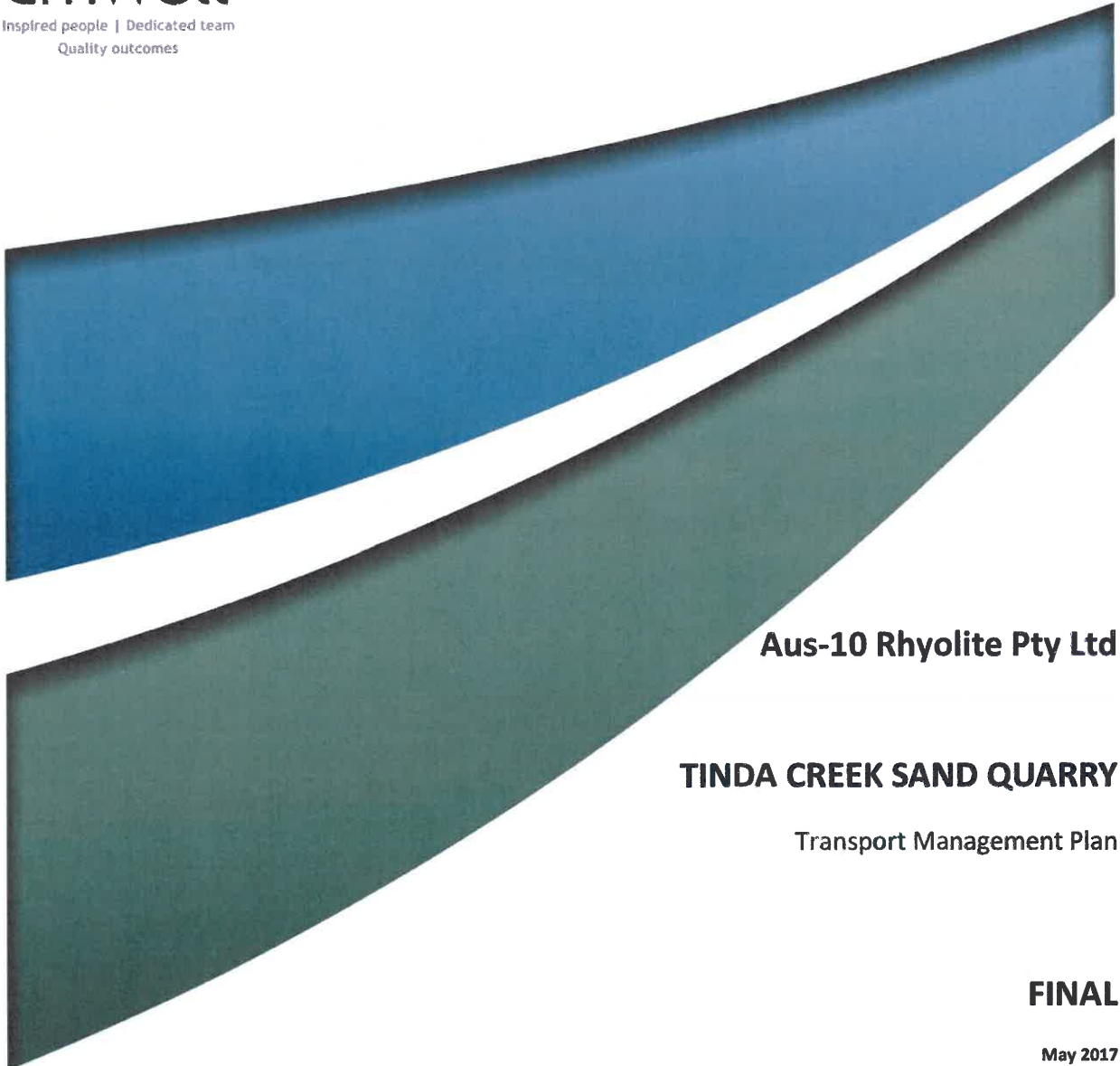


APPENDIX 6
Transport Management Plan



Aus-10 Rhyolite Pty Ltd

TINDA CREEK SAND QUARRY

Transport Management Plan

FINAL

May 2017

Aus-10 Rhyolite Pty Ltd

TINDA CREEK SAND QUARRY

Transport Management Plan

FINAL

Prepared by
Umwelt (Australia) Pty Limited
on behalf of
Aus-10 Rhyolite Pty Ltd

Project Director: **Peter Jamieson**
Report No. **1731/R35/FINAL**
Date: **May 2017**



Newcastle

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1.0 Introduction

This Transport Management Plan (TMP) for Aus-10 Rhyolite Pty Ltd t/a Hy-Tec Concrete and Aggregates (Hy-Tec) Tinda Creek Sand Quarry has been prepared in accordance with the requirements of Condition 25 of Schedule 3 of Development Consent SSD_4978.

