenance of the riparian zone required under condition 29 above; 	Compliant	ONR07-2019.	Actions concerning the establishment and maintenance of the riparian zone over the next 3 years are outlined in Section 7.2.
	<ul style="list-style-type: none"> maximising the salvage of environmental resources within the approved disturbance area, including tree hollows, vegetative and soil resources, for beneficial reuse in the enhancement of the offset area or site rehabilitation; 	Compliant	ONR07-2019	Actions concerning the salvage of environmental resources over the next 3 years are outlined in Section 7.2.
	<ul style="list-style-type: none"> restoring and enhancing the quality of native vegetation and fauna habitat in the biodiversity offset and rehabilitation areas through assisted natural regeneration, targeted vegetation establishment and the introduction of fauna habitat features; 	Compliant	ONR07-2019	Actions concerning the restoration and enhancement of native vegetation and habitat over the next 3 years are outlined in Section 7.2.
	<ul style="list-style-type: none"> protecting vegetation and fauna habitat outside the approved disturbance area on-site; 	Compliant	ONR07-2019	Actions concerning the protection of vegetation and habitat over the next 3 years are outlined in Section 7.2.
	<ul style="list-style-type: none"> minimising the impacts on native fauna, including undertaking pre-clearance surveys and avoiding clearing activities during sensitive hibernation and breeding periods; 	Compliant	ONR07-2019	Actions concerning the minimisation of impacts on native fauna over the next 3 years are outlined in Section 7.2.
	<ul style="list-style-type: none"> establishing vegetation screening to minimise the visual impacts of the site on surrounding receivers; 	Compliant	ONR07-2019	Actions concerning the establishment of vegetation screens over the next 3 years are outlined in Section 7.2.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
BIODIVERSITY AND REHABILITATION (Cont'd)				
Biodiversity and Rehabilitation Management Plan (Cont'd)				
29 (g) Cont'd	<ul style="list-style-type: none"> ensuring minimal environmental consequences for threatened species, populations and habitats; 	Compliant	ONR07-2019	Actions concerning the minimisation of consequences for threatened species, populations and habitats over the next 3 years are outlined in Section 7.2.
	<ul style="list-style-type: none"> collecting and propagating seed; 	Compliant	ONR07-2019	Actions concerning the collection and propagation of seeds over the next 3 years are outlined in Section 7.2.
	<ul style="list-style-type: none"> controlling weeds and feral pests; 	Compliant	ONR07-2019	Actions concerning the control of weed and pest species over the next 3 years are outlined in Section 7.2.
	<ul style="list-style-type: none"> controlling erosion; and 	Compliant	ONR07-2019	Actions concerning control of erosion over the next 3 years are outlined in Section 7.2.
	<ul style="list-style-type: none"> managing bushfire risk; 	Compliant	ONR07-2019	Actions concerning the management of bushfire risk over the next 3 years are outlined in Section 7.2.
29 (h)	include a program to monitor the effects of the development on flora and fauna, including known populations of <i>Tetratheca Glandulosa</i> , <i>Melaleuca deanei</i> , <i>Darwinia fascicularis</i> subsp. <i>oligantha</i> , and <i>Kunzea Rupestris</i> on the site, including annual surveys of any threatened species for the duration of quarrying operations;	Compliant	ONR07-2019	Appendix 5 of the BRMP provides a flora and fauna monitoring program.
29 (i)	include a specific program to translocate, propagate, and revegetate threatened plant species on the site including <i>Melaleuca deanei</i> , <i>Darwinia Fascicularis</i> susp. <i>oligantha</i> , and <i>Kunzea rupestris</i> , to be implemented under the direction of a qualified ecologist;	Compliant	ONR07-2019	Section 6.5 of the BRMP details the translocation and propagation program for threatened plant species.
29 (j)	include detailed performance and completion criteria for evaluating the performance of the translocation program in paragraph (i), the Biodiversity Offset Strategy and the rehabilitation of the site (including progressive rehabilitation), including triggers for any necessary remedial action;	Compliant	ONR07-2019	Performance and completion criteria for the translocation program are detailed in Section 6.5.6 of the BRMP and Section 3 of Appendix 5 of the BRMP.
29 (k)	include a program to monitor and report on the effectiveness of the measures described in paragraphs (f), (g) and (i), and progress against the performance and completion criteria;	Compliant	ONR07-2019	Monitoring and reporting procedures are outlined in Sections 8 and 9 of the BRMP.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
BIODIVERSITY AND REHABILITATION (Cont'd)				
Biodiversity and Rehabilitation Management Plan (Cont'd)				
29 (l)	identify the potential risks to the successful implementation of the plan, and include a description of the contingency measures to be implemented to mitigate against or address these risks, including specific measures to be implemented in the event that the performance and completion criteria are not satisfied; and	Compliant	ONR07-2019	Potential risks and corrective management actions are identified in Section 11 of the BRMP.
29 (m)	include details of who is responsible for monitoring, reviewing, and implementing the plan.	Compliant	ONR07-2019	Section 12 of the BRMP outlines accountabilities for monitoring, reviewing and implementing the BRMP.
Biodiversity and Rehabilitation Bond				
30.	"Within 6 months of the approval of the Biodiversity and Rehabilitation Management Plan, the Applicant must lodge a Biodiversity and Rehabilitation Bond with the Department to ensure that the Biodiversity Offset Strategy and rehabilitation of the site are implemented in accordance with the performance and completion criteria set out in the Biodiversity and Rehabilitation Management Plan and the relevant conditions of this consent. The sum of the bond must be determined by	Compliant	ONR49-2019. ONR50-2019. ONR51-2019. ONR52-2019.	Confirmation of the Biodiversity and Rehabilitation Bond calculation was provided by DPE on 25 October 2018. The bond was provided to DPE on 1 November 2018.
30. (a)	calculating the full cost of implementing the Biodiversity Offset Strategy;			
30. (b)	calculating the cost of rehabilitating all disturbed areas of the site, taking into account the likely surface disturbance over the next 3 years of quarrying operations; and			
30. (c)	employing a suitably qualified quantity surveyor or other expert to verify the calculated costs, to the satisfaction of the Secretary.			

