# Environmental Monitoring Report

# Dunmore Lakes Sand Project

November 2026

This monitoring report is to satisfy the requirements of Section 66 (6) of the Protection of the Environment and Operations Act 1997, to make available, within 14 days of request, any monitoring data that relates to pollution under an Environment Protection Licence.

The monitoring of pollutants provided in this report is undertaken as per the requirements of Environment Protection Licence 11147 (EPL 11147 – Boral Dunmore Lakes Sand Project)

This report provides environmental monitoring data for Dunmore Lakes Sand Project for:

- Air quality PM10, PM2.5 and TSP monitoring data
- Dust deposition monitoring data
- Water monitoring data

| Dunmore Lakes Sand Project Information | |
|---|---|
| Premise Details | Boral – Dunmore Lakes Sand Project |
| Address | Princes Highway, Dunmore NSW, 2529 |
| Licensee | Boral Resources (NSW) PTY LTD |
| EPL N$^{o}$ | 11147 |
| EPL Location | http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33270&SYSUID=1&LICID=11147 |

# Environmental Monitoring Report

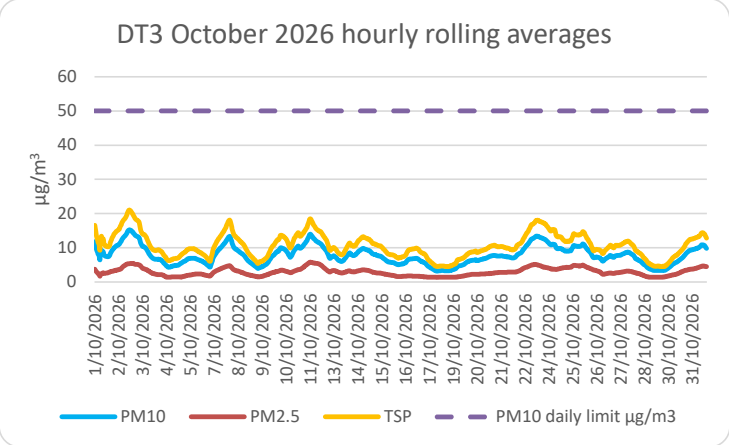
## Real-time Air Quality monitoring

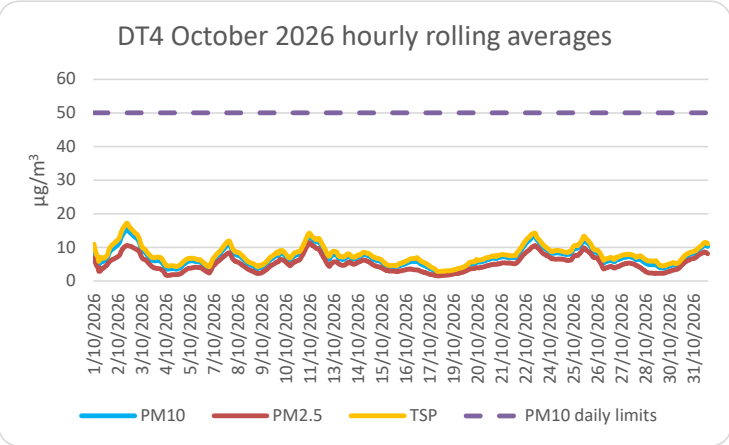
## Dunmore Lakes Sand Project

November 2026 Report

Reporting period: August 2025 to October 2026. Real-time air quality monitoring (DMP3, unit DT3) is conducted as per condition M2.2 of EPL 11147.

| Dunmore Lakes Sand Project Information | |
|---|---|
| **Premise Details** | Boral – Dunmore Lakes Sand Project |
| **Address** | Princes Hwy, Dunmore NSW 2529 |
| **Licensee** | Boral Resources (NSW) PTY LTD |
| **EPL No** | 11147 |
| **EPL Location** | EPA website - EPL 11147 |