This TMP has been developed to identify, address and effectively manage the transport aspects and impacts of the operation, including:

- transport of sand from Tinda Creek Sand Quarry
- back loading of excavated natural material (ENM) and virgin excavated natural material (VENM) to Tinda Creek Sand Quarry for incorporation in the final landform.

Condition 3 of Schedule 3 of SSD_4978 allows dispatch of product from 5 am to 10 pm Monday to Friday and 8 am to 1 pm on Saturdays. Trucks are prohibited under the Driver's Code of Conduct from queuing outside the quarry before 5 am, when the quarry gates open to enable dispatch of product.

Condition 25 of SSD_4978 states:

The applicant shall prepare and implement a Transport Management Plan for the development to the satisfaction of the Secretary. This plan must:

- (a) be prepared in consultation with RMS and Council and be submitted to the Secretary for approval by 10 December 2015, unless the Secretary agrees otherwise;
- (b) include a driver's Code of Conduct for heavy vehicle drivers; and
- (c) describe the measures that would be put in place to ensure compliance with the Drivers Code of Conduct and include a program to monitor the effectiveness of the implementation of these measures.

2.0 Objectives

The main objective of the Transport Management Plan and the accompanying Driver's Code of Conduct is to minimise the impact of Tinda Creek Sand Quarry transport operations on the environment and the members of the public and to ensure a high quality, reliable and safe service.

A copy of Hy-Tec's Driver's Code of Conduct for Tinda Creek Sand Quarry is provided as **Appendix A**.

3.0 Training and induction

Tinda Creek Sand Quarry aims to provide the necessary tools and training for its employees and contractors to enable the effective implementation of Tinda Creek Sand Quarry's management systems and to assist with the risk management process for the quarry.

A competency-based training scheme for Hy-Tec employees which deals with each of the aspects of the Driver's Code of Conduct (see **Appendix A**) will be implemented. This will include identifying minimum skills required, to ensure that these requirements are met. All employees and contractors will be required to complete a structured site induction which will involve working through and being familiar with the requirements of the Driver's Code of Conduct and ensuring they understand these requirements.

4.0 Roles and responsibilities

The Quarry Manager will be accountable for all aspects pertaining to the operations, traffic management and safety on the proposed site including ensuring that quarry staff is aware of relevant controls and safety procedures. The Quarry Manager may be contacted on (02) 4565 0257 (office).

The specific duties of the Quarry Manager include the implementation, day-to-day management and continued improvement of the TMP. This includes:

- ensuring compliance is achieved with relevant legislation and company policy by establishing and maintaining appropriate management and monitoring systems
- ensuring the management practices described in the TMP are implemented effectively
- auditing the contractors obligations as set out in the Driver's Code of Conduct
- monitoring the performance of the TMP
- regular liaison with the government, community and other stakeholders
- implementing environmental induction procedures and appropriate training for Tinda Creek Sand Quarry personnel and contractors
- reporting.

It is the responsibility of all quarry staff and contractors to comply with the regulations and procedures defined in the TMP, and to carry out their work in a way that minimises the social and the environmental impacts.

5.0 Implementation and operation

As part of implementation of the TMP, Hy-Tec will ensure that each heavy vehicle driver is considered to be and will:

- be appropriately trained and qualified
- undertake the Hy-Tec induction process
- be aware of all road rules and regulations regarding speed, load limits and driving hours
- make themselves familiar with the Personal Protection Equipment requirements for each work site and strictly adhere to them
- comply with all rules and regulations such as speed restrictions when operating on private or company property
- ensure that all loads are correctly secured or covered and sealed before entering a public road
- limit the use of the engine brakes and other noisy driving practices in built-up areas
- be aware to show courtesy to all customers and to all road users at all times
- be aware to ensure that their actions bring credit upon themselves, the company they drive for, Hy-Tec and the transport industry in general
- ensure that a site specific induction has been completed at all Hy-Tec sites annually and when requested
- comply with the Hy-Tec Driver vehicle check when requested by Hy-Tec personnel.

