



**DONALDSON COAL**

Part of the Yancoal Australia Group  
ABN: 87 073 088 945


# Annual Review

## Tasman Extension Project

1 July 2017 – 30 June 2018

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## TITLE BLOCK

<b>Name of Operation</b>	Tasman Extension Project
<b>Name of Operator</b>	Donaldson Coal Pty Ltd
<b>Development consent / project approval #</b>	SSD-4962
<b>Name of holder of development consent / project approval</b>	Donaldson Coal Pty Ltd
<b>Mining Lease #</b>	ML1756 and ML 1703
<b>Name of holder of mining lease</b>	Donaldson Coal Pty Ltd
<b>Water licence #</b>	N/A
<b>Name of holder of water licence</b>	Donaldson Coal Pty Ltd
<b>MOP/RMP start date</b>	Yet to be Developed
<b>MOP/RMP end date</b>	
<b>Annual Review start date</b>	01/07/2017
<b>Annual Review end date</b>	30/06/2018
<p>I, Phillip Brown, certify that this audit report is a true and accurate record of the compliance status of the Tasman Extension Project for the period 1 July 2017 to 30 June 2018 and that I am authorised to make this statement of behalf of Newcastle Coal Company Pty Ltd.</p> <p><i>Note.</i></p> <p>a) <i>The Annual Review is an 'environmental audit' for the purposes of section 122B(2) of the Environmental Planning and Assessment Act 1979. Section 122E provides that a person must not include false or misleading information (or provide information for inclusion in) an audit report produced to the Minister in connection with an environmental audit if the person knows that the information is false or misleading in a material respect. The maximum penalty is, in the case of a corporation, \$1 million and for an individual, \$250,000.</i></p>	
<b>Name of authorised reporting officer</b>	Phillip Brown
<b>Title of authorised reporting officer</b>	Environment and Community Superintendent
<b>Signature of authorised reporting officer</b>	
<b>Date</b>	12/11/2018



# CONTENTS

	<b>Page</b>
<b>Title Block .....</b>	<b>III</b>
<b>1. Statement Of Compliance .....</b>	<b>7</b>
<b>2. Introduction .....</b>	<b>7</b>
2.1 Overview Of Operations .....	7
2.2 Scope And Format .....	7
2.3 Key Personnel Contact Details.....	9
<b>3. Approvals .....</b>	<b>10</b>
<b>4. Operations Summary .....</b>	<b>10</b>
4.1 Mining Operations.....	10
4.2 Other Operations During The Reporting Period.....	11
4.3 Next Reporting Period .....	11
<b>5. Actions Required From Previous Annual Review .....</b>	<b>12</b>
<b>6. Environmental Performance .....</b>	<b>12</b>
6.1 Summary Of Environmental Performance .....	12
6.2 Meteorological Monitoring .....	13
6.3 Noise.....	13
6.4 Blasting .....	13
6.5 Air Quality.....	14
6.6 Biodiversity.....	14
6.7 Heritage.....	14
6.8 Subsidence .....	14
6.9 Waste Management.....	14
<b>7. Water Management .....</b>	<b>15</b>
<b>8. Rehabilitation.....</b>	<b>15</b>
8.1 Rehabilitation Performance During The Reporting Period.....	15
8.2 Actions For The Next Reporting Period .....	15
<b>9. Community .....</b>	<b>15</b>
9.1 Community Complaints.....	15
9.2 Community Liasion .....	15

# CONTENTS

	<b>Page</b>
10. Independent Audit .....	16
11. Incidents And Non-Compliances During The Reporting Period .....	16
12. Activities To Be Completed In The Next Reporting Period .....	16

## FIGURES

Figure 2.1 Locality Plan .....	8
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## TABLES

Table 1.1 Statement of Compliance .....	7
Table 2.1 Site Personnel .....	9
Table 2.2 Contact Details .....	9
Table 3.1 Tasman Extension Project – Approvals, Leases and Licences .....	10
Table 4.1 Production Summary .....	10
Table 6.1 Environmental performance .....	12
Table 6.2 Monthly Rainfall .....	13
Table 8.1 Rehabilitation Summary .....	15

## 1. STATEMENT OF COMPLIANCE

Compliance to relevant approvals was reviewed for the reporting period and is summarised in Table 1.1. It was determined that there were no non-compliances during the reporting period.