| DMP | Month | Monthly averages | | | Daily limit | Annual limit | | | Comments |
|---|---|---|---|---|---|---|---|---|---|
| | | PM2.5 | PM10 | TSP | PM10 | PM10 | PM2.5 | TSP | |
| | | µg/m3 | µg/m3 | µg/m3 | µg/m3 | µg/m3 | µg/m3 | µg/m3 | |
| DMP3 | Oct-26 | 2.92 | 7.81 | 10.64 | 50 | 25 | 8 | 90 | |
| DMP4 | Oct-26 | 5.14 | 7.09 | 7.84 | 50 | 25 | 8 | 90 | |
| DMP3 | Sep-26 | 4.62 | 9.21 | 11.66 | 50 | 25 | 8 | 90 | |
| DMP4 | Sep-26 | 5.28 | 7.79 | 8.94 | 50 | 25 | 8 | 90 | |
| DMP3 | Aug-26 | 5.16 | 6.85 | 7.41 | 50 | 25 | 8 | 90 | |
| DMP4 | Aug-26 | 1.99 | 3.81 | 4.96 | 50 | 25 | 8 | 90 | |
| DMP3 | Jul-26 | 3.92 | 5.33 | 5.83 | 50 | 25 | 8 | 90 | |
| DMP4 | Jul-26 | 1.73 | 3.75 | 5.03 | 50 | 25 | 8 | 90 | |
| DMP3 | Jun-26 | 4.21 | 6.42 | 7.20 | 50 | 25 | 8 | 90 | |
| DMP4 | Jun-26 | 1.63 | 3.6 | 4.93 | 50 | 25 | 8 | 90 | |
| DMP3 | May-26 | 6.05 | 8.64 | 9.42 | 50 | 25 | 8 | 90 | |
| DMP4 | May-26 | 2.52 | 5.49 | 7.19 | 50 | 25 | 8 | 90 | |
| DMP3 | Apr-26 | 6.78 | 9.35 | 10.11 | 50 | 25 | 8 | 90 | |
| DMP4 | Apr-26 | 2.76 | 5.87 | 7.63 | 50 | 25 | 8 | 90 | |
| DMP3 | Mar-26 | 9.30 | 16.85 | 19.25 | 50 | 25 | 8 | 90 | |
| DMP4 | Mar-26 | 3.77 | 10.26 | 13.68 | 50 | 25 | 8 | 90 | |
| DMP3 | Feb-26 | 11.73 | 18.19 | 20.29 | 50 | 25 | 8 | 90 | |
| DMP4 | Feb-26 | 5.60 | 12.10 | 15.45 | 50 | 25 | 8 | 90 | |
| DMP3 | Jan-26 | 10.22 | 34.34 | 36.63 | 50 | 25 | 8 | 90 | |
| DMP4 | Jan-26 | 1.66 | 3.86 | 4.10 | 50 | 25 | 8 | 90 | |
| DMP3 | Dec-25 | 6.57 | 17.91 | 18.30 | 50 | 25 | 8 | 90 | |
| DMP4 | Dec-25 | 1.83 | 105.12 | 14.32 | 50 | 25 | 8 | 90 | Issues with data synchronization led to very high values being recorded |
| DMP3 | Nov-25 | 7.50 | 28.63 | 31.31 | 50 | 25 | 8 | 90 | |
| DMP4 | Nov-25 | 1.07 | 3.85 | 4.07 | 50 | 25 | 8 | 90 | |
| DMP3 | Oct-25 | 7.62 | 24.72 | 26.80 | 50 | 25 | 8 | 90 | |
| DMP4 | Oct-25 | 1.53 | 5.05 | 5.28 | 50 | 25 | 8 | 90 | |
| DMP3 | Sep-25 | 6.33 | 19.71 | 21.57 | 50 | 25 | 8 | 90 | |
| DMP4 | Sep-25 | 0.51 | 2.43 | 2.61 | 50 | 25 | 8 | 90 | |
| DMP3 | Aug-25 | 3.99 | 12.01 | 12.82 | 50 | 25 | 8 | 90 | |
| DMP4 | Aug-25 | 0.30 | 1.32 | 1.39 | 50 | 25 | 8 | 90 | |

# Environmental Monitoring Report

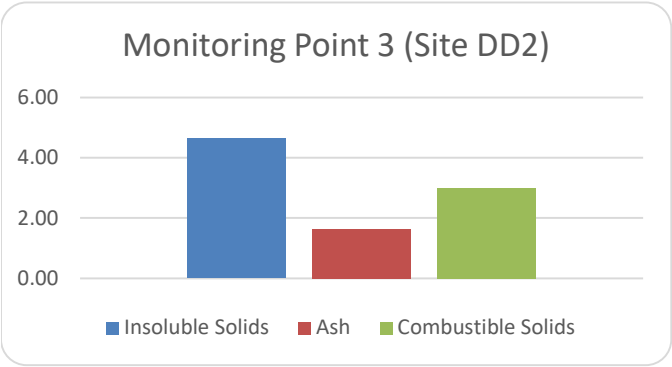
## Air / Dust Monitoring — Deposited Dust

