



Approval EPBC 2012 / 6393

South Deposit Tailings Storage Facility

Savage River

EPBC Compliance Report July 2022 to June 2023

**Table of Contents**

1.0 Key Definitions ..... 3

1.1 Introduction ..... 4

1.2 Condition 16 (a)..... 5

1.3 Condition 16 (b) ..... 12

1.4 Condition 16 (c)..... 12

1.5 Condition 16 (d) ..... 12

**Document Control Table**

Document Details	EPBC Compliance Report 2023			
Document Version	Date	Description	Author	Reviewed/Approved
Version 1	October 2023	2023 Report	Grange Environment Department	Grange Management



## 1.0 KEY DEFINITIONS

**DCCEEW** – Department of Climate Change, Energy, the Environment and Water

**DFTD** – Devil Facial Tumour Disease

**DPIPWE** – Department of Primary Industries, Parks, Water and Environment (Tasmania)

**EMPC Act** - means the *Environmental Management and Pollution Control Act 1994*.

**EPBC Act** – means the Environment Protection and Biodiversity Conservation Act 1999

**EPA** – the Tasmanian Environmental Protection Authority

**EPN** - means an Environment Protection Notice (as defined in the Environmental Management and Pollution Control Act 1994).

**MNES** – means Matters of National Environmental Significance.

**NEPM** - means a National Environment Protection Measure within the meaning of the *National Environment Protection Council (Tasmania) Act 1995*.

**The Minister** – means the Federal Environment Minister.

## 1.1 INTRODUCTION

Grange Resources (Tasmania) Pty Ltd (Grange) was issued EPBC approval 2012/6393 on 24 April 2014.

Grange Resources commenced construction of the South Deposit Tailings Storage Facility (SDTSF) during July 2014 under *PCE 8808* and Approval *EPBC 2012/6393* under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).

The contents of this report should not be used for any other purpose including Rights to Information requests without the express written permission of Grange Resources (Tasmania) Pty Ltd.

Water chemistry analyses were carried out by Analytical Services Tasmania (AST) laboratories. Online monitoring stations are installed and maintained by Entura.

The Reporting Period is **1<sup>st</sup> July 2022 – 30<sup>th</sup> June 2023**.

The Annual Compliance Review has been prepared in line with the requirements of **Condition 16** of Department of Climate Change, Energy, the Environment and Water (DCCEEW) Approval EPBC 2012/6393 as per permit extract from EPBC approval below:

*16. Within three (3) months of every twelve (12) month anniversary of **commencement** of the action until **completion** of the action, the approval holder must publish on their website, and provide **the Department** with, a report addressing compliance with these conditions of approvals since the previous compliance report, including but not limited to the following:*

- a) an extract for the reporting period of the EPBC species register established under Condition 8*
- b) details of progress against all actions and payments (including documentary evidence) required under these conditions*
- c) information on compliance (and non-compliance) with any management documents required under these conditions of approval*
- d) details of any other incidences of non-compliance with these conditions along with any associated remedial action undertaken, underway or proposed.*

## 1.2 CONDITION 16 (A)

The extract below shows Grange's EPBC species register established under Condition 8 for the reporting period. Note each month has been delineated.

Date	Time	Location	Species	Report Type	Comments
10/07/2022	04:41am	Main Creek below South Deposit	Tasmanian Devil	Sighting	Healthy devil captured on wildlife cam
16/07/2022	05:38am	Little Duffer Creek	Tasmanian Devil	Sighting	Healthy devil captured on wildlife cam
18/07/2022	08:00am	North Pit	Tasmania Wedge Tail Eagle	Sighting	Eagle flying around crib hit stockpile
24/07/2022	04:39am	Little Duffer Creek	Tasmanian Devil	Sighting	Healthy devil captured on wildlife cam
24/07/2022	8:30am	Centre Pit	Tasmanian Wedge-Tailed Eagle	Sighting	Eagle flying over Centre Pit
25/7/2022	3:43am	Little Duffer Creek	Tasmanian Devil	Sighting	Healthy devil captured on wildlife cam
26/07/2022	2:20am	Main Creek below South Deposit	Tasmanian Devil	Sighting	Healthy devil captured on wildlife cam
28/07/2022	11:51am	Mill	Tasmanian Wedge-Tailed Eagle	Sighting	Eagle flying over Workshop
28/07/2022	12:34pm	North Pit	Tasmanian Wedge-Tailed Eagle	Sighting	Eagle flying over 7A
30/07/2022	11:00am	Centre Pit	Tasmanian Wedge-Tailed Eagle	Sighting	3x eagles flying
31/07/2022	11:00am	Centre Pit	Tasmanian Wedge-Tailed Eagle	Sighting	2x eagles flying
31/07/2022	7:48pm	Main Creek below South Deposit	Tasmanian Devil	Sighting	Healthy devil captured on wildlife cam
1/8/22	8:00am	Mine Access Road	Tasmanian Devil	Sighting	Devil seen running across road towards NPUG offices
1/8/22	16:30pm	Centre Pit	Tasmanian Wedge-Tailed Eagle	Sighting	Eagle flying low on CP haul road