**Table 1.1 Statement of Compliance**

Were all conditions of the relevant approval(s) complied with?	Yes / No
Project Approval SSD-4962	Yes
Mining Lease 1703	Yes
Mining Lease 1756	Yes

## 2. INTRODUCTION

### 2.1 OVERVIEW OF OPERATIONS

This Annual Review for the Tasman Extension Project has been compiled by Newcastle Coal Company Pty Ltd (the "Company"). Newcastle Coal Company Pty Ltd is a wholly owned subsidiary of Donaldson Coal Pty Ltd that is part of Yancoal Australia Limited.

The Tasman Extension Project was approved by the NSW Department of Planning and Environment on the 18<sup>th</sup> March 2013 with Project Approval SSD-4962 issued. Since the issuing of this Project Approval, through to the end of the reporting period, no mining related activities have occurred with the site remaining undeveloped.

During the reporting period, the company commenced engineering and environmental assessment works to further inform the design of elements of the new pit top facility.

The original Tasman underground coal operated and produced coal between 2006 and 2013 and is located east of the Tasman Extension Project. Mining ceased in 2013 and the site was fully rehabilitated soon after.

### 2.2 SCOPE AND FORMAT

This is the second Annual Review submitted for the project, and is applicable for the period 1 July 2017 to 30 June 2018 ("the reporting period").

The Tasman Underground Coal Mine has surrendered its Development Consent although continues to provide Annual Returns post mining and site rehabilitation as required by Mining Lease 1555. Relevant environmental monitoring for the Tasman Underground Coal Mine may be relevant to the Tasman Extension Project.

This Annual Review generally follows the format and content requirements identified in the Annual Review Guideline dated October 2015.