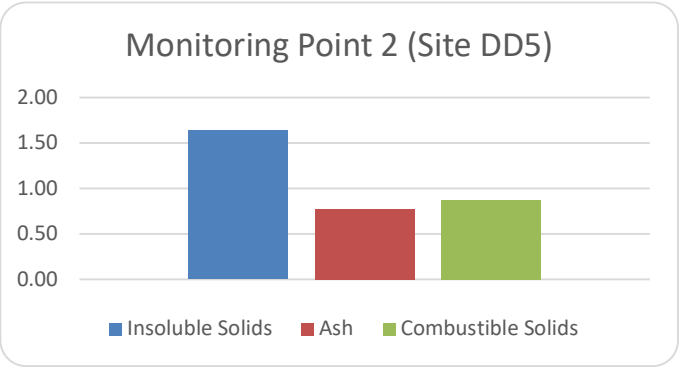
## Dunmore Lakes Sand Project

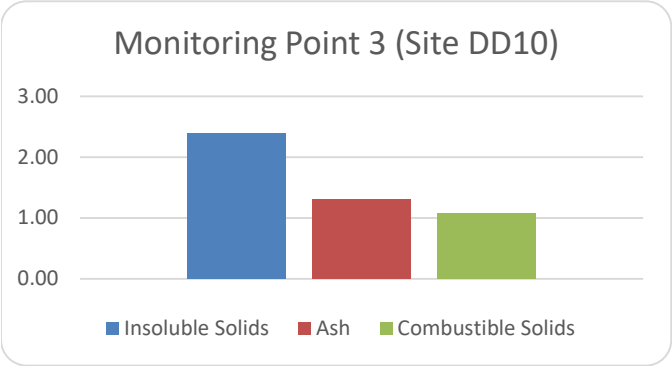
November 2026 Report

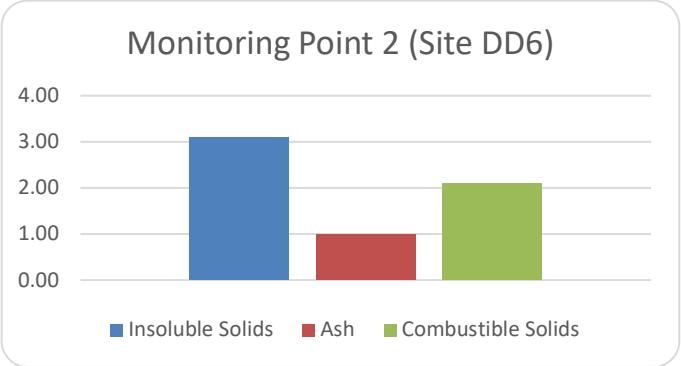
Reporting period: July 2025 to October 2026. Deposited dust results are received one month in arrears. Air Quality Monitoring is conducted as per condition M2.2 of EPL 11147.

| Dunmore Lakes Sand Project Information | |
|---|---|
| **Premise Details** | Boral – Dunmore Lakes Sand Project |
| **Address** | Princes Hwy, Dunmore NSW 2529 |
| **Licensee** | Boral Resources (NSW) PTY LTD |
| **EPL No** | 11147 |
| **EPL Location** | EPA website - EPL11147 |




**Deposited Dust (g/m²/month)**

| Location | Date Received | Pollutant | easureme | Unit | Comments |
|---|---|---|---|---|---|
| **October 2026** | | | | | |
| Monitoring Point 2 (DD2) | 17/11/2026 | Insoluble Solids | **4.65** | g/m²/month | Bird droppings found in the sample. |
| Monitoring Point 2 (DD2) | 17/11/2026 | Ash | 1.65 | g/m²/month | |
| Monitoring Point 2 (DD2) | 17/11/2026 | Combustible Solids | 3.00 | g/m²/month | |
| Monitoring Point 4 (DD5) | 17/11/2026 | Insoluble Solids | 1.64 | g/m²/month | |
| Monitoring Point 4 (DD5) | 17/11/2026 | Ash | 0.77 | g/m²/month | |
| Monitoring Point 4 (DD5) | 17/11/2026 | Combustible Solids | 0.87 | g/m²/month | |
| Monitoring Point 7 (DD10) | 17/11/2026 | Insoluble Solids | 2.39 | g/m²/month | |
| Monitoring Point 7 (DD10) | 17/11/2026 | Ash | 1.31 | g/m²/month | |
| Monitoring Point 7 (DD10) | 17/11/2026 | Combustible Solids | 1.08 | g/m²/month | |
| Monitoring Point 8 (DD6) | 17/11/2026 | Insoluble Solids | 3.10 | g/m²/month | |
| Monitoring Point 8 (DD6) | 17/11/2026 | Ash | 0.99 | g/m²/month | |
| Monitoring Point 8 (DD6) | 17/11/2026 | Combustible Solids | 2.11 | g/m²/month | |
| **September 2026** | | | | | |
| Monitoring Point 2 (DD2) | 30/10/2026 | Insoluble Solids | 2.46 | g/m²/month | |

