

APPENDIX 7

VISUAL IMPACT MANAGEMENT PLAN

LUNDSTROM ENVIRONMENTAL

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LOT 5 OLD COAST ROAD REVISED VISUAL MANAGEMENT PLAN (REV 1)

1. INTRODUCTION AND BACKGROUND

The purpose of this document is to describe the measures that are proposed by Carbone Bros Pty Ltd to deal with any potential negative visual impacts that might arise from the proposed 11.3ha extension of the limestone pit on Lot 5 Old Coast Road.

The background to this proposed pit extension is as follows:

- A clearing application was made to the Department of Environment and Conservation (DEC) in 2010 and after inspection by one of the field officers, a Decision Report was written that indicated that they would most likely approve the clearing should the pit extension be approved by the Shire.
- The application for an extractive industries licence (EIL) over the full 11.3ha was submitted to the Shire of Harvey in 2010 and Planning Consent (PC) only was given for a much reduced area of 2.2ha.
- Carbone Bros appealed the decision of the Shire of Harvey through the State Administrative Tribunal (SAT). Through the subsequent mediation process the Shire of Harvey agreed to approve the larger area of 11.3 ha if the referral, in terms of the EPBC Act to the Federal Department of Sustainability, Environment, Water, Population and Communities (SEWPaC), was determined not to be a controlled action.
- The SEWPaC referral process was initiated and has resulted in a decision being made that the project is "Not a Controlled Action if undertaken in a particular manner".
- At a SAT mediation session on 19th April, Lundstrom Environmental was requested to provide further detail on initial visual management proposals. This document details these proposals

2. VISUAL MANAGEMENT PLAN

Carbone Bros proposes to undertake the following measures to mitigate potential negative visual impacts that might be associated with the proposed 11.3ha pit:

- Clearing and extraction will be in 3 Stages of 3.7ha with performance based extensions controlled by Shire (Figure 1).
- Progress of extraction and clearing will be controlled to allow time for planted visual buffers to develop.
- Stockpiles will be kept below the top edge of the pit (Figure 2).

- To link up with the trees to be planted by Ivankovich Farms (for shed screening purposes), Carbone Bros will plant an additional tree buffer that extends to the southern boundary of the property (Figure 1). Carbone Bros will liaise with Ivankovich farms to ensure that all trees are planted during winter 2013.
- All trees to be planted will be endemic to the area and will comprise mainly tuarts and peppermints. The detailed layout of these trees is illustrated in Figure 3.