Date	Time	Location	Species	Report Type	Comments
2/8/22	12:00am	Centre Pit	Tasmanian Wedge-Tailed Eagle	Sighting	3x eagles over CP
4/8/22	11:00pm	Centre Pit	Tasmanian Wedge-Tailed Eagle	Sighting	3x eagles over 420dump
9/8/22	12:00pm	Centre Pit	Tasmanian Wedge-Tailed Eagle	Sighting	Eagle flying over CP cribroom
13/8/22	11:00am	North Pit	Tasmanian Wedge-Tailed Eagle	Sighting	2x eagles over waterfall dump
16/8/22	1:00pm	North Pit	Tasmanian Wedge-Tailed Eagle	Sighting	2x eagles sighted
16/8/22	17:00pm	North Pit	Tasmanian Wedge-Tailed Eagle	Sighting	5x eagles sighted
19/8/22	11:36am	North Pit	Tasmanian Wedge-Tailed Eagle	Sighting	Eagle over NP being chased by ravens
20/8/22	12:42pm	North Pit	Tasmanian Wedge-Tailed Eagle	Sighting	Eagle sighted
21/8/22	12:30pm	Centre Pit	Tasmanian Wedge-Tailed Eagle	Sighting	Eagle sighted
21/8/22	13:00pm	South Deposit	Tasmanian Wedge-Tailed Eagle	Sighting	2x eagles sighted around South Deposit
26/8/22	17:00pm	North Pit	Tasmanian Wedge-Tailed Eagle	Sighting	2x eagles perched in tree near EX25 in STg7A
1/9/22	10:30am	Main Creek below South Deposit	Tasmanian Devil	Sighting	Devil captured on wildlife camera
3/9/22	10:00pm	South Lens	Other	Sighting	Platypus on WRC. Animal moved on without incident
9/9/22	15:56am	Main Creek below South Deposit	Tasmanian Devil	Sighting	Devil captured on wildlife camera
14/9/22	8:12pm	Main Creek below South Deposit	Tasmanian Devil	Sighting	Devil captured on wildlife camera
19/9/22	9:12pm	Main Creek below South Deposit	Tasmanian Devil	Sighting	Devil captured on wildlife camera