6.0 Monitoring of heavy vehicle drivers

Hy-Tec will regularly monitor driver performance. This will include random inspections of vehicles entering and leaving the quarry and also include reviewing any complaints that may be received in regard to a driver's actions. In accordance with the Driver's Code of Conduct all trucks transporting quarry product will have their respective company contact details clearly displayed on the vehicle.

Hy-Tec complaints line for Tinda Creek Sand Quarry is **(02) 4565 0257**.

7.0 Disciplinary action

Disciplinary action may be undertaken if drivers fail to meet the requirements set out in the Driver's Code of Conduct or Hy-Tec receives a confirmed community complaint regarding vehicle or on-road driving behaviour that is connected to the transport of sand from or ENM/VENM to Tinda Creek Sand Quarry. Hy-Tec will keep a written record of all warnings issued.

Disciplinary action can include:

- a verbal warning, including a verbal notification to your employer
- a written warning, including a written notification to your employer
- temporary or permanent dismissal from site, including a review of your employer's contract/agreement with Hy-Tec.

8.0 Reporting

In accordance with the requirements of Condition 22 of SSD 4978, Hy-Tec will keep accurate records of laden truck movements to and from the site.

In accordance with the requirements of Condition 7b) of SSD 4978, Hy-Tec will ensure that the average number of trucks entering or leaving the quarry over any calendar month does not exceed 34 in or 34 out. Records of the number of average daily truck movements will be published every six months on the quarry's website.

Hy-Tec will keep records of any complaints and any disciplinary action that may be taken. This information will be maintained for internal use.

9.0 Consultation

A copy of the Transport Management Plan and Driver's Code of Conduct was provided to Hawkesbury City Council and Roads and Maritime Services on 3 June 2016.

Senior Land Use Planner – Network/Safety of RMS responded by email on 23 June 2016 stating:

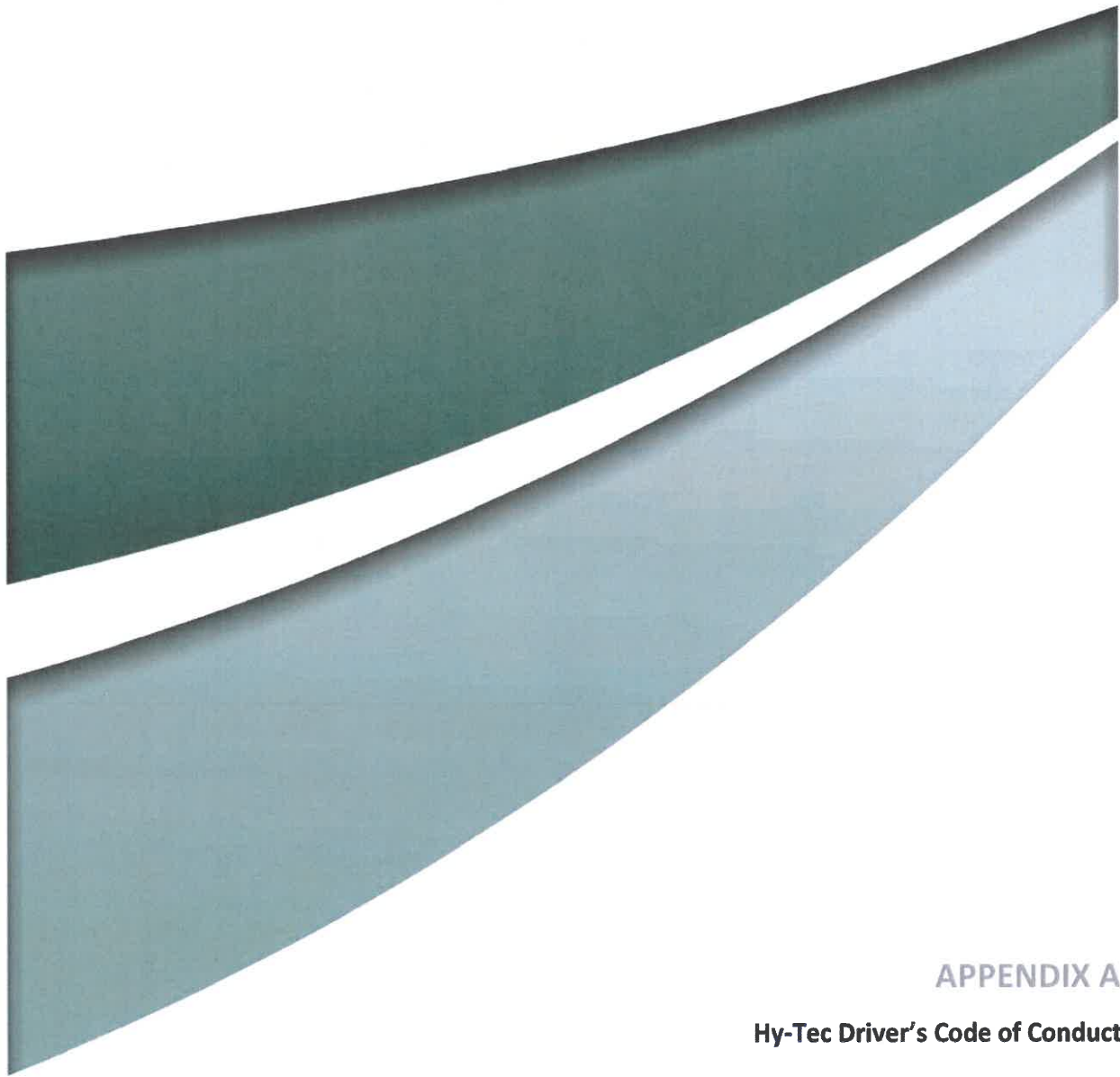
"The Transport Management Plan submitted in accordance with condition 25 is not generally required to be approved by Roads and Maritime Services. For the purposes of satisfying the conditions of development consent, Roads and Maritime Services raise no objection to the Transport Management Plan for drivers code of conduct for the internal operations of the site."

