



ENVIRONMENT PROTECTION LICENCE NO: 21029

August 2018 Monthly Report

FOR

**Princes Highway Upgrade
between Berry and Bomaderry**

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Approved by:



Brad Binns

Downer Seymour Whyte
Project Director



Hadi Khairuddin

Downer Seymour Whyte
Environmental Site
Representative

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1 INTRODUCTION

The Downer Seymour Whyte Joint Venture (DSWJV) is contracted by Roads and Maritime Services (Roads and Maritime) to upgrade 10.3 kilometres of the Princes Highway between Mullers Lane (south of Berry) and Cambewarra Road, Bomaderry in New South Wales (NSW) (the Project). The project will provide a four-lane divided highway (two lanes in each direction) with median separation.

The project is one of a series of upgrades to sections of the Princes Highway which aims to provide a four-lane divided highway between Waterfall and Jervis Bay Road, Falls Creek. This would improve road safety and traffic efficiency, including for freight, on the NSW South Coast.

Figure 1 provides an overview of the project location.



Figure 1-1 Project location

In accordance with Environment Protection Licence (EPL) Condition R4.1, the following report details the required monitoring undertaken over the August 2018 reporting period.

2 NON-COMPLIANCES

No non-compliances with EPL conditions during the August 2018 reporting period

3 RAINFALL

The RMS automatic weather station is situated at Ison Lane, Jaspers Brush, located adjacent to a main ancillary compound (Isons Compound) for the project. The results of rainfall monitoring for August 2018 are provided in Table 3-1 below.

Table 3-1 August 2018 Rainfall monitoring results

| Location | Monthly rainfall recorded (mm) |
|--|--------------------------------|
| Ison Lane, Jaspers Brush (RMS automatic weather station) | 67 |

The recorded August 2018 rainfall was below the average monthly rainfall for the area. With the exception of eight recorded rainfall events in August 2018 (Bureau of Meteorology Nowra RAN Air Station AWS – accessed 17 September 2018), the prevailing weather conditions were dry and windy. The weather conditions facilitated the commencement of early earthworks, including construction of sediment basins, establishment of site compounds, and clearing activities. Due to the dry and windy conditions, dust generation was identified as a key environmental risk for the project. Consequently, dust suppression controls were a focus during August 2018, including stabilisation of unsealed surfaces and stockpiles, stopping of works during high winds and regular use of a water-cart.

4 SEDIMENT BASIN DISCHARGE

No sediment basin discharge was required or undertaken during the August 2018 reporting period.

5 AIR MONITORING RESULTS

Table 5-1 August 2018 Air quality monitoring results

| EPA Identification No. | Location (adjacent address) | Ash Content g/m ² ,month | Combustible Matter g/m ² ,month | Total Insoluble Matter g/m ² ,month |
|------------------------|---------------------------------------|--|---|---|
| DDG A | 10 Croziers Lane, Jaspers Brush | 0.4 | 0.3 | 0.7 |
| DDG B | 10A Jaspers Brush Road, Jaspers Brush | 0.4 | 0.4 | 0.8 |
| DDG C | 20C Strongs Road, Jaspers Brush | 1.9 | 1.6 | 3.5 |
| DDG D | 10C Jaspers Brush Road, Jaspers Brush | 0.4 | 0.2 | 0.6 |
| DDG E | 30 Ison Lane, Jaspers Brush | 0.3 | 0.3 | 0.6 |
| DDG F | Lot 209 DP 1210788 | 1.4 | 0.6 | 2 |
| DDG H | 10 Lamonds Lane, Meroo Meadow | 0.4 | 0.2 | 0.6 |
| DDG I | 19 Boxsells Lane, Meroo Meadow | 0.4 | 0.3 | 0.7 |
| DDG J/K | 265 Princes Highway, Meroo Meadow | 0.3 | 0.2 | 0.5 |
| DDG L | 1028 Meroo Meadow, Meroo Meadow | | | |

| EPA Identification No. | Location (adjacent address) | Ash Content g/m ² ,month | Combustible Matter g/m ² ,month | Total Insoluble Matter g/m ² ,month |
|------------------------|----------------------------------|--|---|---|
| DDG M | 32 Elvin Drive, Bomaderry | 0.7 | 0.4 | 1.1 |
| DDG N | 9 Devitt's Lane, Meroo Meadow | 0.3 | <0.1 | 0.3 |
| DDG P | 24 Abernethys Lane, Meroo Meadow | 2.5 | 0.7 | 3.2 |

6 NOISE MONITORING RESULTS

No high noise impact activities or works conducted outside of standard construction hours during the August 2018 reporting period, therefore no noise monitoring carried out.

7 ENVIRONMENTAL COMPLAINTS

No environmental complaints received in August 2018.