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
BIODIVERSITY AND REHABILITATION (Cont'd)				
Biodiversity and Rehabilitation Bond (Cont'd)				
30. Cont'd	<p>Notes:</p> <ul style="list-style-type: none"> Alternative funding arrangements for long term management of the Biodiversity Offset Strategy, such as provision of capital and management funding as agreed by OEH as part of a BioBanking Agreement, or transfer to conservation reserve estate can be used to reduce the liability of the Biodiversity and Rehabilitation Bond. Alternative funding arrangements for long term management of the Biodiversity Offset Strategy, such as provision of capital and management funding as agreed by OEH as part of a BioBanking Agreement, or transfer to conservation reserve estate can be used to reduce the liability of the Biodiversity and Rehabilitation Bond If capital and other expenditure required by the Biodiversity and Rehabilitation Management Plan is largely complete, the Secretary may waive the requirement for lodgement of a bond in respect of the remaining expenditure. If the Biodiversity Offset Strategy and/or rehabilitation of the site area are completed (or partially completed) to the satisfaction of the Secretary, then the Secretary will release the bond (or relevant part of the bond). If the Biodiversity Offset Strategy and rehabilitation of the site are not completed to the satisfaction of the Secretary, then the Secretary will call in all or part of the bond and arrange for the completion of the relevant works. Any redundant rehabilitation or biodiversity bonds currently held by the Department in relation to the development may be released following acceptance of the Biodiversity and Rehabilitation bond required under this condition. " 	-	-	Noted.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
BIODIVERSITY AND REHABILITATION (Cont'd)				
Biodiversity and Rehabilitation Bond (Cont'd)				
31	The Biodiversity and Rehabilitation Bond must be reviewed and (if required), an updated bond must be lodged with the Department within 3 months following:	Not Triggered	-	
31 (a)	an update or revision to the Biodiversity and Rehabilitation Management Plan;			
31 (b)	the completion of an Independent Environmental Audit in which recommendations relating to the implementation of the Biodiversity Offset Strategy and/or rehabilitation of the site have been made; or	Not Triggered	-	Within 3 months following this audit.
31 (c)	in response to a request by the Secretary.	Not Triggered	-	
VISUAL				
32	The Applicant must implement all reasonable and feasible measures to minimise the visual and off-site lighting impacts of the development to the satisfaction of the Secretary.	Compliant	ONR07-2019	Outlined in Section 6.3.6 of the BRMP.
WASTE				
33	The Applicant must:			
33 (a)	manage on-site sewage treatment and disposal in accordance with the requirements of its EPL, and to the satisfaction of the EPA and Council;	Compliant	Advice from Environmental Officer.	Installation of existing on-site sewage treatment facilities was carried out prior to the audit period. A site inspection undertaken by the EPA in 2016 did not raise any issues concerning sewage treatment.
33 (b)	minimise the waste generated by the development;	Compliant	Observations. Advice from Environmental Officer.	Waste minimisation is targeted through daily/weekly/monthly site inspections of the waste management and recycling system and the discussion of waste management issues during toolbox meetings. Appropriate waste bin labelling and the inclusion of waste management posters on notice boards were sighted during the site inspection.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
WASTE (Cont'd)				
34	Except as expressly permitted in an EPL, the Applicant must not receive waste on the site for storage, treatment, processing, reprocessing or disposal.	Compliant	ONR01-2019 ONR02-2019 Advice from Environmental officer.	Annual Reviews for 2016/2017 and 2017/2018 indicate that no waste was received at the Quarry. No waste was received at the Quarry during the audit period.
LIQUID STORAGE				
35	The Applicant must ensure that all tanks and similar storage facilities (other than for water) are protected by appropriate bunding or other containment, in accordance with the relevant Australian Standards.	Non-Compliant	Observations. E1021A_104 and 303.	Oil drums stored within a dedicated hydrocarbon storage area in the site workshop area were not appropriately bunded. See Recommendation ONR R1/19.
DANGEROUS GOODS				
36	The Applicant must ensure that the storage, handling, and transport of dangerous goods is done in accordance with the relevant Australian Standards, particularly AS1940 and AS1596, and the Dangerous Goods Code.	Non-Compliant	Observations. E1021A_104 and 303.	The storage, handling and transport of dangerous goods within the Quarry site was generally observed to have been conducted in accordance with the relevant standards. Several oil drums stored within a dedicated hydrocarbon storage area in the site workshop area were not appropriately bunded. See Recommendation ONR R1/19.
BUSHFIRE				
37	The Applicant must:			
37 (a)	ensure that the development is suitably equipped to respond to any fires on site; and	Compliant	Observations. Sighted Fire Extinguisher service records. Advice from Managing Director.	Fire extinguishers provided at various location throughout the Quarry site and maintained regularly. The water cart is equipped to support firefighting operations if required.
37 (b)	assist the Rural Fire Service and emergency services to the extent practicable if there is a fire in the vicinity of the site.	Not Triggered	Advice from Managing Director.	No fires occurred in the vicinity of the Quarry during the audit period. It is noted that Dixon Sand have previously provided assistance to the RFS in the event of fires in the vicinity of the Quarry.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 3 – SPECIFIC ENVIRONMENTAL CONDITIONS (Cont'd)				
PUBLIC SAFETY				
38	The Applicant must implement appropriate measures, in consultation with DRG and Maroota Public School, to ensure public safety and restrict unsupervised access of school children to the quarry site. Those measures must include the erection of safety fencing around the highwall of the quarry or at the school boundary as well as the fencing referred to in condition 16 of Schedule 2.	Compliant	Observations. Advice from Managing Director.	Fencing of the Maroota Public School boundary was completed by Maroota Public School prior to 2016 following consultation with DRG and Dixon Sand.
Schedule 4 Additional Procedures				
Notification of Landowners				
1	As soon as practicable, and no longer than 7 days, after obtaining monitoring results showing:			
1 (a)	an exceedance of any criteria in Schedule 3, the Applicant must notify the affected landowners in writing of the exceedance, and provide regular monitoring results, at least every 3 months, to each affected landowner until the development is again complying with the relevant criteria; and	Not Triggered	ONR01-2019, ONR02-2019, ONR03-2019	No exceedances of the relevant criteria occurred during the audit period. See also commentary for <i>Schedule 3 Condition 7</i> and Improvement ONR I1/19 .
1 (b)	an exceedance of any air quality criteria in Schedule 3, the Applicant must send a copy of the NSW Health fact sheet entitled "Mine Dust and You" (as may be updated from time to time) to the affected landowners and current tenants of the land (including the tenants of land which is not privately-owned).	Not Triggered	ONR01-2019, ONR02-2019, ONR03-2019	As above.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 4 ADDITIONAL PROCEDURES (Cont'd)				
Independent Review				
2	<p>If a landowner considers the development to be exceeding the relevant criteria in Schedule 3, they may ask the Secretary in writing for an independent review of the impacts of the development on their land.</p> <p>If the Secretary is not satisfied that an independent review is warranted, the Secretary will notify the landowner in writing of that decision, and the reasons for that decision, within 21 days of the request for a review.</p> <p>If the Secretary is satisfied that an independent review is warranted, within 3 months, or as otherwise agreed by the Secretary and the landowner, of the Secretary's decision, the Applicant must:</p>	Not Triggered	-	No landowner requested an independent review of impacts associated with the Quarry during the audit period.
2 (a)	<p>commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Secretary, to:</p> <ul style="list-style-type: none"> consult with the landowner to determine his/her concerns; conduct monitoring to determine whether the development is complying with the relevant criteria in Schedule 3; and if the development is not complying with these criteria, then identify measures that could be implemented to ensure compliance with the relevant criteria; and 			
2 (b)	give the Secretary and landowner a copy of the independent review; and			
2 (c)	comply with any written requests made by the Secretary to implement any findings of the review.			





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING				
ENVIRONMENTAL MANAGEMENT				
Environmental Management Strategy				
1	The Applicant must prepare an Environmental Management Strategy for the development to the satisfaction of the Secretary. This strategy must:	Compliant	ONR08-2019 ONR53-2019	The site currently operates in accordance with the EMS dated May 2018 and approved by DPE 31 May 2018.
1 (a)	be submitted to the Secretary for approval within 3 months of the approval of Modification 5;	Compliant	ONR37-2019. ONR53-2019. Advice from Environmental Officer.	The EMS was submitted to DPE on 16 February 2018. The EMS was resubmitted to DPE on 31 May 2018 following comments from DPE. The EMS was approved on 31 May 2018.
1 (b)	provide the strategic framework for environmental management of the development;	Compliant	ONR08-2019	The EMS provides the strategic framework for the Quarry.
1 (c)	identify the statutory approvals that apply to the development;	Compliant	ONR08-2019	Section 2 of the EMS outlines the statutory approvals applicable to the Quarry.
1 (d)	describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development;	Compliant	ONR08-2019	Section 4 of the EMS identifies management roles and responsibilities for key Quarry personnel.
1 (e)	describe the procedures to be implemented to: <ul style="list-style-type: none"> keep the local community and relevant agencies informed about the operation and environmental performance of the development; receive, record, handle and respond to complaints; resolve any disputes that may arise during the course of the development; respond to any non-compliance; respond to emergencies; and 	Compliant	ONR08-2019	Sections 7, 8 and 10 of the EMS provide descriptions of reporting, complaints handling, dispute resolution, non-compliance response and emergency response procedures.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)				
ENVIRONMENTAL MANAGEMENT (Cont'd)				
Environmental Management Strategy (Cont'd)				
1 (f)	<p>include a Community Relations Plan, developed in consultation with Council, the CCC, and the Maroota Public School, which includes:</p> <ul style="list-style-type: none"> • identification of stakeholders potentially affected by the development; • detailed strategies to ensure open communication between the Applicant, the community and Maroota Public School; • detailed strategies to monitor and evaluate social impacts of the development on the local community and Maroota Public School; and • measures to improve community relations including: <ul style="list-style-type: none"> – quarry open days and education sessions to promote better understanding of quarry operations in the wider community; – participation in community activities; and – strategies involving in-kind exchanges of expertise and resources for activities such as bush regeneration, Landcare, Streamwatch, and other community-based environmental programs; 	Compliant	ONR09-2019	<p>The Community Relations Plan identifies relevant stakeholders, details communication strategies and outlines social impact monitoring strategies.</p> <p>Sections 3.2.2 and 4 detail measures to improve community relations including open days, participation in community events, and cooperation with community groups.</p>
1 (g)	<p>include:</p> <ul style="list-style-type: none"> • copies of any strategies, plans and programs approved under the conditions of this consent; and • a clear plan depicting all the monitoring to be carried out under the conditions of this consent. 	Compliant	ONR08-2019 ONR10-2019	<p>All strategies, plans and programs are included as appendices to the EMS.</p> <p>Monitoring is detailed in each plan under the EMS, with monitoring locations depicted in the Environmental Monitoring Plan (Appendix 4).</p>
	The Applicant must implement any Environmental Management Strategy as approved by the Secretary.	Compliant	ONR08-2019	The site currently operates in accordance with the EMS dated May 2018.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)				
ENVIRONMENTAL MANAGEMENT (Cont'd)				
Evidence of Consultation				
2	Where consultation with any State or local agency is required by the conditions of this consent, the Applicant must:	Compliant	ONR08-2019	Consultation is included in the EMS and as appendices to the relevant plans. Consultation is discussed in the relevant plans.
2 (a)	consult with the relevant agency prior to submitting the required document to the Secretary for approval;		ONR04-2019	
2 (b)	submit evidence of this consultation as part of the relevant document;	Compliant	ONR05-2019	
2 (c)	describe how matters raised by the agency have been addressed and any matters not resolved; and	Compliant	ONR06-2019	
2 (d)	include details of any outstanding issues raised by the agency and an explanation of disagreement between any agency and the Applicant.	Compliant	ONR07-2019	
			ONR09-2019	
			ONR11-2019	
Management Plan Requirements				
3	The Applicant must ensure that the management plans required under this consent are prepared in accordance with any relevant guidelines, and include:	Compliant	ONR12-2019	Plans contain all identified components, where relevant. Appendix 1 of the EMS provides a Plan Preparation Checklist and Certification confirming plan component inclusion.
3 (a)	detailed baseline data;	Compliant	ONR08-2019	
3 (b)	"a description of: <ul style="list-style-type: none"> the relevant statutory requirements (including any relevant approval, licence or lease conditions); any relevant limits or performance measures/criteria; and the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the development or any management measures;" 	Compliant	ONR04-2019	
			ONR05-2019	
			ONR06-2019	
			ONR07-2019	
			ONR09-2019	
			ONR11-2019	
3 (c)	a description of the measures that to be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria;	Compliant		