A copy of correspondence with RMS is provided in **Appendix B**.

No response has been received from Hawkesbury City Council.

10.0 References

Umwelt (Australia) Pty Limited (July 2014). Environmental Impact Statement Proposed Expansion of Tinda Creek Sand Quarry.



APPENDIX A

Hy-Tec Driver's Code of Conduct



Hy-Tec Industries Pty Ltd
ACN 070 100 702
ABN 90 070 100 702

PROCEDURE: DRIVER'S CODE OF CONDUCT
Be Professional – It's Your Job!

Applicability of Procedure

This procedure applies to all transport related activities conducted byemployees or contractors to any of Hy-Tec's Quarries located in NSW.

Objective

This Driver's Code of Conduct has been established to minimise the impact of the Austen Quarry, Hartley, Penrose Quarry, Penrose and Tinda Creek Sand Quarry, Mellong, transport operations on the environment and the members of the public and to ensure a high quality, reliable and safe service.

Process

THE DRIVER WILL:

- Have completed the Hy-Tec induction process
- comply with all road rules and regulations regarding speed, load limits and driving hours;
- make themselves familiar with the Personal Protection Equipment requirements for each work site and strictly adhere to them;
- comply with all rules and regulations such as speed restrictions when operating on private or company property;
- ensure that all loads are correctly secured and covered before entering a public road;
- limit the use of the engine brakes and other noisy driving practices in built-up areas;
- show courtesy to all customers and to all road users at all times; and
- ensure that your actions bring credit upon yourself, your Company, Hy-Tec and the transport industry in general.
- Ensure that a site specific induction has been completed at all Hy-Tec sites annually and when requested
- Comply with the Hy-Tec Driver vehicle Check when requested by Hy-Tec personnel
- Ensure laden trucks have appropriate signage, including a contact phone number, so they can be easily identified by road users
- Ensure all laden vehicles are have been cleaned off of any quarry material or other materials that may fall on the road before leaving the site
- Ensure no trucks are to queue at the entrance before 5 am



Quality System
Quality
Endorsed
Company
190 9026 14 0610 1982
Sydney Australia

HY-TEC Industries PTY. LTD.
ACN 070 100 702

SYDNEY OFFICE
Unit 4 Gateway Business Park 63-79 Parramatta Rd Silverwater NSW 2128 PO BOX 6770 SILVERWATER NSW 1811
PHONE (02) 9647 2866 FAX (02) 9647 2924

Disciplinary Action

You will face disciplinary action if you fail to meet the requirements in this Code of Conduct or Hy-Tec receives a community complaint regarding your driving or vehicle. Disciplinary action can include a verbal warning, a written warning, temporary or permanent dismissal from the site and/or termination of any contract/agreement with Hy-Tec.