| | | | | | |
|---|---|---|---|---|---|
| Monitoring Point 2 (DD2) | 30/10/2026 | Ash | 0.84 | g/m²/month | |
| Monitoring Point 2 (DD2) | 30/10/2026 | Combustible Solids | 1.62 | g/m²/month | |
| Monitoring Point 4 (DD5) | 30/10/2026 | Insoluble Solids | 2.85 | g/m²/month | |
| Monitoring Point 4 (DD5) | 30/10/2026 | Ash | 1.43 | g/m²/month | |
| Monitoring Point 4 (DD5) | 30/10/2026 | Combustible Solids | 1.42 | g/m²/month | |
| Monitoring Point 7 (DD10) | 30/10/2026 | Insoluble Solids | 2.03 | g/m²/month | |
| Monitoring Point 7 (DD10) | 30/10/2026 | Ash | 0.89 | g/m²/month | |
| Monitoring Point 7 (DD10) | 30/10/2026 | Combustible Solids | 1.14 | g/m²/month | |
| Monitoring Point 8 (DD6) | 30/10/2026 | Insoluble Solids | 2.13 | g/m²/month | |
| Monitoring Point 8 (DD6) | 30/10/2026 | Ash | 1.05 | g/m²/month | |
| Monitoring Point 8 (DD6) | 30/10/2026 | Combustible Solids | 1.09 | g/m²/month | |
| **August 2026** | | | | | |
| Monitoring Point 2 (DD2) | 01/10/2026 | Insoluble Solids | 3.05 | g/m²/month | |
| Monitoring Point 2 (DD2) | 01/10/2026 | Ash | 1.10 | g/m²/month | |
| Monitoring Point 2 (DD2) | 01/10/2026 | Combustible Solids | 1.95 | g/m²/month | |
| Monitoring Point 4 (DD5) | 01/10/2026 | Insoluble Solids | 2.06 | g/m²/month | |
| Monitoring Point 4 (DD5) | 01/10/2026 | Ash | 1.14 | g/m²/month | |
| Monitoring Point 4 (DD5) | 01/10/2026 | Combustible Solids | 0.91 | g/m²/month | |
| Monitoring Point 7 (DD10) | 01/10/2026 | Insoluble Solids | 2.01 | g/m²/month | |
| Monitoring Point 7 (DD10) | 01/10/2026 | Ash | 0.86 | g/m²/month | |
| Monitoring Point 7 (DD10) | 01/10/2026 | Combustible Solids | 1.15 | g/m²/month | |
| Monitoring Point 8 (DD6) | 01/10/2026 | Insoluble Solids | **4.77** | g/m²/month | |
| Monitoring Point 8 (DD6) | 01/10/2026 | Ash | 2.06 | g/m²/month | |
| Monitoring Point 8 (DD6) | 01/10/2026 | Combustible Solids | 2.71 | g/m²/month | |
| **July 2026** | | | | | |
| Monitoring Point 2 (DD2) | 03/09/2026 | Insoluble Solids | 1.57 | g/m²/month | |
| Monitoring Point 2 (DD2) | 03/09/2026 | Ash | 0.89 | g/m²/month | |
| Monitoring Point 2 (DD2) | 03/09/2026 | Combustible Solids | 0.68 | g/m²/month | |
| Monitoring Point 4 (DD5) | 03/09/2026 | Insoluble Solids | 1.31 | g/m²/month | |
| Monitoring Point 4 (DD5) | 03/09/2026 | Ash | 0.04 | g/m²/month | |
| Monitoring Point 4 (DD5) | 03/09/2026 | Combustible Solids | 1.27 | g/m²/month | |
| Monitoring Point 7 (DD10) | 03/09/2026 | Insoluble Solids | 0.85 | g/m²/month | |
| Monitoring Point 7 (DD10) | 03/09/2026 | Ash | 0.73 | g/m²/month | |
| Monitoring Point 7 (DD10) | 03/09/2026 | Combustible Solids | 0.12 | g/m²/month | |
| Monitoring Point 8 (DD6) | 03/09/2026 | Insoluble Solids | 0.81 | g/m²/month | |
| Monitoring Point 8 (DD6) | 03/09/2026 | Ash | 0.31 | g/m²/month | |
| Monitoring Point 8 (DD6) | 03/09/2026 | Combustible Solids | 0.51 | g/m²/month | |
| **June 2026** | | | | | |
| Monitoring Point 2 (DD2) | 27/07/2026 | Insoluble Solids | 0.99 | g/m²/month | |
| Monitoring Point 2 (DD2) | 27/07/2026 | Ash | 0.75 | g/m²/month | |
| Monitoring Point 2 (DD2) | 27/07/2026 | Combustible Solids | 0.24 | g/m²/month | |
| Monitoring Point 4 (DD5) | 27/07/2026 | Insoluble Solids | 0.90 | g/m²/month | |
| Monitoring Point 4 (DD5) | 27/07/2026 | Ash | 0.75 | g/m²/month | |
| Monitoring Point 4 (DD5) | 27/07/2026 | Combustible Solids | 0.16 | g/m²/month | |
| Monitoring Point 7 (DD10) | 27/07/2026 | Insoluble Solids | 0.84 | g/m²/month | |
| Monitoring Point 7 (DD10) | 27/07/2026 | Ash | 0.81 | g/m²/month | |
| Monitoring Point 7 (DD10) | 27/07/2026 | Combustible Solids | 0.03 | g/m²/month | |
| Monitoring Point 8 (DD6) | 27/07/2026 | Insoluble Solids | 0.60 | g/m²/month | |
| Monitoring Point 8 (DD6) | 27/07/2026 | Ash | 0.50 | g/m²/month | |
| Monitoring Point 8 (DD6) | 27/07/2026 | Combustible Solids | 0.10 | g/m²/month | |
| **May 2026** | | | | | |
| Monitoring Point 2 (DD2) | 29/06/2026 | Insoluble Solids | 0.44 | g/m²/month | |