Date	Time	Location	Species	Report Type	Comments
22/9/22	4:45pm	Centre Pit	Tasmanian Wedge-Tailed Eagle	Sighting	2x eagles flying over Centre Pit
28/9/22	3:45am	Main Creek below South Deposit	Tasmanian Devil	Sighting	Devil captured on wildlife camera
2/10/22	11:22pm	Main Creek below South Deposit	Tasmanian Devil	Sighting	Captured on wildlife cam. No DFTD visible
4/10/22	12:10am	Main Creek below South Deposit	Tasmanian Devil	Sighting	Captured on wildlife cam. Light mark on cheek
5/10/22	12:58am	Main Creek below South Deposit	Tasmanian Devil	Sighting	Captured on wildlife cam. No DFTD visible
7/10/22	4:00pm	Centre Pit	Tasmanian Wedge-Tailed Eagle	Sighting	3x eagles sighted
8/10/22	10:05am	North Pit	Tasmanian Wedge-Tailed Eagle	Sighting	3x eagles flying over 340 Dump
10/10/22	2:56am	Main Creek below South Deposit	Tasmanian Devil	Sighting	Captured on wildlife cam
10/10/22	1:25pm	North Pit	Tasmanian Wedge-Tailed Eagle	Sighting	1x eagle flying over offices
21/10/22	1:31am	Main Creek below South Deposit	Tasmanian Devil	Sighting	Captured on wildlife cam. Healthy no DFTD visible
21/10/22	7:27pm	Main Creek below South Deposit	Tasmanian Devil	Sighting	Captured on wildlife cam. Face not visible
11/11/2022	4:00pm	Pit Admin and Workshops	Tasmanian Wedge-Tailed Eagle	Sighting	1x eagle sighted flying over office area
12/11/2022	2:00pm	Centre Pit	Tasmanian Wedge-Tailed Eagle	Sighting	1x eagle sighted flying over Centre Pit 1B
20/11/2022	7:30pm	Centre Pit	Tasmanian Wedge-Tailed Eagle	Sighting	1x eagle flying over Centre Pit Crib Hut
21/11/2022	4:45pm	Centre Pit	Tasmanian Wedge-Tailed Eagle	Sighting	2x adult and 1x juvenile eagle sighted flying over old call point 2 area

Date	Time	Location	Species	Report Type	Comments
27/11/2022	2:20pm	North Pit	Tasmanian Wedge-Tailed Eagle	Sighting	1x eagle sighted flying over North Pit
04/12/2022	8:20pm	GC1 Crusher	Tasmanian Wedge-Tailed Eagle	Sighting	3x eagles sighted flying over ROM area
06/12/2022	10:50pm	Broderick Creek WRD	Tasmanian Devil	Sighting	1x juvenile devil sighted near tree line
14/12/2022	1:00pm	GC1 Crusher	Tasmanian Wedge-Tailed Eagle	Sighting	1x eagle sighted flying over crusher
30/12/2022	10:45pm	North Pit	Tasmanian Wedge-Tailed Eagle	Sighting	1x eagle sighted flying over rehab area
05/01/2023	7:50pm	Mill	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying above Mill
06/01/2023	3:20Ppm	Centre Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying over Centre Pit
06/01/2023	8:35Ppm	Centre Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying over crib hut
14/01/2023	3:35Ppm	North Pit	Tasmanian Wedge-tailed Eagle	Sighting	2 x eagles flying above waterfall dump
17/01/2023	11:30pm	Pit Admin	Tasmanian Devil	Sighting	1 x juvenile devil sighted
03/02/2023	5:52Ppm	Centre Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying over Centre Pit
11/02/2023	11:15pm	Broderick WRD	Tasmanian Devil	Sighting	1 x devil sighted
12/02/2023	7:36pm	North Pit	Tasmanian Wedge-tailed Eagle	Sighting	3 x eagles flying over North Pit
15/02/2023	1:33pm	North Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying over waterfall dump
17/02/2023	9:30am	Centre Pit	Tasmanian Wedge-tailed Eagle	Sighting	3 x eagles flying over Centre Pit
18/02/2023	10:30am	North Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying over Stg7 circus tent
21/02/2023	9:20pm	North Pit	Tasmanian Devil	Sighting	1 x devil sighted on waterfall dump ramp



Date	Time	Location	Species	Report Type	Comments
22/02/2023	7:00am	North Pit	Tasmanian Wedge-tailed Eagle	Sighting	2 x eagles flying over waterfall dump
23/02/2023	6:45pm	GC1 Crusher	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying over crusher
23/02/2023	9:18pm	North Pit	Tasmanian Devil	Sighting	1 x devil sighted
25/02/2023	5:00pm	South Deposit	Tasmanian Wedge-tailed Eagle	Sighting	2 x eagles flying over South Deposit
12/03/2023	12:00am	North Pit	Tasmanian Devil	Sighting	1 x devil sighted at 7a
13/03/2023	2:40pm	Centre Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying above Centre Pit
14/03/2023	9:25pm	North Pit	Tasmanian Devil	Sighting	1 x devil sighted near Stg7 circus tent
16/03/2023	12:47am	North Pit	Tasmanian Devil	Sighting	1 x devil sighted near Stg7 circus tent
18/03/2023	12:00pm	GC1 Crusher	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying over GC1 Crusher
21/03/2023	4:40pm	North Pit	Tasmanian Wedge-tailed Eagle	Sighting	2 x eagles flying above waterfall dump
23/03/2023	5:43pm	North Pit	Tasmanian Wedge-tailed Eagle	Sighting	2 x eagles sighted over North Pit
25/03/2023	6:40pm	North Pit	Tasmanian Wedge-tailed Eagle	Sighting	2 x eagles flying above waterfall dump
25/03/2023	8:10pm	North Pit	Tasmanian Devil	Sighting	2 x juvenile devils sighted at tower area
08/04/2023	12:39pm	North Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying over Circus Tent
14/04/2023	3:10am	North Pit	Tasmanian Devil	Sighting	1 x devil sighted
15/04/2023	7:51am	Centre Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying over Centre Pit
19/04/2023	1:25pm	Centre Pit	Tasmanian Wedge-tailed Eagle	Sighting	2 x eagles flying over Centre Pit