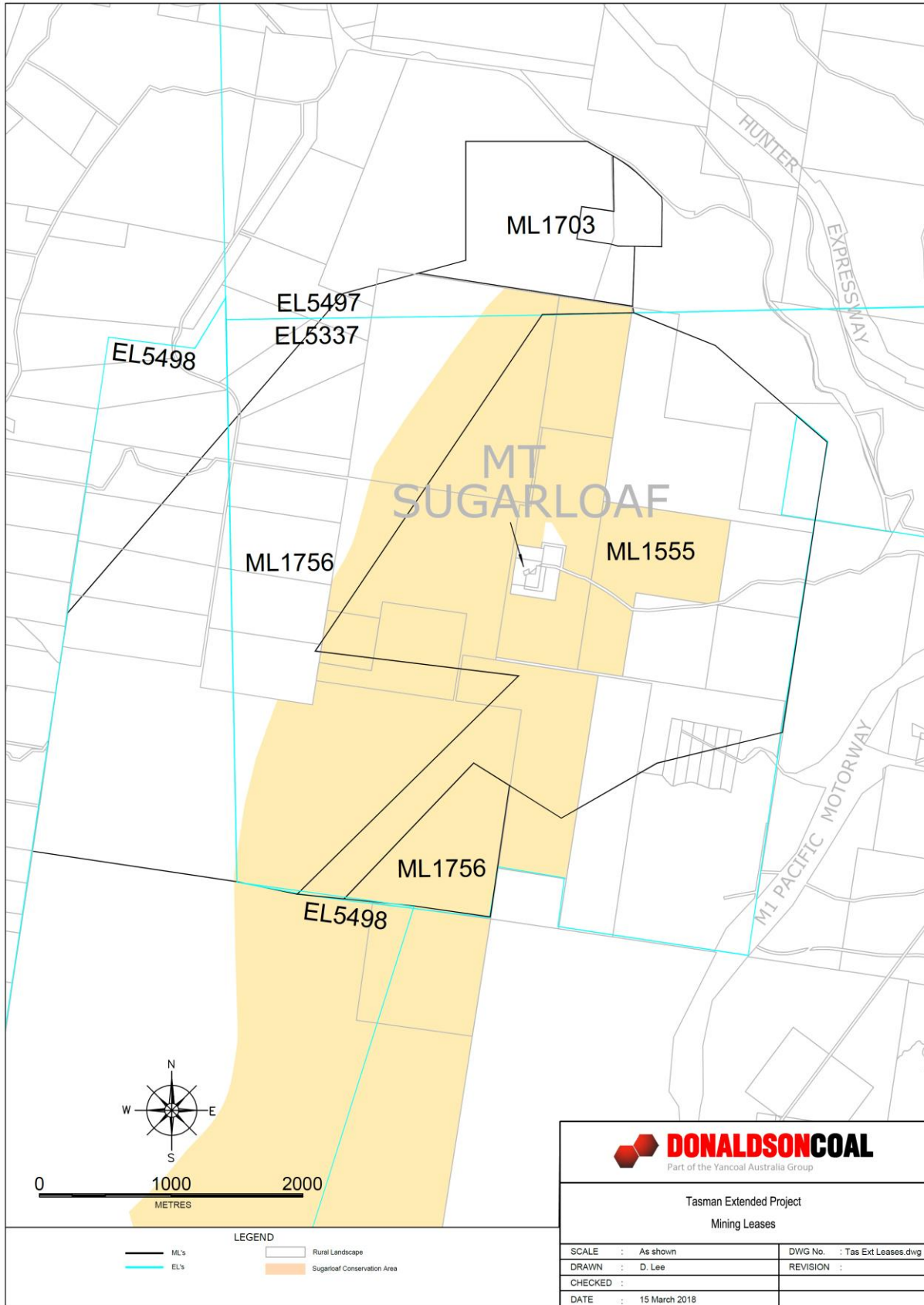


Figure 2.1 Locality Plan



### 2.3 KEY PERSONNEL CONTACT DETAILS

Newcastle Coal Company Pty Ltd (NCCPL) owns the Tasman Extension Project and is the holder of the current mining lease. **Table 2.1** outlines the site personnel responsible for the various aspects of the project during the reporting period.

**Table 2.1 Site Personnel**

Position	Site Personnel
Project Manager, Tasman Extension Project	Mr Craig Sparks
Environment and Community Superintendent, Tasman Extension Project	Mr Phillip Brown

The following contacts are for the Tasman Extension Project Manager, Mr Craig Sparks, and the Environment and Community Superintendent, Mr Phillip Brown.

**Table 2.2 Contact Details**

Postal Address	PO Box 1613 Newcastle, NSW, 2300
Phone:	Craig Sparks (02) 4925 8100 Phillip Brown 0439 909 952
e-mail:	donaldson@doncoal.com.au
Internet:	www.doncoal.com.au

### 3. APPROVALS

**Table 3.1** provides a current list of statutory instruments in effect, including the date of grant of all leases, subleases, consents, approvals and licenses.

**Table 3.1 Tasman Extension Project – Approvals, Leases and Licences**

Consent/Lease/Licence	Issue Date	Expiry Date	Details / Comments
Project Approval SSD-4962	18 March 2013	31 December 2029	Granted by the (then) Minister for Planning. No Modifications granted. Expiry relevant only for mining operations.
Mining Lease ML 1703	9 December 2014	9 December 2035	Granted by the Minister for Resources. Incorporates 156.6ha.
Mining Lease ML 1756	30 June 2017	30 June 2038	Granted by the Minister for Resources. Incorporates 1078ha.
Exploration Licence EL 5498	2 March 2017	23 July 2019	Granted by the Minister for Resources.

It is noted that this Annual Review has been prepared to fulfil the annual reporting requirements of Project Approval SSD-4962, ML 1703 and ML 1756. It does not cover the mining leases or licences for the Tasman Underground Coal Mine.