| | | | | | |
|---|---|---|---|---|---|
| Monitoring Point 2 (DD2) | 29/06/2026 | Ash | 0.44 | g/m²/month | |
| Monitoring Point 2 (DD2) | 29/06/2026 | Combustible Solids | 0.01 | g/m²/month | |
| Monitoring Point 4 (DD5) | 29/06/2026 | Insoluble Solids | 1.06 | g/m²/month | |
| Monitoring Point 4 (DD5) | 29/06/2026 | Ash | 0.94 | g/m²/month | |
| Monitoring Point 4 (DD5) | 29/06/2026 | Combustible Solids | 0.12 | g/m²/month | |
| Monitoring Point 7 (DD10) | 29/06/2026 | Insoluble Solids | 0.74 | g/m²/month | |
| Monitoring Point 7 (DD10) | 29/06/2026 | Ash | 0.40 | g/m²/month | |
| Monitoring Point 7 (DD10) | 29/06/2026 | Combustible Solids | 0.33 | g/m²/month | |
| Monitoring Point 8 (DD6) | 29/06/2026 | Insoluble Solids | 0.57 | g/m²/month | |
| Monitoring Point 8 (DD6) | 29/06/2026 | Ash | 0.37 | g/m²/month | |
| Monitoring Point 8 (DD6) | 29/06/2026 | Combustible Solids | 0.20 | g/m²/month | |
| **April 2026** | | | | | |
| Monitoring Point 2 (DD2) | 05/06/2026 | Insoluble Solids | 1.05 | g/m²/month | |
| Monitoring Point 2 (DD2) | 05/06/2026 | Ash | 0.70 | g/m²/month | |
| Monitoring Point 2 (DD2) | 05/06/2026 | Combustible Solids | 0.36 | g/m²/month | |
| Monitoring Point 4 (DD5) | 05/06/2026 | Insoluble Solids | 1.85 | g/m²/month | |
| Monitoring Point 4 (DD5) | 05/06/2026 | Ash | 1.12 | g/m²/month | |
| Monitoring Point 4 (DD5) | 05/06/2026 | Combustible Solids | 0.92 | g/m²/month | |
| Monitoring Point 7 (DD10) | 05/06/2026 | Insoluble Solids | 1.16 | g/m²/month | |
| Monitoring Point 7 (DD10) | 05/06/2026 | Ash | 0.42 | g/m²/month | |
| Monitoring Point 7 (DD10) | 05/06/2026 | Combustible Solids | 0.48 | g/m²/month | |
| Monitoring Point 8 (DD6) | 05/06/2026 | Insoluble Solids | 0.96 | g/m²/month | |
| Monitoring Point 8 (DD6) | 05/06/2026 | Ash | 0.30 | g/m²/month | |
| Monitoring Point 8 (DD6) | 05/06/2026 | Combustible Solids | 0.30 | g/m²/month | |
| **March 2026** | | | | | |
| Monitoring Point 2 (DD2) | 12/05/2026 | Insoluble Solids | 0.87 | g/m²/month | |