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)				
ENVIRONMENTAL MANAGEMENT (Cont'd)				
Management Plan Requirements (Cont'd)				
3 (d)	a program to monitor and report on the: <ul style="list-style-type: none">impacts and environmental performance of the development; andeffectiveness of any management measures (see (c) above);	Compliant		
3 (e)	a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible;	Compliant		
3 (f)	a program to investigate and implement ways to improve the environmental performance of the development over time;	Compliant		
3 (g)	a protocol for managing and reporting any: <ul style="list-style-type: none">incidents;complaints;non-compliances with statutory requirements; andexceedances of the impact assessment criteria and/or performance criteria; and	Compliant		
3 (h)	a protocol for periodic review of the plan. <i>Note: The Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.</i>	Compliant		
Application of Existing Strategies, Plans and Programs				
4	The Applicant must continue to apply existing management plans, strategies or monitoring programs approved prior to the approval of Modification 5, until the approval of a similar plan, strategy or program following the approval of Modification 5.	Compliant	Advice from Environmental Officer.	The Quarry is managed in accordance with approved management plans.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)				
ENVIRONMENTAL MANAGEMENT (Cont'd)				
Revision of Strategies, Plans & Programs				
5	Within 3 months of the submission of an:		ONR34-2019.	Management strategies and plans were reviewed within the applicable timeframes or an extension to the timeframes was requested from the Department. Reviews were notified to the Department as required. No incidents were reported during the audit period (see Improvement ONR I1/19).
5 (a)	incident report under condition 10 below;	Not Triggered	ONR35-2019.	
5 (b)	Annual review under condition 12 below;	Compliant	ONR36-2019.	
5 (c)	Independent Environmental Audit report under condition 14 below; and	Compliant	ONR37-2019.	
5 (d)	any modifications to this consent, the Applicant must review the strategies, plans and programs required under this consent, to the satisfaction of the Secretary. The Applicant must notify the Department in writing of any such review being undertaken. Where this review leads to revisions in any such document, then within 6 weeks of the review the revised document must be submitted for the approval of the Secretary.	Compliant	Advice from Environmental Officer.	
	<i>Note: The purpose of this condition is to ensure that strategies, plans and programs are regularly updated to incorporate any measures recommended to improve environmental performance of the development.</i>	-	-	Noted.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)				
ENVIRONMENTAL MANAGEMENT (Cont'd)				
Updating and Staging of Strategies, Plans and Programs				
6	<p>To ensure that strategies, plans or programs required under this consent are updated on a regular basis, and that they incorporate any appropriate additional measures to improve the environmental performance of the development, the Applicant may at any time submit revised strategies, plans or programs for the approval of the Secretary. With the agreement of the Secretary, the Applicant may also submit any strategy, plan or program required by this consent on a staged basis.</p> <p>The Secretary may approve a revised strategy, plan or program required under this consent, or the staged submission of any of these documents, at any time. With the agreement of the Secretary, the Applicant may prepare the revised or staged strategy, plan or program without undertaking consultation with all parties nominated under the applicable condition in this consent.</p> <p>While any strategy, plan or program may be submitted on a staged basis, the Applicant will need to ensure that the operations associated with the development are covered by suitable strategies, plans or programs at all times.</p> <p>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/s of the development to which the strategy, plan or program applies; the relationship of this stage/s to any future stages; and the trigger for updating the strategy, plan or program.</p>	-	-	Noted.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)				
ENVIRONMENTAL MANAGEMENT (Cont'd)				
Adaptive Management				
7	The Applicant must assess and manage development-related risks to ensure that there are no exceedances of the criteria and/or performance measures in Schedule 3. Any exceedance of these criteria and/or performance measures constitutes a breach of this consent and may be subject to penalty or offence provisions under the EP&A Act or EP&A Regulation. Where any exceedance of these criteria and/or performance measures has occurred, the Applicant must as soon as becoming aware of any exceedance:	Compliant	ONR1-2019, ONR2-2019, ONR3-2019. Advice from Environmental Officer.	No exceedances of the criteria occurred during the audit period. The Company appears to proactively assess and manage risks to reduce the potential for exceedances or impacts.
7 (a)	take all reasonable and feasible steps to ensure that the exceedance ceases and does not reoccur;	Not Triggered		
7 (b)	consider all reasonable and feasible options for remediation (where relevant);	Not Triggered		
7 (c)	within 14 days of the exceedance occurring, submit a report to the Secretary describing these remediation options and any preferred remediation measures or other course of action; and	Not Triggered		
7 (d)	implement remediation measures as directed by the Secretary; to the satisfaction of the Secretary.	Not Triggered		

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)				
ENVIRONMENTAL MANAGEMENT (Cont'd)				
Community Consultative Committee				
8	<p>The Applicant must establish and operate a Community Consultative Committee (CCC) for the development to the satisfaction of the Secretary. The CCC must be established by 10 October 2018 and operated in general accordance with the Department's Community Consultative Committee Guidelines, November 2016 (or later version).</p> <p>Notes:</p> <ul style="list-style-type: none"> The CCC is an advisory committee. The Department and other relevant agencies are responsible for ensuring that the Applicant complies with this consent. In accordance with the guidelines, the Committee should comprise an independent chair and appropriate representation from the Applicant, Council and the local community. The CCC established and operated prior to the approval of Modification 5 must continue to be operated in accordance with the procedures required by the consent prior to the approval of Modification 5 until such time as the CCC required by this condition is established. 	Compliant	ONR41-2019.	Approval from DPE on 1 March 2018 to maintain the existing CCC arrangement.
Reporting				
Incident Reporting				
9	The Applicant must immediately notify the Secretary (using the contact name, email address and phone number provided by the Department from time to time) and any other relevant agencies of any incident.	Not Triggered	<p>ONR1-2019, ONR2-2019, ONR3-2019.</p> <p>Advice from Environmental Officer.</p>	No reportable incidents occurred during the audit period. The Company appears to proactively assess and manage risks to reduce the potential for exceedances or impacts.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)				
ENVIRONMENTAL MANAGEMENT (Cont'd)				
Reporting (Cont'd)				
<i>Incident Reporting (Cont'd)</i>				
10	Within 7 days of the date of the incident, the Applicant must provide the Secretary and any relevant agencies with a detailed report on the incident, and such further reports as may be requested. This report must include the time and date of the incident, details of the incident, measures implemented to prevent re-occurrence and must identify any non-compliance with this consent.	Not Triggered	As above	As above.
<i>Regular Reporting</i>				
11	The Applicant must provide regular reporting on the environmental performance of the development on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent.	Compliant	Dixon Sand Website	Regular reporting is provided on the Company's website for environmental monitoring, complaints and truck movements. Copies of Annual Reviews and other relevant reports are also published.
<i>Annual Review</i>				
12	By the end of March each year, or other timing as may be agreed by the Secretary, the Applicant must submit a review to the Department reviewing the environmental performance of the development to the satisfaction of the Secretary. This review must:	Compliant	ONR34-2019. ONR35-2019. ONR36-2019. ONR42-2019. Advice from Environmental Officer.	Annual reviews submitted by the relevant date during audit period.
12 (a)	describe the development (including any progressive rehabilitation) that was carried out in the previous calendar year, and the development that is proposed to be carried out over the current calendar year;	Compliant	ONR01-2019 ONR02-2019 ONR03-2019	Annual reviews during the audit period describe development and rehabilitation activities during the reporting period as well as proposed activities during the next reporting period.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)				
ENVIRONMENTAL MANAGEMENT (Cont'd)				
Reporting (Cont'd)				
Annual Review (Cont'd)				
12 (b)	include a comprehensive review of the monitoring results and complaints records of the development over the previous calendar year, which includes a comparison of these results against the: <ul style="list-style-type: none"> relevant statutory requirements, limits or performance measures/criteria; requirements of any plan or program required under this consent; monitoring results of previous years; and relevant predictions in the documents listed in condition 2(a) of Schedule 2; 	Compliant		Annual reviews during the audit period include a review of monitoring results and a comparison of these results against relevant criteria, plans, results from previous years, and predictions listed in relevant previous assessments.
12 (c)	evaluate and report on: <ul style="list-style-type: none"> the effectiveness of the air quality and noise management systems; and compliance with the performance measures, criteria and operating conditions in this consent. 	Compliant		Annual reviews during the audit period evaluate the effectiveness of management systems and impacts associated with air and noise emissions with reference to relevant criteria and operating conditions.
12 (d)	identify any non-compliance over the past calendar year, and describe what actions were (or are being) taken to ensure compliance;	Compliant		Non-compliances and follow up actions (if required) are discussed in the annual reviews during the audit period.
12 (e)	identify any trends in the monitoring data over the life of the development;	Compliant		Trends in historical monitoring data are discussed in the annual reviews during the audit period.
12 (f)	identify any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies;	Compliant		Discrepancies between predicted and actual impacts of the development are discussed in annual reviews during the audit period.
12 (g)	describe what measures will be implemented over the current calendar year to improve the environmental performance of the development.	Compliant		Changes to environmental procedures (if any) are identified in annual reviews for the audit period.





Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)				
ENVIRONMENTAL MANAGEMENT (Cont'd)				
<i>Independent Environmental Audit</i>				
13	By the end of November 2019, and every 3 years thereafter, unless the Secretary directs otherwise, the Applicant must commission, commence and pay the full cost of an Independent Environmental Audit of the development. This audit must:	Compliant	This Audit	Audit commenced in October 2019.
13 (a)	be led and conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary	Compliant	ONR13-2019	The RWC audit team consisting of Rob Corkery as lead auditor and Scott Hollamby and Jack Flanagan in assisting roles was confirmed by DPIE on 11 July 2019.
13 (b)	include consultation with the relevant agencies and the CCC;	Compliant	ONR14-2019 ONR31-2019	Consultation for the audit was undertaken with DPIE, BCD, EPA, NRAR, RMS, RR, HSC and CCC.
13 (c)	assess the environmental performance of the development and whether it is complying with the relevant requirements in this consent and any relevant EPL or necessary water licences for the development (including any assessment, strategy, plan or program required under these approvals);	Compliant	This Audit	
13 (d)	review the adequacy of strategies, plans or programs required under the abovementioned approvals;	Compliant	This Audit	
13 (e)	recommend appropriate measures or actions to improve the environmental performance of the development, and/or any assessment, strategy, plan or program required under the abovementioned approvals; and	Compliant	This Audit	
13 (f)	be conducted and reported to the satisfaction of the Secretary.	Not Determined	This Audit	The satisfaction of the Secretary with this audit report is not yet known.
14	Within 12 weeks of commencing this audit, or as otherwise agreed by the Secretary, the Applicant must submit a copy of the audit report to the Secretary and any other NSW agency that requests it, together with its response to any recommendations contained in the audit report, and a timetable for the implementation of these recommendations as required. The Applicant must implement these recommendations, to the satisfaction of the Secretary.	Not Triggered		Submission of the audit and response to the recommendations will occur following the finalisation of this audit.

Table A4-1 (Cont'd)
Compliance Review – Development Consent DA 250-09-01

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)				
ENVIRONMENTAL MANAGEMENT (Cont'd)				
<i>Access to Information</i>				
15	Within 3 months of the approval of Modification 5, until the completion of all works, including rehabilitation and remediation the Applicant must:	Compliant	Dixon Sand Website	All relevant approvals, plans, annual reviews, monitoring result summaries, and complaints are available on the Dixon Sand website.
15 (a)	make the following information publicly available on its website: <ul style="list-style-type: none"> the documents listed in condition 2(a) of Schedule 2; current statutory approvals for the development; all approved strategies, plans and programs required under the conditions of this consent; a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs; a complaints register, updated monthly; the annual reviews of the development; any independent environmental audit as described in condition 13 above, and the Applicant's response to the recommendations in any audit; and any other matter required by the Secretary; and 	Compliant		
15 (b)	keep this information up-to-date, to the satisfaction of the Secretary.	Compliant		Information on the Dixon Sand website is up to date as required.





Table A4-2
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions						
1 ADMINISTRATIVE CONDITIONS										
A1 What the licence authorises and regulates										
A1.1	<p>This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.</p> <p>Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.</p> <table><tr><th>Scheduled Activity</th><th>Fee Based Activity</th><th>Scale</th></tr><tr><td>Extractive activities</td><td>Land-based extractive activity</td><td>> 100000 - 500000 T annual capacity to extract, process or store</td></tr></table>	Scheduled Activity	Fee Based Activity	Scale	Extractive activities	Land-based extractive activity	> 100000 - 500000 T annual capacity to extract, process or store	Compliant	ONR01-2019 ONR02-2019 ONR03-2019	<p>During the audit period production remained within the approved limit.</p> <ul style="list-style-type: none">– 2016/2017 = 491 777t.– 2017/2018 = 443 225t.– 2018/2019 = 370 891t.
Scheduled Activity	Fee Based Activity	Scale								
Extractive activities	Land-based extractive activity	> 100000 - 500000 T annual capacity to extract, process or store								
A1.2	<p>Notwithstanding A1.1, the scale of the land-based extractive activity authorised under this licence must not exceed \$Parameter1\$ [sic] tonnes per annum, being the amount equivalent to the extraction limit approved by the development consent granted under the Environmental Planning and Assessment Act 1979 for the premises specified in A2.</p>	Compliant	ONR01-2019 ONR02-2019 ONR03-2019	<p>During the audit period production remained within the approved limit.</p> <ul style="list-style-type: none">– 2016/2017 = 491 777t.– 2017/2018 = 443 225t.– 2018/2019 = 370 891t. <p><i>Note: the limit has been taken to be 500 000tpa in accordance with the upper scale limit recorded in Condition A1.1</i></p>						
A2 Premises or plant to which this licence applies										
A2.1	<p>The licence applies to the following premises:</p> <table><tr><th>Premises Details</th></tr><tr><td>DIXON SAND (PENRITH) PTY LTD</td></tr><tr><td>4610 OLD NORTHERN ROAD</td></tr><tr><td>MAROOTA</td></tr><tr><td>NSW 2756</td></tr><tr><td>LOT 1 DP 547255, LOT 2 DP 547255, LOT 29 DP 752025, LOT 196 DP 752025</td></tr></table>	Premises Details	DIXON SAND (PENRITH) PTY LTD	4610 OLD NORTHERN ROAD	MAROOTA	NSW 2756	LOT 1 DP 547255, LOT 2 DP 547255, LOT 29 DP 752025, LOT 196 DP 752025	-	-	Noted.
Premises Details										
DIXON SAND (PENRITH) PTY LTD										
4610 OLD NORTHERN ROAD										
MAROOTA										
NSW 2756										
LOT 1 DP 547255, LOT 2 DP 547255, LOT 29 DP 752025, LOT 196 DP 752025										

Table A4-2 (Cont'd)
Compliance Review – EPL 3916


Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
1 ADMINISTRATIVE CONDITIONS (Cont'd)				
A2 Premises or plant to which this licence applies (Cont'd)				
A2.2	<p>The premises location is shown on the map below.</p> 	-	-	Noted.
A3 Information supplied to the EPA				
A3.1	<p>Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.</p> <p>In this condition the reference to "the licence application" includes a reference to:</p> <p>a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and</p> <p>b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.</p>	Not Determined	-	EPL Application not available – originally issued in 2000. As the EPL should be generally consistent with DA 250-09-01, undertaking operations in accordance with the documentation supporting the DA is likely to result in compliance with this requirement. The Company has been assessed as being compliant with the relevant documentation supporting the DA – refer to commentary for DA 250-09-01 <i>Schedule 2 Condition 2</i> .
A4 Other administrative conditions				
A4.1	The licensee must comply with the conditions of consent of the NSW Land and Environment Court (LEC), for all activities on the premises permitted by this licence, mentioned in the citation No. (2004)NSWLEC254 of the judgement delivered on the court proceedings No.10206 of 2003 on 24 May 2004.	Not Determined	-	This condition refers to an out of date consent which is no longer in force. See above and Recommendation ONR R3/19 .





Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions																
1 ADMINISTRATIVE CONDITIONS (Cont'd)																				
1 Discharges to Air and Water and Applications to Land																				
P1 Location of monitoring/discharge points and areas																				
P1.1	<p>The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.</p> <table><tr><th colspan="4">Air</th></tr><tr><th>EPA identification no.</th><th>Type of Monitoring Point</th><th>Type of Discharge Point</th><th>Location Description</th></tr><tr><td>2</td><td>Ambient air monitoring</td><td></td><td>Ambient air monitoring site located near the Maroota Public School as marked in "Figure 1.3 - Existing and Proposed Development" provided to the DEC (by Fax) on 30 November 2004</td></tr><tr><td>3</td><td>Meteorological station</td><td></td><td>Meteorological station near Maroota Public School as marked in "Figure 1.3 - Existing and Proposed Development" provided to the DEC (by fax) on 30 November 2004</td></tr></table>	Air				EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description	2	Ambient air monitoring		Ambient air monitoring site located near the Maroota Public School as marked in "Figure 1.3 - Existing and Proposed Development" provided to the DEC (by Fax) on 30 November 2004	3	Meteorological station		Meteorological station near Maroota Public School as marked in "Figure 1.3 - Existing and Proposed Development" provided to the DEC (by fax) on 30 November 2004	-	-	Noted.
Air																				
EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description																	
2	Ambient air monitoring		Ambient air monitoring site located near the Maroota Public School as marked in "Figure 1.3 - Existing and Proposed Development" provided to the DEC (by Fax) on 30 November 2004																	
3	Meteorological station		Meteorological station near Maroota Public School as marked in "Figure 1.3 - Existing and Proposed Development" provided to the DEC (by fax) on 30 November 2004																	
P1.2	<p>The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.</p>	-	-	Noted.																
P1.3	<p>The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.</p> <table><tr><th colspan="4">Water and land</th></tr><tr><th>EPA Identification no.</th><th>Type of Monitoring Point</th><th>Type of Discharge Point</th><th>Location Description</th></tr><tr><td>1</td><td>Discharge to waters. Effluent volume and quality monitoring.</td><td>Discharge to waters. Effluent volume and quality monitoring.</td><td>Main storage dam weir labelled as "2 Water" on map titled "Figure 1 Location & Discharge Points - Dixon Sand Maroota" received by the EPA on 9/1/01 with Licence Application Form.</td></tr></table>	Water and land				EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description	1	Discharge to waters. Effluent volume and quality monitoring.	Discharge to waters. Effluent volume and quality monitoring.	Main storage dam weir labelled as "2 Water" on map titled "Figure 1 Location & Discharge Points - Dixon Sand Maroota" received by the EPA on 9/1/01 with Licence Application Form.	-	-	Noted.				
Water and land																				
EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description																	
1	Discharge to waters. Effluent volume and quality monitoring.	Discharge to waters. Effluent volume and quality monitoring.	Main storage dam weir labelled as "2 Water" on map titled "Figure 1 Location & Discharge Points - Dixon Sand Maroota" received by the EPA on 9/1/01 with Licence Application Form.																	
3 Limit Conditions																				
L1 Pollution of water																				
L1.1	<p>Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.</p>	Compliant	ONR01-2019. ONR02-2019. ONR03-2019.	No surface water pollution incidents were recorded in the Annual Reviews during the audit period.																

Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions																		
1 ADMINISTRATIVE CONDITIONS (Cont'd)																						
3 Limit Conditions (Cont'd)																						
L2 Concentration limits																						
L2.1	For each monitoring/discharge point or utilisation area specified in the table/s below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.	Not Triggered	ONR01-2019. ONR02-2019. ONR03-2019.	No surface water discharge was recorded at the Quarry during the audit period.																		
L2.2	Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.	Compliant		No surface water discharge was recorded at the Quarry during the audit period.																		
L2.3	To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table/s.	-	-	Noted																		
L2.4	Water and/or Land Concentration Limits <div><div>POINT 1</div><table><thead><tr><th>Pollutant</th><th>Units of Measure</th><th>50 percentile concentration limit</th><th>90 percentile concentration limit</th><th>3DGM concentration limit</th><th>100 percentile concentration limit</th></tr></thead><tbody><tr><td>pH</td><td>pH</td><td></td><td></td><td></td><td>4.5-6.5</td></tr><tr><td>Total suspended solids</td><td>milligrams per litre</td><td></td><td></td><td></td><td>50</td></tr></tbody></table></div>	Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit	pH	pH				4.5-6.5	Total suspended solids	milligrams per litre				50	-	-	Noted
Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit																	
pH	pH				4.5-6.5																	
Total suspended solids	milligrams per litre				50																	
L3 Waste																						
L3.1	The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by the licence.		Advice from Environmental Officer.	No waste was received at the Quarry site during the audit period.																		
L4 Noise limits																						
L4.1	Noise from the premises must not exceed: a) An LAeq(15 minute) noise emission criterion of 44 dB(A) between 7.00am to 6.00pm Monday to Saturday; and, b) An LAeq(15 minute) noise emission criterion of 37 dB(A) between 6am and 7am Monday to Saturday; at any nearby residence not owned by the licensee.	Compliant	ONR01-2019 ONR02-2019 ONR03-2019	Results of attended noise monitoring, undertaken six monthly during the reporting period, indicate that Quarry operations were in compliance with relevant criteria at residential receivers under the meteorological conditions at the time of monitoring.																		





Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
1 ADMINISTRATIVE CONDITIONS (Cont'd)				
3 Limit Conditions (Cont'd)				
L4 Noise limits (Cont'd)				
L4.2	Noise from the premises must not exceed an LAeq (1 hour) noise emission criterion of 45dB(A) at the most affected classroom of Maroota Public School.	Compliant		Results of attended noise monitoring, undertaken six monthly during the reporting period, indicate that Quarry operations were in compliance with relevant criteria at Maroota Public School under the meteorological conditions at the time of monitoring.
L4.3	The noise limits identified in conditions L4.1 & L4.2 apply under meteorological conditions of: a) wind speeds up to 3 meters per second at 10 meters above ground level; and b) temperature inversion conditions up to 30C per 100 metres.	-	-	Noted.
L4.4	For the purpose of assessment of noise levels specified in this licence, noise from the premises shall be measured at: a) the most affected point on or within the receptor site boundary, or at the most affected point within 30 metres of the dwelling where the dwelling is more than 30 metres from the boundary to determine compliance with LAeq(15 minute) noise limits in condition L4.1; and b) 1 metre from the dwelling façade of the most affected classroom to determine compliance with LAeq(1 hour) noise limit in condition L4.2; subject to the modification factors provided in Section 4 of the NSW Industrial Noise Policy (EPA, 2000).	Compliant	ONR01-2019 ONR02-2019 ONR03-2019	Noise compliance reports included as appendices to Annual Reviews during the audit period identify attended and at source noise monitoring locations, including attended monitoring at Maroota Public School.
L4.5	Notwithstanding condition L4.4, should direct noise measurement from the site be impractical, the licensee may employ alternative noise assessment method deemed acceptable by the EPA (refer to Section 11 of the NSW Industrial Noise Policy (EPA, 2000).	-	-	Noted.
L4.6	Noise limits identified in condition L4.1 do not apply for residential premises where there is a negotiated agreement between the licensee and the landowner of the premises.	Compliant	ONR28-2019	A noise agreement exists between Dixon Sand and residential receiver R2.

Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
1 ADMINISTRATIVE CONDITIONS (Cont'd)				
3 Limit Conditions (Cont'd)				
L6 Hours of operation				
L5.1	Unless otherwise approved in writing by the EPA, construction of proposed earth bunds around the Maroota Public School setback perimeter, required for the mitigation of noise and dust, must only be carried out between 7am and 6pm Monday to Friday during school holiday periods.	Not Triggered	Advice from Environmental Officer	Construction of earth bunds around the Maroota Public School setback perimeter has not yet commenced.
L5.2	Loading of trucks and truck movements at the site must only be carried out between 6am and 6pm Monday to Saturday, and at no time on Sundays and Public Holidays. All other activities at the premises covered by this licence must only be carried out between the 7am and 6pm Monday to Saturday, and at no time on Sundays and Public Holidays.	Compliant	Spot check despatch records. ONR01-2019, ONR02-2019, ONR03-2019	A spot check of despatch records undertaken during the site inspection indicated that the Quarry was operating within approved hours. The response to a noise-related complaint received on 6 June 2018 indicates that the Quarry was operating within approved hours.
4 Operating Conditions				
O1 Activities must be carried out in a competent manner				
O1.1	Licensed activities must be carried out in a competent manner. This includes: a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.	Compliant	Observations.	Despite instances of hydrocarbon storage practices observed during the site inspection which do not meet the requirements of the relevant Australian Standards, storage was generally undertaken in a competent manner with designated storage areas and no evidence of spillage. The processing, handling, movement and storage of substances including hydrocarbons observed during the site inspection was
O2 Maintenance of plant and equipment				
O2.1	All plant and equipment installed at the premises or used in connection with the licensed activity: a) must be maintained in a proper and efficient condition; and b) must be operated in a proper and efficient manner.	Compliant	Observations. Sighted servicing records.	Plant and equipment were observed to be well maintained and operated in a proper and efficient manner during the site inspection. Service records indicate regular maintenance of plant and equipment.





Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
1 ADMINISTRATIVE CONDITIONS (Cont'd)				
4 Operating Conditions (Cont'd)				
O3 Dust				
O3.1	The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.	Compliant	Observations. ONR01-2019 ONR02-2019 ONR03-2019	It is considered that the site has generally been maintained in a condition which minimises the emission of dust.
O3.2	All dust deposition gauges installed at the site must be operated and maintained in accordance with Australian Standard 2724.1 (1984) for deposition gauges.	Compliant	ONR01-2019 ONR02-2019 ONR03-2019	VGT Dust Deposition Reports, included as appendices to Annual Reviews, indicate sampling in accordance with AS3580.10.1 (supersedes AS 2724.1).
O3.3	The licensee must install and operate a continuous dust monitoring device, of the type mentioned in the letter of ERM Consultant sent to the EPA on 11 August 2004, at Point 2 identified in condition P1.1 of this licence, before commencing any activity permitted by this licence on Lot 1 & 2 of the premises. The continuous dust monitoring device must be fitted with an automatic alarm system alerting the quarry staff once the trigger value for PM10 (37 µg/m ³) is reached.	Compliant	Dixon Sand Website ONR10-2019 ONR01-2019 ONR02-2019 ONR03-2019 Advice from Environmental Officer.	Dust monitoring records present on Dixon Sand website. Dust monitoring results and calibration reported in Annual Reviews during the reporting period. The location of the monitoring station shown in the Environmental Monitoring Plan is consistent with Point 2 identified in condition P1.1. An automatic alarm system alerts Quarry personnel via text in the event of an exceedance of the relevant trigger value.
O3.4	The licensee must install and operate a continuous automatic meteorological station at monitoring Point 3, identified in condition P1.1 of this licence, as per requirements of AS 2923 - 1987. This wind monitoring components of the meteorological station must be interfaced with the continuous dust monitoring device, identified in the above condition O.3.3.	Compliant	ONR10-2019. ONR01-2019. ONR02-2019. ONR03-2019. Advice from Environmental Officer.	Meteorological data and calibration of the meteorological station reported in Annual Reviews during the reporting period. Location of monitoring station shown in Environmental Monitoring Plan is consistent with Point 3 identified in condition P1.1. The meteorological station interfaced with the continuous dust monitoring device.

Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
1 ADMINISTRATIVE CONDITIONS (Cont'd)				
4 Operating Conditions (Cont'd)				
O4 Other operating conditions				
O4.1	The licensee must prevent any tracking of mud on to public roads by vehicles leaving the premises.	Compliant	ONR06-2019 Observation. Advice from Environmental Officer.	No significant tracking of material onto public roads was observed during the site inspection. Use of the wash bay by trucks prior to exiting the Quarry site was observed during the site inspection. Checks of accumulated sediment are undertaken on a weekly basis. A sweeper attachment is utilised to remove accumulated sediment on sealed road surfaces following identification.
5 Monitoring and Recording Conditions				
M1 Monitoring Records				
M1.1	The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.	Compliant	Dixon Sand Website ONR01-2019 ONR02-2019 ONR03-2019 Observation.	Monitoring data during the audit period has been recorded as required. Weighbridge dockets recording loads were sighted during the site inspection.
M1.2	All records required to be kept by this licence must be: a) in a legible form, or in a form that can readily be reduced to a legible form; b) kept for at least 4 years after the monitoring or event to which they relate took place; and c) produced in a legible form to any authorised officer of the EPA who asks to see them.	Compliant	Dixon Sand Website ONR01-2019 ONR02-2019 ONR03-2019 Observations.	All monitoring records requested were produced in a legible form.
M1.3	The following records must be kept in respect of any samples required to be collected for the purposes of this licence: a) the date(s) on which the sample was taken; b) the time(s) at which the sample was collected; c) the point at which the sample was taken; and d) the name of the person who collected the sample.	Not Triggered	ONR01-2019. ONR02-2019. ONR03-2019.	No sampling of water was required under the EPL as no discharge occurred during the audit period. Meteorological and dust monitoring required under the EPL are continuous and are recorded digitally.





Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Page 6 of 7

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions																
1 ADMINISTRATIVE CONDITIONS (Cont'd)																				
5 Monitoring and Recording Conditions (Cont'd)																				
M1 Monitoring Records (Cont'd)																				
M1.4	The following records for monitoring Point 2 identified in licence condition P1.1, must be kept electronically: a) each 15 minute PM10 result; b) each rolling 24-hour average PM10 results (each 15 minutes); and c) each daily 24-hour average PM10 result (midnight to midnight).	Compliant	Observation.	PM10 monitoring data containing the relevant information was sighted during the site inspection.																
M1.5	The following records for Point 3 identified in licence condition P1.1, must be kept electronically: each 15 minute, 1 hour and 24 hour result as indicated in the table at condition M4.1.	Compliant	Observation.	Meteorological station monitoring data containing the relevant information was sighted during the site inspection.																
M2 Requirement to monitor concentration of pollutants discharged																				
M2.1	For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:																			
M2.2	Air Monitoring Requirements POINT 2 <table><tr><th>Pollutant</th><th>Units of measure</th><th>Frequency</th><th>Sampling Method</th></tr><tr><td>PM10</td><td>micrograms per cubic metre</td><td>Continuous</td><td>Australian Standard 3580.9.8 - 2001</td></tr></table>	Pollutant	Units of measure	Frequency	Sampling Method	PM10	micrograms per cubic metre	Continuous	Australian Standard 3580.9.8 - 2001	Compliant	ONR01-2019 ONR02-2019 ONR03-2019	Monitoring reports confirm use of correct units, frequency, and sampling method.								
Pollutant	Units of measure	Frequency	Sampling Method																	
PM10	micrograms per cubic metre	Continuous	Australian Standard 3580.9.8 - 2001																	
M2.3	Water and/ or Land Monitoring Requirements POINT 1 <table><tr><th>Pollutant</th><th>Units of measure</th><th>Frequency</th><th>Sampling Method</th></tr><tr><td>pH</td><td>pH</td><td>Daily during any discharge</td><td>Grab sample</td></tr><tr><td>Total suspended solids</td><td>milligrams per litre</td><td>Daily during any discharge</td><td>Grab sample</td></tr><tr><td>Turbidity</td><td>nephelometric turbidity units</td><td>Daily during any discharge</td><td>Grab sample</td></tr></table>	Pollutant	Units of measure	Frequency	Sampling Method	pH	pH	Daily during any discharge	Grab sample	Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample	Turbidity	nephelometric turbidity units	Daily during any discharge	Grab sample	Not Triggered	ONR01-2019 ONR02-2019 ONR03-2019	No discharge of water from the Quarry has occurred during the audit period.
Pollutant	Units of measure	Frequency	Sampling Method																	
pH	pH	Daily during any discharge	Grab sample																	
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample																	
Turbidity	nephelometric turbidity units	Daily during any discharge	Grab sample																	

Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
1 ADMINISTRATIVE CONDITIONS (Cont'd)				
5 Monitoring and Recording Conditions (Cont'd)				
M2 Requirement to monitor concentration of pollutants discharged (Cont'd)				
M2.4	<p>"If any rolling 24-hour average PM₁₀ result measured at Point 2 in licence condition M2.2 is found to be greater than 42µg/m³ and the prevailing wind at the site is north-westerly, i.e. between 2700 and 3150 as measured at Point 3:</p> <p>a) the licensee must take immediate action to reduce its PM₁₀ emissions;</p> <p>b) the licensee must immediately notify the EPA Manager Sydney Industry;</p> <p>c) all dust generating activity on lot 1 and 2 must cease immediately, except for activity solely for the purpose of reducing dust impact, such as watering roads, exposed areas and stockpiles or dust monitoring;</p> <p>d) if the dust level does not return to below 42µg/m³ within 1 hour of ceasing all operations at Lot 1 & 2, then: all dust generating activity on Lot 29 must also stop; and operations must stay restricted to precincts 1, 2, 3, 4, 5, 6, 8 and 9 of Lot 196 (shown in the map faxed to DEC on 25/11/04) only; and</p> <p>e) dust generating activity may only recommence when the rolling 24-hour average PM₁₀ result measured at Point 2 is less than 42µg/m³ for 4 consecutive 15 minute periods."</p>	Not Determined	<p>ONR01-2019 ONR02-2019 ONR03-2019</p> <p>Inspected Incident Register and TEOM Alarm Register</p>	<p>The rolling 24hr average PM₁₀ was recorded as exceeding the 42µg/m³ on a number of occasions throughout the audit period. The Company reported the exceedances to EPA. However, whilst compliance with these requirements seems likely, insufficient information was available in incident register to confirm that operations ceased in every required instance or the time operations recommenced. Improvement ONR 12/19</p>
M3 Testing methods - concentration limits				
M3.1	<p>Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.</p>	Not Triggered	<p>ONR01-2019. ONR02-2019. ONR03-2019.</p> <p>Advice from Environmental Officer.</p>	<p>No pollutants are applied to a utilisation area. No surface water discharges occurred during the audit period . It is noted the SWMP does not specifically reference this requirement (see Improvement ONR 17/19).</p>





Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions																														
1 ADMINISTRATIVE CONDITIONS (Cont'd)																																		
5 Monitoring and Recording Conditions (Cont'd)																																		
M3 Testing methods - concentration limits (Cont'd)																																		
M3.2	<p>Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:</p> <ul style="list-style-type: none"> a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or b) if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or c) if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place. <p>Note: The Protection of the Environment Operations (Clean Air) Regulation 2010 requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".</p>	Compliant	ONR01-2019 ONR02-2019 ONR03-2019	Environmental Monitoring Air Quality reports included within the Annual reviews during the audit period indicate that air quality monitoring and sample analysis has been undertaken in accordance with the relevant approved method and applicable standards.																														
M4 Weather monitoring																																		
M4.1	<p>At the point(s) identified below, the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1 of the table below, using the corresponding sampling method, units of measure, averaging period and sampling frequency, specified opposite in the Columns 2, 3, 4 and 5 respectively.</p> <p>POINT 3</p> <table border="1"> <thead> <tr> <th>Parameter</th><th>Sampling method</th><th>Units of measure</th><th>Averaging period</th><th>Frequency</th></tr> </thead> <tbody> <tr> <td>Temperature at 10 metres</td><td>AM-4</td><td>Degrees</td><td>1 hour</td><td>Continuous</td></tr> <tr> <td>Wind Direction at 10 metres</td><td>AM-2 & AM-4</td><td>-</td><td>15 minutes</td><td>Continuous</td></tr> <tr> <td>Wind Speed at 10 metres</td><td>AM-2 & AM-4</td><td>metres per second</td><td>15 minutes</td><td>Continuous</td></tr> <tr> <td>Sigma theta</td><td>AM-2 & AM-4</td><td>-</td><td>15 minutes</td><td>Continuous</td></tr> <tr> <td>Rainfall</td><td>AM-4</td><td>millimetres</td><td>24 hours</td><td>Continuous</td></tr> </tbody> </table>	Parameter	Sampling method	Units of measure	Averaging period	Frequency	Temperature at 10 metres	AM-4	Degrees	1 hour	Continuous	Wind Direction at 10 metres	AM-2 & AM-4	-	15 minutes	Continuous	Wind Speed at 10 metres	AM-2 & AM-4	metres per second	15 minutes	Continuous	Sigma theta	AM-2 & AM-4	-	15 minutes	Continuous	Rainfall	AM-4	millimetres	24 hours	Continuous	Compliant	ONR01-2019 ONR02-2019 ONR03-2019	Monitoring data contained within monitoring reports included in Annual Reviews during the audit period contain the necessary parameters measured using appropriate sampling methods, units, averaging periods and sampling frequencies.
Parameter	Sampling method	Units of measure	Averaging period	Frequency																														
Temperature at 10 metres	AM-4	Degrees	1 hour	Continuous																														
Wind Direction at 10 metres	AM-2 & AM-4	-	15 minutes	Continuous																														
Wind Speed at 10 metres	AM-2 & AM-4	metres per second	15 minutes	Continuous																														
Sigma theta	AM-2 & AM-4	-	15 minutes	Continuous																														
Rainfall	AM-4	millimetres	24 hours	Continuous																														

Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
1 ADMINISTRATIVE CONDITIONS (Cont'd)				
5 Monitoring and Recording Conditions (Cont'd)				
M5 Recording of pollution complaints				
M5.1	The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.	Complaint	Observation. Dixon Sand Website.	Complaints register sighted during site inspection. A summary of the complaints register is provided on the Dixon Sand website.
M5.2	The record must include details of the following: a) the date and time of the complaint; b) the method by which the complaint was made; c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect; d) the nature of the complaint; e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and f) if no action was taken by the licensee, the reasons why no action was taken.	Non-Compliant	Observation. Dixon Sand Website. ONR01-2019. ONR02-2019. ONR03-2019.	Whilst the nature of and response to any complaints received at the Quarry are adequately documented, minor details including the time and date of receipt have not been recorded for several complaints. See Recommendation ONR R4/19 .
M5.3	The record of a complaint must be kept for at least 4 years after the complaint was made.	Compliant	Observation ONR01-2019 ONR02-2019 ONR03-2019	Records of complaints are contained within both the on-site complaints register as well as Annual Reviews.
M5.4	The record must be produced to any authorised officer of the EPA who asks to see them.	-	-	Noted.
M6 Telephone complaints line				
M6.1	The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.	Compliant	Dixon Sand Website Observation.	Telephone complaints line: (02) 4566 8348 The telephone complaints line is advertised on a sign at the front gate of the Quarry. Additional contact details also available on the Dixon Sand website.





Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Page 16 of 17

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions						
1 ADMINISTRATIVE CONDITIONS (Cont'd)										
5 Monitoring and Recording Conditions (Cont'd)										
M6 Telephone complaints line (Cont'd)										
M6.2	The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.	Compliant	Complaints Line published on the website and on the front gate sign	Telephone complaints line advertised on the Dixon Sand website.						
M6.3	The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.	-	-	The EPL was in force prior to the audit period.						
M7 Requirement to monitor volume or mass										
M7.1	For each discharge point or utilisation area specified below, the licensee must monitor: a) the volume of liquids discharged to water or applied to the area; b) the mass of solids applied to the area; POINT 1 <table><tr><th>Frequency</th><th>Unit of Measure</th><th>Sampling Method</th></tr><tr><td>Daily</td><td>litres</td><td>Flow meter and continuous logger</td></tr></table>	Frequency	Unit of Measure	Sampling Method	Daily	litres	Flow meter and continuous logger	Compliant	ONR01-2019 ONR02-2019 ONR03-2019 Observation.	No discharges have occurred during the audit period. A flow meter is fitted to discharge point LDP01.
Frequency	Unit of Measure	Sampling Method								
Daily	litres	Flow meter and continuous logger								
	Note: The sampling method mentioned in the above table does not apply for three months from the date of issue of the licence variation Notice 1041380, in order to allow the licensee to construct an appropriate structure to facilitate the measurement using flow meter and continuous logger. During this period the licensee can take manual measurement of any discharge using appropriate tools.	-	-	Noted						

Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
1 ADMINISTRATIVE CONDITIONS (Cont'd)				
6 Reporting Conditions				
R1 Annual return documents				
R1.1	<p>"The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:</p> <ol style="list-style-type: none"> 1. a Statement of Compliance, 2. a Monitoring and Complaints Summary, 3. a Statement of Compliance - Licence Conditions, 4. a Statement of Compliance - Load based Fee, 5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan, 6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and 7. a Statement of Compliance - Environmental Management Systems and Practices. <p>At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA."</p>	Compliant	Observations.	Annual Returns inspected during site inspection. Signed copies of the 2014/2015 and 2015/2016 Annual Returns were sighted during the site inspection. An electronic copy of the 2016/2017 Annual Return was submitted via eConnect, with the submission record and notification sighted during the site inspection.
R1.2	An Annual Return must be prepared in respect of each reporting period, except as provided below.	Compliant	ONR29-2019 ONR30-2019	Annual Returns were prepared for the 2016/2017 and 2017/2018 reporting periods. An Annual Return is not yet due for the 2018/2019 reporting period.
R1.3	<p>Where this licence is transferred from the licensee to a new licensee:</p> <ol style="list-style-type: none"> a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period. 	Not Triggered	-	The EPL was not transferred to a new licensee during the audit period.





Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
1 ADMINISTRATIVE CONDITIONS (Cont'd)				
6 Reporting Conditions (Cont'd)				
R1 Annual return documents (Cont'd)				
R1.4	Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on: a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.	Not Triggered	-	The EPL was not surrendered or revoked during the audit period.
R1.5	The Annual Return for the reporting period must be supplied to the EPA via eConnect EPA or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').	Compliant	ONR29-2019 ONR30-2019 Observation.	Submission documents and sightings of submission notifications indicate that Annual returns were submitted within the relevant time periods during the audit period.
R1.6	The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.	Compliant	ONR29-2019 ONR30-2019 Observation.	Copies of Annual Returns retained at the Quarry were provided upon request.
R1.7	Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by: a) the licence holder; or b) by a person approved in writing by the EPA to sign on behalf of the licence holder.	Compliant	Observations.	Annual Returns inspected during site inspection. Signed copies of the 2014/2015 and 2015/2016 Annual Returns were sighted during the site inspection. An electronic copy of the 2016/2017 Annual Return was submitted via eConnect, with the submission record and notification sighted during the site inspection.
	"Note: The term "'reporting period'" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period. Note: An application to transfer a licence must be made in the approved form for this purpose."	-	-	Noted.

Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
1 ADMINISTRATIVE CONDITIONS (Cont'd)				
6 Reporting Conditions (Cont'd)				
R2 Notification of environmental harm				
R2.1	Notifications must be made by telephoning the Environment Line service on 131 555.	Not Triggered	ONR01-2019 ONR02-2019 ONR03-2019	No incidents causing or threatening material harm to the environment were recorded during the reporting period. It is noted that the reported exceedances of the trigger level in Condition M2.4 were not constituted as threatening environmental harm and were therefore notified in accordance with that condition.
R2.2	The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.	Not Triggered	ONR01-2019 ONR02-2019 ONR03-2019.	As above.
	Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.	Not Triggered	ONR01-2019 ONR02-2019 ONR03-2019 Advice from Environmental Officer.	No incidents causing or threatening material harm to the environment were recorded during the reporting period.
R3 Written report				
R3.1	Where an authorised officer of the EPA suspects on reasonable grounds that: a) where this licence applies to premises, an event has occurred at the premises; or b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.	-	-	Noted.
R3.2	The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.	Not Triggered.	Advice from Environmental Officer.	An EPA officer did not request a written report of any event during the audit period.





Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
1 ADMINISTRATIVE CONDITIONS (Cont'd)				
6 Reporting Conditions (Cont'd)				
R3 Written report (Cont'd)				
R3.3	<p>The request may require a report which includes any or all of the following information:</p> <ul style="list-style-type: none"> a) the cause, time and duration of the event; b) the type, volume and concentration of every pollutant discharged as a result of the event; c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event; d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort; e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants; f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and g) any other relevant matters. 	Not Triggered.	Advice from Environmental Officer.	An EPA officer did not request a written report of any event during the audit period.
R3.4	The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.	Not Triggered.	Advice from Environmental Officer.	An EPA officer did not request a written report of any event during the audit period.
R3.5	<p>The licensee must submit an air and dust monitoring report to the EPA annually for all dust monitoring gauges installed at the site (identified as D1–Front gate, D4–Western boundary Lot 196, D5–Northern boundary Lot 1, D6–Adjacent Maroota Public School and D7–Adjacent Kunzea conservation area Lot 29), other than the continuous dust gauge installed at Point 2 for activity related to DA 250-09-01 and monitored as per requirements of condition M2.2, containing the air quality monitoring results in the reporting period together with an evaluation of the results, including a comparison with the following ambient dust goal:</p> <ul style="list-style-type: none"> a) the total dust deposition in the nearest residential area of 4g per square metre per month expressed as an annual monthly average. 	Compliant	ONR29-2019. ONR30-2019.	Annual Returns containing air quality monitoring reports, results and an evaluation of results against relevant criteria were submitted to the EPA for the 2016/2017 and 2017/2018 periods during the audit period. It is noted that the 2018/2019 Annual return is not yet due.