A separate Annual Report has been submitted for Exploration Licence 5498.

### 4. OPERATIONS SUMMARY

#### 4.1 MINING OPERATIONS

Development of the mining operation is yet to occur for the Tasman Extension Project. No coal mining was undertaken during the reporting period or is planned during the next reporting period. **Table 4.1** presents a summary of the production statistics.

**Table 4.1 Production Summary**

Material	Approved limit (specify source)	Previous reporting period (actual)	This reporting period (actual)	Next reporting period (forecast)
Waste Rock / Overburden	None Specified	0	0	0
ROM Coal / Ore	1 500 000 PA SSD-4962	0	0	0
Coarse Reject	None Specified	0	0	0
Fine Reject (Tailings)	None Specified	0	0	0
Saleable Product	None Specified	0	0	0

## 4.2 OTHER OPERATIONS DURING THE REPORTING PERIOD

During the reporting period, no exploration drilling, land preparation or construction activities were undertaken.

NCCPL did commenced engineering and environmental works to further determine the detailed design of elements of the new pit top facility. These works included minor physical works that comprised of;

- geotechnical investigations, involving small test pits and shallow geotechnical drill holes, to inform designs and costing for the proposed box cut, coal stockpile and dams;
- survey work to identify and inform the locations and relative elevations for elements of the new pit top facility;
- progression of engineering design work and a cost estimate for the new pit-top; and
- ecological surveys by a botanist to map the current distribution and extent of *Rutidosis heterogama* present on site to: identify any changes since the previous survey conducted in 2011; inform the development of a translocation program (required under Condition 21, Schedule 4 of the consent); and understand the timing and cost requirements of the translocation.

There has been no coal processing or transportation activities undertaken at the project.

Environmental monitoring for the nearby rehabilitated Tasman Underground Coal Mine occurred throughout the reporting period including surface water, ground water, flora and fauna and rehabilitation monitoring. Results of this monitoring is provided in the Tasman Underground Coal Mine Annual Review and may be relevant as further baseline data to the Tasman Extension Project.

During the period, there was a quantity of illegally dumped waste material that was removed from site and taken to a licenced waste facility by a licenced waste contractor. This waste composed of material generated by historical illegal dumping of waste. Continued efforts to restrict illegal access occurred during the reporting period.

## 4.3 NEXT REPORTING PERIOD

There are no mining operations proposed in the next reporting period. Activities proposed for the 2018/19 reporting period are limited to further engineering design work for the new pit top and environmental inspections of the area.

### Exploration

The Company currently does not intend to undertake any exploration drilling within ML1703 or ML1756 during the 2018/19 reporting period.

### Mining

No mining is currently planned to be undertaken during the 2018/19 reporting period.

### Rehabilitation

No specific rehabilitation activities are currently planned for the 2018/19 reporting period.

**Monitoring**

The following monitoring will be undertaken during the next reporting period.

- Meteorological – the on-site meteorological station at the Abel Mine will be used to collect meteorological data.

**Community Consultation and Liaison**

A Community Consultative Committee (CCC) is yet to be established for the Tasman Extension Project. During the reporting period, Yancoal sought and gained approval to defer the establishment of a CCC until commencement of project construction activities.

**5. ACTIONS REQUIRED FROM PREVIOUS ANNUAL REVIEW**

There were no actions that were required from the review of the 2016/17 Annual Review.

**6. ENVIRONMENTAL PERFORMANCE****6.1 SUMMARY OF ENVIRONMENTAL PERFORMANCE**

A summary of environmental performance for the principal environmental aspects is provided in **Table 6.1**. As no surface disturbance or mining related activities have occurred for the project, environmental monitoring. There have been no environmental management plans developed for the Tasman Extension Project, therefore compliance with management plans will not be reported.