Date	Time	Location	Species	Report Type	Comments
20/04/2023	6:21am	MCbSD	Tasmanian Devil	Sighting	1 x devil sighted on wildlife camera
20/04/2023	2:30pm	Centre Pit	Tasmanian Wedge-tailed Eagle	Sighting	2 x eagles flying over crib hut
26/04/2023	8:00am	Centre Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying over Centre Pit
27/04/2023	12:08pm	Centre Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying over Centre Pit
01/05/2023	5:30am	MCbSD	Tasmanian Devil	Sighting	1 x devil sighted on wildlife camera
09/05/2023	9:00am	North Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle sighted
10/05/2023	11:50am	Centre Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying over Centre Pit
11/05/2023	6:50am	SDTSF	Tasmanian Devil	Sighting	1 x devil sighted on wildlife camera
12/05/2023	8:25am	SDTSF	Tasmanian Devil	Sighting	1 x devil sighted on wildlife camera
16/05/2023	9:41am	North Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying above 7A
19/05/2023	12:56pm	SDTSF	Tasmanian Devil	Sighting	1 x devil sighted on wildlife camera
21/05/2023	6:00pm	SDTSF	Tasmanian Devil	Sighting	1 x devil sighted on wildlife camera
25/05/2023	12:00am	South Deposit	Tasmanian Wedge-tailed Eagle	Sighting	2 x eagle sighted
30/05/2023	6:54am	SDTSF	Tasmanian Devil	Sighting	Sighting
04/06/2023	12:02am	SDTSF	Tasmanian Devil	Sighting	1 x devil sighted on wildlife camera
06/06/2023	3:00pm	Pit Admin	Tasmanian Wedge-tailed Eagle	Sighting	2 x eagle flying above admin
11/06/2023	12:02pm	SDTSF	Tasmanian Devil	Sighting	1 x devil sighted on wildlife camera

Date	Time	Location	Species	Report Type	Comments
13/06/2023	1:20pm	South Lens	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle sighted
15/06/2023	6:28pm	SDTSF	Tasmanian Devil	Sighting	1 x devil sighted on wildlife camera
20/06/2023	11:30am	Centre Pit	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle flying over south Centre Pit
21/06/2023	7:10pm	SDTSF	Tasmanian Devil	Sighting	1 x devil sighted on wildlife camera
26/06/2023	2:30pm	Broderick Creek WRD	Tasmanian Wedge-tailed Eagle	Sighting	1 x eagle sighted
27/06/2023	3:00pm	Broderick Creek WRD	Tasmanian Wedge-tailed Eagle	Sighting	2 x eagle sighted
30/06/2023	4:30am	MCbSD	Tasmanian Devil	Sighting	1 x devil sighted on wildlife camera
30/06/2023	7:40am	MCbSD	Tasmanian Devil	Sighting	1 x devil sighted on wildlife camera

### 1.3 CONDITION 16 (B)


Grange has previously provided receipt of the total payment; no further payment is outstanding. A total payment amount of \$160,000 was paid to Save the Devil Program through the Tasmanian Department of Primary Industries, Parks, Water and Environment (DPIPWE) across 2015 and 2016.

### 1.4 CONDITION 16 (C)

All conditions have been complied with. However, it is noted that reports under Condition 16 have not been submitted for recent reporting periods. This has been rectified from 2023.