Table A4-2 (Cont'd)
Compliance Review – EPL 3916

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
1 ADMINISTRATIVE CONDITIONS (Cont'd)				
7 General Conditions				
G1 Copy of licence kept at the premises or plant				
G1.1	A copy of this licence must be kept at the premises to which the licence applies.	Compliant	Observation.	A hard copy of the EPL was available on site during the site inspection.
G1.2	The licence must be produced to any authorised officer of the EPA who asks to see it.	Compliant		
G1.3	The licence must be available for inspection by any employee or agent of the licensee working at the premises.	Compliant		





Table A4-3
Compliance Review – WAL 24341

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
Take of water				
MW0929-00001	From 1 July 2018, if the water supply work nominated on this access licence is located at or less than 40 m from the top of the high bank of a river then: A. water must not be taken in this groundwater source when flows are in the Very Low Flow Class for an unregulated river access licence in that river.	Compliant	Advice from Environmental Officer.	It is advised that no water was extracted during the audit period. Therefore, compliance will have been maintained.
	B. This restriction will only apply when the system that confirms when water can be taken is available on the relevant licensor website.	-	-	Noted
	C. the relevant licensor will inform the licence holder in writing of the applicable restrictions and how to access the information on its website when this system becomes operative.	-	-	Noted
MW0919-00001	A maximum water allocation of 0.1 ML/unit share may be carried over in the account for this access licence from one water year to the next water year if a water meter is installed on each water supply work nominated on this licence and each meter is maintained in working order.	Not Triggered	-	Noted. As no water extraction has occurred no water has been required to carry over.
MW0605-00001	Water must be taken in compliance with the conditions of the approval for the nominated work on this access licence through which water is to be taken.	Not Triggered	Advice from Environmental Officer.	It is advised that no water was extracted during the audit period.
MW0547-00001	The total volume of water taken under this licence in any water year must not exceed a volume equal to: A. the sum of water in the account from the available water determination for the current year, plus B. the water carried over in the account from the previous water year, plus C. the net amount of water assigned to or from the account under a water allocation assignment, plus D. any water re-credited by the Minister to the account.	Compliant	Advice from Environmental Officer.	It is advised that no water was extracted during the audit period. Therefore, compliance will have been maintained.

Table A4-3 (Cont'd)
Compliance Review – WAL 24341

Page 2 of 2

Cond. No.	Conditional Requirement	Compliance Status	Basis for Compliance	Comments and Recommended Actions
Monitoring and recording				
MW2338-00001	The completed logbook must be retained for five (5) years from the last date recorded in the logbook.	Not Triggered	Advice from Environmental Officer.	It is advised that no water was extracted during this period.
MW2336-00001	The purpose or purposes for which water is taken, as well as details of the type of crop, area cropped, and dates of planting and harvesting, must be recorded in the logbook each time water is taken.	Not Triggered	Advice from Environmental Officer.	It is advised that no water was extracted during this period.
MW0606-00001	The volume of water taken in the water year must be recorded in the logbook at the end of each water year. The maximum volume of water permitted to be taken in that water year must also be recorded in the logbook.	Not Triggered	Advice from Environmental Officer.	It is advised that no water was extracted during this period.
MW2337-00001	The following information must be recorded in the logbook for each period of time that water is taken: A. date, volume of water, start and end time when water was taken as well as the pump capacity per unit of time, and B. the access licence number under which the water is taken, and C. the approval number under which the water is taken, and D. the volume of water taken for domestic consumption and/or stock watering.	Not Triggered	Advice from Environmental Officer.	It is advised that no water was extracted during this period.
MW2339-00001	A logbook must be kept, unless the work is metered and fitted with a data logger. The logbook must be produced for inspection when requested by the relevant licensor.	Not Triggered	Advice from Environmental Officer.	It is advised that no water was extracted during this period and no requests to inspect the logbook have been received.
Reporting				
MW0051-00002	Once the licence holder becomes aware of a breach of any condition of this access licence, the licence holder must notify the Minister as soon as practicable. The Minister must be notified by: A. email: water.enquiries@dpi.nsw.gov.au B. telephone: 1800 353 104. Any notification by telephone must also be confirmed in writing within seven (7) business days of the telephone call.	Not Triggered	Advice from Environmental Officer.	No breaches occurred during the audit period.



Appendix 5

Site Inspection Photographs

(Total No. of pages including blank pages = 6)

This page has intentionally been left blank



E1021A_001
22/12/2019



E1021A_007
22/12/2019



E1021A_008
22/12/2019



E1021A_013
22/12/2019



E1021A_020
22/12/2019



E1021A_024
22/12/2019



E1021A_029
22/12/2019



E1021A_030
22/12/2019



E1021A_041
22/12/2019



E1021A_051
22/12/2019



E1021A_059
22/12/2019



E1021A_065
22/12/2019



E1021A_071
22/12/2019



E1021A_073
22/12/2019



E1021A_079
22/12/2019



E1021A_083
22/12/2019



E1021A_084
22/12/2019



E1021A_086
22/12/2019



E1021A_097
22/12/2019



E1021A_098
22/12/2019



E1021A_104
22/12/2019



E1021A_111
22/12/2019



E1021A_117
22/12/2019



E1021A_118
22/12/2019



E1021A_119
22/12/2019



E1021A_128
22/12/2019



E1021A_129
22/12/2019



E1021A_130
22/12/2019



E1021A_174
22/12/2019



E1021A_178
22/12/2019



E1021A_179
22/12/2019



E1021A_180
22/12/2019



E1021A_181
22/12/2019



E1021A_184
22/12/2019



E1021A_215
22/12/2019



E1021A_233
22/12/2019



E1021A_242
22/12/2019



E1021A_276
22/12/2019



E1021A_291
22/12/2019



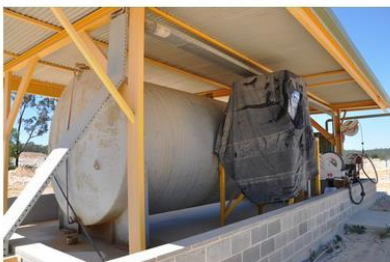
E1021A_293
22/12/2019



E1021A_296
22/12/2019



E1021A_303
22/12/2019



E1021A_311
22/12/2019



E1021A_361
22/12/2019

This page has intentionally been left blank

Appendix 6

Document Reference Table

(Total No. of pages including blank pages = 4)

This page has intentionally been left blank

Table A6-1
Principal Audit Documentation Reviewed

Page 1 of 2

Ref No.	Document Name
ONR01a&b-2019	2016/2017 Annual Review
ONR02a to m-2019	2017/2018 Annual Review
ONR03-2019	2018/2019 Annual Review
ONR04-2019	Soil and Water Management Plan
ONR05-2019	Noise Management Plan
ONR06-2019	Traffic Management Plan
ONR07-2019	Biodiversity and Rehabilitation Management Plan
ONR08-2019	Environment Management Strategy
ONR09-2019	Community Relations Plan
ONR10-2019	Environmental Monitoring Plan
ONR11-2019	Air Quality Management Plan
ONR12-2019	Plan Preparation Checklist and Certification
ONR13-2019	DPIE Endorsement of RWC Audit Team
ONR14-2019	Audit Consultation Letters with Agencies
ONR15-2019	2001 EIS Lots 1 & 2
ONR16-2019	Modification 1
ONR17-2019	Modification 2
ONR18-2019	Modification 3
ONR19-2019	Modification 4
ONR20-2019	Modification 5
ONR21-2019	EIS 1999
ONR22-2019	Correspondence with DPE confirming submission of 2018/2019 Annual Review and approval of response to DPE comments
ONR23-2019	DRG Mineral Returns 2016/2017
ONR24-2019	DRG Mineral Returns 2017/2018
ONR25-2019	Buffer zone survey submission
ONR26-2019	Maximum Extraction Depth Map submission to DPE
ONR27-2019	Bore hole drill records
ONR28-2019	Noise Agreement – R2
ONR29-2019	EPL Annual Return 2016/2017
ONR30-2019	EPL Annual Return 2017/2018
ONR31-2019	Audit consultation responses from agencies
ONR32a to e-2019	CCC Meeting Minutes May 2017 to May 2019
ONR33a&b-2019	Bushfire Management plan Parts 1 and 2
ONR34-2019	Email to DPE – Extension of EMS Review – December 2017
ONR35-2019	Email to DPE – Confirmation of ONR and HR EMS Reviews – December 2018
ONR36-2019	Tax Invoice from Fencing Contractor
ONR37-2019	DPE Response – Extension of EMS Review Until March 2018 – 10 January 2018
ONR38-2019	Maximum Extraction Depth Map Approval from DPE – 3 July 2018
ONR39-2019	Development Consent – Modification 2

Table A6-1 (Cont'd)
Principal Audit Documentation Reviewed

Page 2 of 2

Ref No.	Document Name
ONR40-2019	Reporting of Water Usage 2014 – 2019
ONR41-2019	Re-appointment of CCC by DPE
ONR42-2019	DPE confirmation of Annual Review submission date
ONR43-2019	Water sampling field sheet
ONR44-2019	Pre-clearing procedure and checklist
ONR45-2019	Distribution of November 2016 CCC meeting minutes to DPE
ONR46-2019	Approved EMS distribution emails – August 2017
ONR47-2019	Approved EMS distribution – June & September 2018
ONR48-2019	Fencing contractor payment record
ONR49-2019	Biodiversity and Rehabilitation Bond calculation – September 2018
ONR50-2019	DPE Approval of Biodiversity and Rehabilitation Bond calculation
ONR51-2019	Banker's Undertaking – Biodiversity and Rehabilitation Bond
ONR52-2019	Confirmation of Biodiversity and Rehabilitation Bond exchange with DPE.
ONR53-2019	Approval of Environmental Management Strategy and components.