3. TREE SCREEN PLANTING AND MAINTENANCE

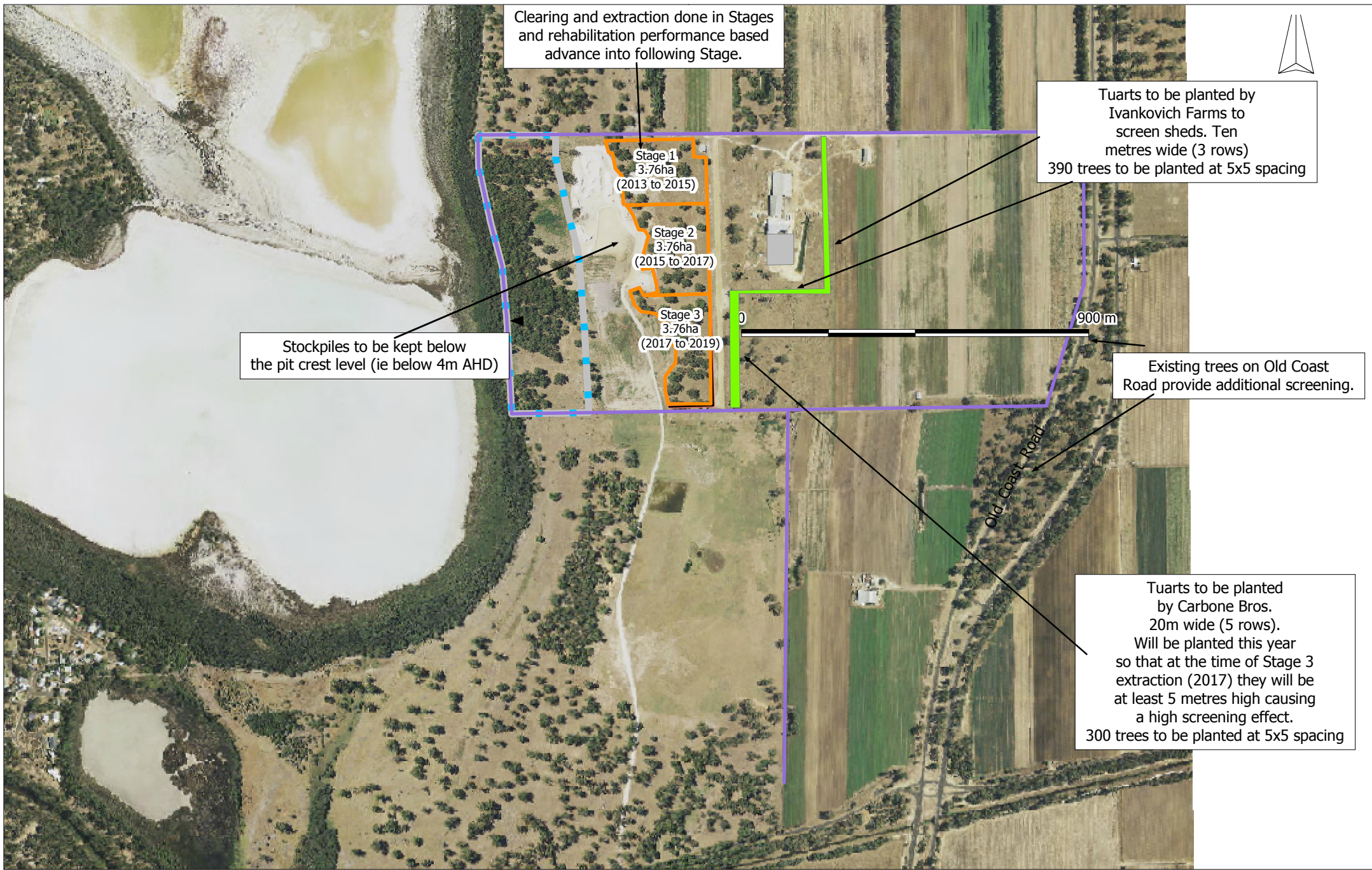
The following points describe the actions that will be taken by Carbone Bros to ensure that tree planting is in accordance with a program that will result in the survival of the trees and that a significant screening effect be achieved as quickly as possible.

- Ground preparation and initial weed management will occur as soon as final approval for the project is achieved.
- Once the ground is sufficiently moist after initial rain this year, landscape contractors will be employed to undertake the tree planting as illustrated in Figure 3.
- Plantings will be monitored on a weekly basis within the first 6 weeks after planting and any dead plants will be replaced immediately.
- Weed management will be undertaken by an experienced contractor with appropriate weed management measures being undertaken at least twice a year in spring and autumn.
- Success criteria for these plantings will be a 90% survival rate at the end of winter 2013, with all dead trees being replaced the following wet season. In this manner it is planned to achieve a 100% survival rate after 4 years. After this period an attrition process will be allowed to achieve a more natural density whilst still maintaining a successful vegetation screen over the long term.
- Carbone Bros will maintain and manage the tree screen over the full period that they are active on the property, after which the trees will be large enough to be self maintaining.



Michael Lundstrom (MSc)
Principal Consultant
19th April 2013

Figures 1, 2 and 3 attached



Clearing and extraction done in Stages and rehabilitation performance based advance into following Stage.

Stage 1
3.76ha
(2013 to 2015)

Stage 2
3.76ha
(2015 to 2017)

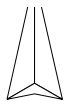
Stage 3
3.76ha
(2017 to 2019)

Stockpiles to be kept below the pit crest level (ie below 4m AHD)

Tuarts to be planted by Ivankovich Farms to screen sheds. Ten metres wide (3 rows) 390 trees to be planted at 5x5 spacing

Existing trees on Old Coast Road provide additional screening.