**Table 6.1 Environmental performance**

Aspect	Approval criteria / EIS prediction	Performance during the reporting period	Trend/key management implications	Implemented/proposed management actions
Noise	No exceedance of applicable noise criteria.	No noise was generated. No complaints received.	No trends or management implications to date	No additional management action required.
Blasting	No exceedance of applicable blast criteria.	No blasting activities occurred. No complaints. received.	No trends or management implications to date	No additional management action required.
Air Quality	No exceedances of applicable air quality criteria.	No dust generation activities occurred.	No trends or management implications to date	No additional management action required.
Biodiversity	No significant impacts upon flora, fauna species, populations, communities or habitat.	No impacts upon flora, fauna species.	No trends or management implications to date	No additional management action required.

Heritage	Management in accordance with approved Aboriginal Heritage Management Plan.	No heritage items undermined during the reporting period. No subsidence impacts.	No trends or management implications to date	No additional management action required.
Subsidence	Subsidence management in accordance with approved Subsidence management Plan / Extraction Plan.	No subsidence occurred from mining related activities. A subsidence management plan has not been completed	No trends or management implications to date	No additional management action required.

## 6.2 METEOROLOGICAL MONITORING

Meteorological monitoring is conducted at the Abel mine sites weather station, approximately 8km from the Tasman Extension Project. Parameters that are monitored include temperature, wind and rainfall.

**Table 6.2** provides monthly rainfall results since 2013 when the Development Consent was issued.

**Table 6.2 Monthly Rainfall**

Period	Monthly Rainfall (mm)												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	
2013	166.7	226.6	97.9	89.4	60.9	96.5	11.2	9.7	21.2	49.5	261.8	2.6	1094.0
2014	15.6	108.3	112.8	99.3	44.3	31.4	24.6	104.0	42.4	55.0	38.4	133.4	809.5
2015	167.0	48.0	73.3	412.0	89.4	44.6	17.9	30.6	56.8	89.0	69.8	103.8	1202.2
2016	430.8	26.0	52.0	31.8	13.4	113.0	44.2	74.2	60.0	43.8	33.2	58.6	981.0
2017	66.9	71.7	150.4	94.5	12.7	128.5	<b>3.2</b>	<b>6</b>	<b>12.6</b>	<b>77.7</b>	<b>44.2</b>	<b>49.3</b>	<b>717.7</b>
2018	<b>6.6</b>	<b>120</b>	<b>191.</b>	<b>52.8</b>	<b>7</b>	<b>107.4</b>							485.6
Average	70.0	105.2	115.4	106.6	62.5	84.5	39.8	35.7	50.5	55.2	91.2	56.2	894.3
Note: Results relevant to this reporting period are in bold. Average is long term average for the Abel Mine Site													

Total rainfall during the reporting period was 678.6mm, 215.7mm below the average annual rainfall.

## 6.3 NOISE

No noise monitoring was undertaken for this development during the reporting period. As no mine-related activities occurred in the project area, noise was not generated by any sources.

## 6.4 BLASTING

No blasting was undertaken during the reporting period.

## **6.5 AIR QUALITY**

The Tasman Extension Project remained undisturbed throughout the reporting period. No mining related activities occurred within the project area that could impact the air quality of the surrounding environment. No air quality monitoring occurred for this project and no specific air quality measurement measures were required.

An 'Air Quality and Greenhouse Gas Management Plan' as required by Condition 14 of Schedule 4 in the Development Consent will be developed prior to commencement of construction activities. Until this management plan has been developed, no specific air quality monitoring will be conducted for this project.

## **6.6 BIODIVERSITY**

Limited biodiversity monitoring was conducted for the project within the reporting period. Due to minor geotechnical works on the site, an ecological assessment was conducted in December 2017 to review the impact of the geotechnical works on the sites flora and fauna. In particular, impact to *Rutidosis heterogama* and *Tetratheca juncea* was assessed.

Due to limited ground disturbance and geotechnical review sites being placed in open areas without the need to impact any trees or shrubs, the ecological review determined that there would be no impact expected on threatened fauna or ecological communities.

A 'Biodiversity Management Plan' as required by Condition 22 of Schedule 4 in the Development Consent will be developed prior to commencement of construction activities. Until this management plan has been developed, no specific biodiversity monitoring will be scheduled for this project.