| Monitoring Point 2 (DD2) | 12/05/2026 | Ash | 0.83 | g/m²/month | |
| Monitoring Point 2 (DD2) | 12/05/2026 | Combustible Solids | 0.04 | g/m²/month | |
| Monitoring Point 4 (DD5) | 12/05/2026 | Insoluble Solids | 1.28 | g/m²/month | |
| Monitoring Point 4 (DD5) | 12/05/2026 | Ash | 1.15 | g/m²/month | |
| Monitoring Point 4 (DD5) | 12/05/2026 | Combustible Solids | 0.13 | g/m²/month | |
| Monitoring Point 7 (DD10) | 12/05/2026 | Insoluble Solids | 1.48 | g/m²/month | |
| Monitoring Point 7 (DD10) | 12/05/2026 | Ash | 0.97 | g/m²/month | |
| Monitoring Point 7 (DD10) | 12/05/2026 | Combustible Solids | 0.52 | g/m²/month | |
| Monitoring Point 8 (DD6) | 12/05/2026 | Insoluble Solids | 1.29 | g/m²/month | |
| Monitoring Point 8 (DD6) | 12/05/2026 | Ash | 0.87 | g/m²/month | |
| Monitoring Point 8 (DD6) | 12/05/2026 | Combustible Solids | 0.42 | g/m²/month | |
| **February 2026** | | | | | |
| Monitoring Point 2 (DD2) | 23/03/2026 | Insoluble Solids | 3.85 | g/m²/month | |
| Monitoring Point 2 (DD2) | 23/03/2026 | Ash | 2.23 | g/m²/month | |
| Monitoring Point 2 (DD2) | 23/03/2026 | Combustible Solids | 1.62 | g/m²/month | |
| Monitoring Point 4 (DD5) | 23/03/2026 | Insoluble Solids | 3.20 | g/m²/month | |
| Monitoring Point 4 (DD5) | 23/03/2026 | Ash | 1.86 | g/m²/month | |
| Monitoring Point 4 (DD5) | 23/03/2026 | Combustible Solids | 1.34 | g/m²/month | |
| Monitoring Point 7 (DD10) | 23/03/2026 | Insoluble Solids | 3.72 | g/m²/month | |
| Monitoring Point 7 (DD10) | 23/03/2026 | Ash | 2.00 | g/m²/month | |
| Monitoring Point 7 (DD10) | 23/03/2026 | Combustible Solids | 1.73 | g/m²/month | |
| Monitoring Point 8 (DD6) | 23/03/2026 | Insoluble Solids | 2.52 | g/m²/month | |
| Monitoring Point 8 (DD6) | 23/03/2026 | Ash | 1.59 | g/m²/month | |
| Monitoring Point 8 (DD6) | 23/03/2026 | Combustible Solids | 0.94 | g/m²/month | |
| **January 2026** | | | | | |
| Monitoring Point 2 (DD2) | 09/03/2026 | Insoluble Solids | **4.07** | g/m²/month | DD5 had a high insect content dead insects inside |