### 1.5 CONDITION 16 (D)

Table 1 below outlines compliance against the conditions of EPBC Approval 2012/6369.

<b>Table 1 - EPBC Approval 2012/6369</b>	
<b>Condition #</b>	<b>Compliance Evidence</b>
Condition 1	<p>There has been no further vegetation clearing during the reporting period. The aerial image below (Figure 1) was taken at the end of the reporting period.</p>  <p><b>Figure 1 - SDTSF Aerial Image</b></p>

Condition 2	<p>Since the issue of the approval, Grange has provided an ongoing induction package for all staff, contractors and visitors onto the Savage River Mine site. This is followed up with an annual toolbox talk review of the EPBC requirements in October each year which is presented at Savage River pre-shift meetings to staff. Grange has also developed and made available a printed EPBC threatened species protection glovebox guide for vehicles. Copies of the training packages are available upon request.</p>
Condition 3	<p>The Preclearance Survey and Monitoring Plan was developed by North Barker Ecosystem Services in June 2014. The Minister approved the Tasmanian Devil and Spot-tailed Quoll Preclearance Survey and Monitoring Plan on 16<sup>th</sup> June 2014 prior to the commencement of the construction of the SDTSF. No Tasmanian Devil or Spotted Quoll dens have been disturbed during the reporting period.</p>
Condition 4	<p>The Water Quality Monitoring and Remediation Plan was approved by the Minister on the 19<sup>th</sup> of June 2014 and was promptly implemented. The three sites, chosen due to being the most relevant in determining any water quality impacts from the SDTSF are South Deposit (SD), Main Creek below South Deposit (Q1/ MCbSD) and Savage River at Smithton Road (SRaSR) (locations in images below). Water sampling and manual parameter testing is conducted at these sites on a monthly basis.</p> <p>Three groundwater bores have also been constructed as part of the SDTSF construction. These are sampled on a quarterly basis and provide data on groundwater levels. The SDTSF Bore water quality is reported in the Annual SDTSF Environmental Review provided to the EPA, under PCE8808. Results from the water quality monitoring program are available upon request.</p>



**Figure 2 - Monitoring Locations**

*Image source: Google Earth*

Condition 5	All tailings and wastewater associated with the SDTSF comply with PCE8808.
Condition 6	Not applicable, the SDTSF is still in operation.
Condition 7	All existing roadways comply with EPBC 2012/6393. The Savage River mine site has a maximum speed limit of 40 kilometres per hour across the entire site as a compulsory risk mitigation measure. Vegetation and drainage are actively managed in accordance with conditions. Any roadkill is reported, through Grange operational

	systems and the dayworks crew remove carcasses within one shift of the report being issued.
Condition 8	Grange's EPBC species register is provided on the Grange Website. All sightings of EPBC listed species are reported to Mine Control and the register updated within 24 hours.
Condition 9	No request has been received by Grange during the reporting period.
Condition 10	The approved Tasmanian devil monitoring plan continues to be implemented with 5 cameras currently in place at locations around the SDTSF. Four new cameras were purchased in February 2023 to ensure clear images of species was obtained. These cameras are on a monthly maintenance schedule.
Condition 11	The required \$160,000 was paid to Save the Devil Program via DPIPWE in 2015-2016.
Condition 12	No roadkill deaths of EPBC species occurred during the reporting period.
Condition 13	The Department was advised of the commencement of the project on the 10 <sup>th</sup> of July 2014.
Condition 14	Grange has complied with all conditions during reporting period, apart from the annual report submission. The annual report shall be submitted to the Department and published on the Grange website from the 2023 reporting period.
Condition 15	Grange maintains all required records relevant to the conditions of approval.
Condition 16	This report acts as compliance against this condition.
Condition 17	No request has been received by Grange during the reporting period.
Condition 18	There have been no changes to the approved activity during the reporting period.
Condition 19	There have been no requests for revisions to the approval during the reporting period.
Condition 20	Not applicable, the Action is ongoing.
Condition 21	All required documents for the 2022 – 2023 reporting period are available on the Grange Resources Website, namely the EPBC Species Register, and the Annual Report (this report).

### End Report