Tuarts to be planted by Carbone Bros. 20m wide (5 rows). Will be planted this year so that at the time of Stage 3 extraction (2017) they will be at least 5 metres high causing a high screening effect. 300 trees to be planted at 5x5 spacing



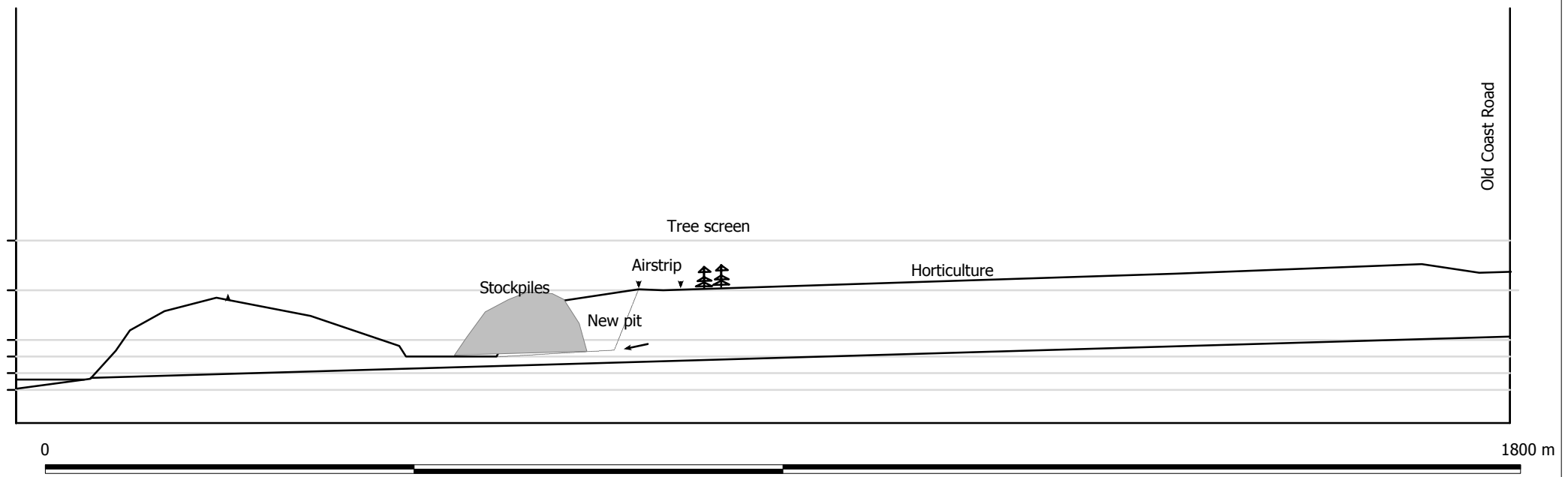
CARBONE BROS PTY LTD
Lot 5 Old Coast Rd, Myalup
Limestone Extraction

Visual Impact Management Plan

Figure 1

Lundstrom Environmental
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Scale: 1:12000
Original Size: A4
Air Photo Date: March 2012
Datum: Australian Geocentric 1994 (GDA94)



Lundstrom Environmental

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Scale: 1:6900
Original Size: A4
Air Photo Date: March 2012
Datum: Australian Geocentric 1994 (GDA94)

CARBONE BROS PTY LTD

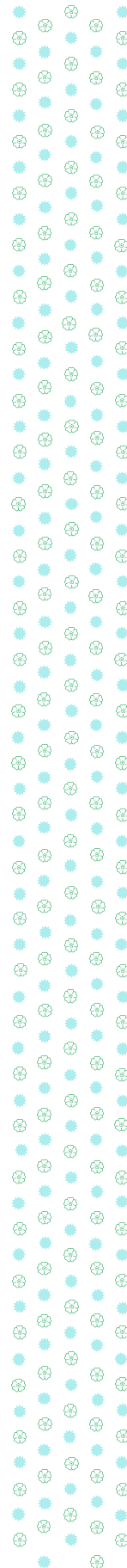
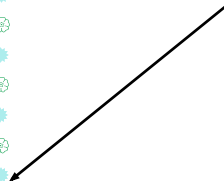
**Lot 5 Old Coast Rd, Myalup
Limestone Extraction**

Cross section Through Property

Figure 2



Proposed tree screen.
Dimensions 300 x 20m.
Comprising 300 trees at
5m spacing. Tuart and Peppermint
trees placed in alternating pattern.



PROPOSED EXTRACTIVE INDUSTRY

AIRFIELD

20m
setback

Property boundary

0 100 m

Lundstrom Environmental

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Datum: Australian Geocentric 1994 (GDA94)

Carbone Bros Pty Ltd
Lot 5 Old Coast Road
MYALUP

Proposed Tree Screen

Figure 3