| | | | | | |
|---|---|---|---|---|---|
| Monitoring Point 2 (DD2) | 09/03/2026 | Ash | 1.85 | g/m²/month | |
| Monitoring Point 2 (DD2) | 09/03/2026 | Combustible Solids | 2.22 | g/m²/month | |
| Monitoring Point 4 (DD5) | 09/03/2026 | Insoluble Solids | **5.54** | g/m²/month | |
| Monitoring Point 4 (DD5) | 09/03/2026 | Ash | 2.00 | g/m²/month | |
| Monitoring Point 4 (DD5) | 09/03/2026 | Combustible Solids | 3.54 | g/m²/month | |
| Monitoring Point 7 (DD10) | 09/03/2026 | Insoluble Solids | 1.99 | g/m²/month | |
| Monitoring Point 7 (DD10) | 09/03/2026 | Ash | 1.06 | g/m²/month | |
| Monitoring Point 7 (DD10) | 09/03/2026 | Combustible Solids | 0.93 | g/m²/month | |
| Monitoring Point 8 (DD6) | 09/03/2026 | Insoluble Solids | 3.57 | g/m²/month | |
| Monitoring Point 8 (DD6) | 09/03/2026 | Ash | 1.06 | g/m²/month | |
| Monitoring Point 8 (DD6) | 09/03/2026 | Combustible Solids | 2.45 | g/m²/month | |
| **December 2025** | | | | | |
| Monitoring Point 2 (DD2) | 28/01/2026 | Insoluble Solids | 3.68 | g/m²/month | DD5 had a high content of dead insects inside |
| Monitoring Point 2 (DD2) | 28/01/2026 | Ash | 1.48 | g/m²/month | |
| Monitoring Point 2 (DD2) | 28/01/2026 | Combustible Solids | 2.20 | g/m²/month | |
| Monitoring Point 4 (DD5) | 28/01/2026 | Insoluble Solids | **7.38** | g/m²/month | |
| Monitoring Point 4 (DD5) | 28/01/2026 | Ash | 3.32 | g/m²/month | |
| Monitoring Point 4 (DD5) | 28/01/2026 | Combustible Solids | 4.07 | g/m²/month | |
| Monitoring Point 7 (DD10) | 28/01/2026 | Insoluble Solids | **4.30** | g/m²/month | |
| Monitoring Point 7 (DD10) | 28/01/2026 | Ash | 1.95 | g/m²/month | |
| Monitoring Point 7 (DD10) | 28/01/2026 | Combustible Solids | 2.35 | g/m²/month | |
| Monitoring Point 8 (DD6) | 28/01/2026 | Insoluble Solids | 3.71 | g/m²/month | |
| Monitoring Point 8 (DD6) | 28/01/2026 | Ash | 1.83 | g/m²/month | |
| Monitoring Point 8 (DD6) | 28/01/2026 | Combustible Solids | 1.88 | g/m²/month | |
| **November 2025** | | | | | |
| Monitoring Point 2 (DD2) | 21/01/2026 | Insoluble Solids | **4.26** | g/m²/month | DD5 had a high content of dead insects inside. |
| Monitoring Point 2 (DD2) | 21/01/2026 | Ash | 2.05 | g/m²/month | |
| Monitoring Point 2 (DD2) | 21/01/2026 | Combustible Solids | 2.21 | g/m²/month | |
| Monitoring Point 4 (DD5) | 21/01/2026 | Insoluble Solids | **17.49** | g/m²/month | |
| Monitoring Point 4 (DD5) | 21/01/2026 | Ash | 7.62 | g/m²/month | |
| Monitoring Point 4 (DD5) | 21/01/2026 | Combustible Solids | 9.87 | g/m²/month | |
| Monitoring Point 7 (DD10) | 21/01/2026 | Insoluble Solids | 2.81 | g/m²/month | |
| Monitoring Point 7 (DD10) | 21/01/2026 | Ash | 1.52 | g/m²/month | |
| Monitoring Point 7 (DD10) | 21/01/2026 | Combustible Solids | 1.30 | g/m²/month | |
| Monitoring Point 8 (DD6) | 21/01/2026 | Insoluble Solids | **4.37** | g/m²/month | |
| Monitoring Point 8 (DD6) | 21/01/2026 | Ash | 1.92 | g/m²/month | |
| Monitoring Point 8 (DD6) | 21/01/2026 | Combustible Solids | 2.45 | g/m²/month | |
| **October 2025** | | | | | |
| Monitoring Point 2 (DD2) | 18/11/2025 | Insoluble Solids | 1.71 | g/m²/month | DD5 dust bottle was found tipped over and broken on 9th October. Therefore, sampling period was shorter than normal.<br>Significant amount of bird droppings found inside the bottle. |
| Monitoring Point 2 (DD2) | 18/11/2025 | Ash | 0.89 | g/m²/month | |
| Monitoring Point 2 (DD2) | 18/11/2025 | Combustible Solids | 0.82 | g/m²/month | |
| Monitoring Point 4 (DD5) | 18/11/2025 | Insoluble Solids | **20.53** | g/m²/month | |
| Monitoring Point 4 (DD5) | 18/11/2025 | Ash | 9.33 | g/m²/month | |
| Monitoring Point 4 (DD5) | 18/11/2025 | Combustible Solids | 11.20 | g/m²/month | |
| Monitoring Point 7 (DD10) | 18/11/2025 | Insoluble Solids | 1.57 | g/m²/month | |
| Monitoring Point 7 (DD10) | 18/11/2025 | Ash | 0.95 | g/m²/month | |
| Monitoring Point 7 (DD10) | 18/11/2025 | Combustible Solids | 0.63 | g/m²/month | |