Transport Company	
Driver's Name (please print)	
Driver's Signature	
Date	



HY-TEC Industries PTY. LTD.
ACN 070 100 702

SYDNEY OFFICE
Unit 4 Gateway Business Park 63-79 Parramatta Rd Silverwater NSW 2128 PO BOX 6770 SILVERWATER NSW 1811
PHONE (02) 9647 2866 FAX (02) 9647 2924



APPENDIX B

Consultation with RMS and HCC

Frances Davies

From: MALLOCH Angela <Angela.MALLOCH@rms.nsw.gov.au>
Sent: Thursday, 23 June 2016 5:29 PM
To: Peter Jamieson
Subject: 20160623 RMS Response: Transport Management Plan and Drivers Code of Conduct document
Attachments: 1731_R35_Transport Management Plan_V1.pdf

Hi Peter,

The Transport Management Plan submitted in accordance with condition 25 is not generally required to be approved by Roads and Maritime Services. For the purposes of satisfying the conditions of development consent, Roads and Maritime Services raise no objection to the Transport Management Plan for drivers code of conduct for the internal operations of the site.

Regards,

Angela Malloch
Senior Land Use Planner | Network & Safety
T 02 8849 2041
www.rms.nsw.gov.au
Every journey matters

Roads and Maritime Services
Level 5, 27 Argyle Street Parramatta NSW 2150

From: Peter Jamieson [<mailto:pjamieson@umwelt.com.au>]
Sent: Monday, 6 June 2016 12:19 PM
To: JEGATHESAN Jana
Subject: 1731C- Transport Management Plan and Drivers Code of Conduct document

Jana,

In accordance with the requirements of Condition 25 of development consent SSD 4978, please find attached Transport Management Plan including Drivers Code of Conduct for Tinda Creek Sand Quarry for your review and comment.

Can you please provide and comments you may have in regard to this.

Please don't hesitate to call me on 0249505322 if you would like to discuss this further.

Regards
Peter Jamieson
Director

Umwelt (Australia) Pty Limited
75 York Street
Teralba, NSW 2284

Phone: (02) 4950 5322
Mobile: 0417 675 377

www.umwelt.com.au

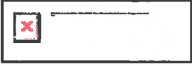
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Newcastle ph. 02 4950 5322 | Perth ph. 08 6260 0700 | Canberra ph. 02 6262 9484 | Sydney ph. 1300 793 267 |
Brisbane ph. 1300 793 267

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From: [Peter Jamieson](#)
To: ["matthew.owens@hawkesbury.nsw.gov.au" \(matthew.owens@hawkesbury.nsw.gov.au\)](mailto:matthew.owens@hawkesbury.nsw.gov.au)
Cc: Genevieve.Seed@planning.nsw.gov.au
Subject: 1731C- Transport Management Plan and Drivers Code of Conduct document
Date: Thursday, 23 June 2016 1:39:00 PM

Matt,

Do you have any comments on the Transport Management Plan for Tinda Creek Sand Quarry we send you on 3 June 2016.

Regards

Peter Jamieson
Director

Umwelt (Australia) Pty Limited
75 York Street
Teralba, NSW 2284

Phone: (02) 4950 5322
Mobile: 0417 675 377

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From: Peter Jamieson
Sent: Friday, 3 June 2016 11:43
To: 'matthew.owens@hawkesbury.nsw.gov.au' (matthew.owens@hawkesbury.nsw.gov.au); 'owen.hodgson@rms.nsw.gov.au'
Subject: 1731C- Transport Management Plan and Drivers Code of Conduct document

Matt and Owen,

In accordance with the requirements of Condition 25 of development consent SSD 4978, please find attached Transport Management Plan including Drivers Code of Conduct for Tinda Creek Sand Quarry for your review and comment.

Can you please provide and comments you may have in regard to this.

Please don't hesitate to call me on 0249505322 if you would like to discuss this further.

Regards
Peter Jamieson
Director

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75 York Street
Teralba, NSW 2284

Phone: (02) 4950 5322
Mobile: 0417 675 377

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