## **6.7 HERITAGE**

No disturbance activities within the vicinity of identified heritage sites occurred within the project area during the reporting period, resulting in no impacts to the identified heritage sites. Aboriginal cultural heritage will be managed by an Aboriginal Cultural Heritage Management Plan as required under Condition 25 of Schedule 4 in the Development Consent that will be written prior to commencement of construction activities. Until such times, identified heritage sites will be protected by the restriction of vehicular access within the project area.

## **6.8 SUBSIDENCE**

There have been no activities conducted for the Tasman Extension Project that could lead to the occurrence of subsidence. There has been no mining within the project area. Subsidence monitoring and management will commence following the approval of an Extraction Plan in accordance with Condition 4 of Schedule 3 in the Development Consent.

## **6.9 WASTE MANAGEMENT**

The project area remains undisturbed with no waste generation activities occurring during the reporting period.

A small amount of waste illegally dumped prior to this reporting period was removed from the site. This waste was removed by JR Richards and taken to a licenced waste facility.

## 7. WATER MANAGEMENT

Since the issuing of the Development Consent in March 2013, there has been no disturbance activities for the Tasman Extension Project that would impact upon waters in the surrounding environment. Water generation or usage activities have not occurred during the reporting period. There are no water licenses or discharge approvals in place for this project.

A Water Management Plan is required by Condition 18 of Schedule 4 in the Development Consent and will be developed prior to commencement of construction activities. Until this management plan has been developed, no specific water monitoring or management will be scheduled for this project.

There was no water related incidents or non-compliances during the reporting period.

## 8. REHABILITATION

### 8.1 REHABILITATION PERFORMANCE DURING THE REPORTING PERIOD

There has been negligible disturbance activities conducted by the Tasman Extension project. This has resulted in minor rehabilitation activities being required during the period. In locations where geotechnical testing was conducted, minor remediation of small areas (5m<sup>2</sup>) was conducted. **Table 8.1** provides a summary of rehabilitation for the reporting period. A Mining Operations Plan is not yet required for the site.

**Table 8.1 Rehabilitation Summary**

Mine Area Type	Previous Reporting Period (Actual)	This Reporting Period (Actual)	Next Reporting Period (Forecast)
	2016/17 (ha)	2017/18 (ha)	2018/19 (ha)
Total mine footprint	0	0	0
Total active disturbance	0	0	0
Land being prepared for rehabilitation	0	0	0
Land under active rehabilitation	0	0	0
Completed rehabilitation	0	0	0
Notes: Nil			

### 8.2 ACTIONS FOR THE NEXT REPORTING PERIOD

As no disturbance is proposed or existing within the Tasman Extension site, there are no rehabilitation related actions proposed in the next reporting period.

## 9. COMMUNITY

### 9.1 COMMUNITY COMPLAINTS

No complaints were received during the reporting period for the Tasman Extension Project. There has been no community complaints relating to this project since the Development Consent was issued.

### 9.2 COMMUNITY LIASION

During the reporting period, there was no requirement for community liaison regarding this project. As no development has occurred, a Community Consultative Committee is yet to be established.

**10. INDEPENDENT AUDIT**

There have been no independent audits conducted on this project since the issuing of the Development Consent. The first independent audit will be conducted within 12 months of the commencement of construction of the New Pit-Top in accordance with Development Consent SSD-4962.

**11. INCIDENTS AND NON-COMPLIANCES DURING THE REPORTING PERIOD**

There have been no incidents or non-compliances of any kind relating to the Tasman Extension Project. Compliance with Project Approval SSD-4962, ML 1703 and ML 1756 was assessed during this annual review.

**12. ACTIVITIES TO BE COMPLETED IN THE NEXT REPORTING PERIOD**

There are no activities scheduled to be conducted on the Tasman Extension site in the next reporting period. Regular inspections of the site to monitor access points and ensure unauthorised access is restricted will continue into the 2019.