| | | | | | |
|---|---|---|---|---|---|
| Monitoring Point 8 (DD6) | 18/11/2025 | Insoluble Solids | 3.53 | g/m²/month | |
| Monitoring Point 8 (DD6) | 18/11/2025 | Ash | 1.69 | g/m²/month | |
| Monitoring Point 8 (DD6) | 18/11/2025 | Combustible Solids | 1.84 | g/m²/month | |
| **September 2025** | | | | | |
| Monitoring Point 2 (DD2) | 24/10/2025 | Insoluble Solids | 0.59 | g/m²/month | Monitoring point 4 (DD5) had a significant amount of snail droppings, which can be seen in the high values. |
| Monitoring Point 2 (DD2) | 24/10/2025 | Ash | 0.51 | g/m²/month | |
| Monitoring Point 2 (DD2) | 24/10/2025 | Combustible Solids | 0.08 | g/m²/month | |
| Monitoring Point 4 (DD5) | 24/10/2025 | Insoluble Solids | **14.84** | g/m²/month | |
| Monitoring Point 4 (DD5) | 24/10/2025 | Ash | 6.80 | g/m²/month | |
| Monitoring Point 4 (DD5) | 24/10/2025 | Combustible Solids | 8.04 | g/m²/month | |
| Monitoring Point 7 (DD10) | 24/10/2025 | Insoluble Solids | 1.12 | g/m²/month | |
| Monitoring Point 7 (DD10) | 24/10/2025 | Ash | 0.70 | g/m²/month | |
| Monitoring Point 7 (DD10) | 24/10/2025 | Combustible Solids | 0.42 | g/m²/month | |
| Monitoring Point 8 (DD6) | 24/10/2025 | Insoluble Solids | 1.95 | g/m²/month | |
| Monitoring Point 8 (DD6) | 24/10/2025 | Ash | 1.15 | g/m²/month | |
| Monitoring Point 8 (DD6) | 24/10/2025 | Combustible Solids | 0.80 | g/m²/month | |
| **August 2025** | | | | | |
| Monitoring Point 2 (DD2) | 22/09/2025 | Insoluble Solids | 0.72 | g/m²/month | All within compliance limits.<br>DD5 dust bottle was found tipped over and broken on 29 July. Therefore, sampling period was shorter than normal. |
| Monitoring Point 2 (DD2) | 22/09/2025 | Ash | 0.46 | g/m²/month | |
| Monitoring Point 2 (DD2) | 22/09/2025 | Combustible Solids | 0.25 | g/m²/month | |
| Monitoring Point 4 (DD5) | 22/09/2025 | Insoluble Solids | 1.63 | g/m²/month | |
| Monitoring Point 4 (DD5) | 22/09/2025 | Ash | 1.14 | g/m²/month | |
| Monitoring Point 4 (DD5) | 22/09/2025 | Combustible Solids | 0.49 | g/m²/month | |
| Monitoring Point 7 (DD10) | 22/09/2025 | Insoluble Solids | 1.08 | g/m²/month | |
| Monitoring Point 7 (DD10) | 22/09/2025 | Ash | 0.74 | g/m²/month | |
| Monitoring Point 7 (DD10) | 22/09/2025 | Combustible Solids | 0.34 | g/m²/month | |
| Monitoring Point 8 (DD6) | 22/09/2025 | Insoluble Solids | 0.71 | g/m²/month | |
| Monitoring Point 8 (DD6) | 22/09/2025 | Ash | 0.40 | g/m²/month | |
| Monitoring Point 8 (DD6) | 22/09/2025 | Combustible Solids | 0.31 | g/m²/month | |
| **July 2025** | | | | | |
| Monitoring Point 2 (DD2) | 22/08/2025 | Insoluble Solids | 0.24 | g/m²/month | All within compliance limits. |
| Monitoring Point 2 (DD2) | 22/08/2025 | Ash | 0.13 | g/m²/month | |
| Monitoring Point 2 (DD2) | 22/08/2025 | Combustible Solids | 0.11 | g/m²/month | |
| Monitoring Point 4 (DD5) | 22/08/2025 | Insoluble Solids | 3.09 | g/m²/month | |
| Monitoring Point 4 (DD5) | 22/08/2025 | Ash | 1.79 | g/m²/month | |
| Monitoring Point 4 (DD5) | 22/08/2025 | Combustible Solids | 1.30 | g/m²/month | |
| Monitoring Point 7 (DD10) | 22/08/2025 | Insoluble Solids | 0.58 | g/m²/month | |
| Monitoring Point 7 (DD10) | 22/08/2025 | Ash | 0.28 | g/m²/month | |
| Monitoring Point 7 (DD10) | 22/08/2025 | Combustible Solids | 0.30 | g/m²/month | |
| Monitoring Point 8 (DD6) | 22/08/2025 | Insoluble Solids | 1.06 | g/m²/month | |
| Monitoring Point 8 (DD6) | 22/08/2025 | Ash | 0.51 | g/m²/month | |
| Monitoring Point 8 (DD6) | 22/08/2025 | Combustible Solids | 0.55 | g/m²/month | |

# Environmental Monitoring Report

## Water Monitoring

## Dunmore Lakes Sand Project

November 2026 Report

Reporting period: July 2025 to October 2026. Water Quality Monitoring is conducted as per condition M2.3 of EPL 11147.

| Dunmore Lakes Sand Project Information | |
|---|---|
| **Premise Details** | Boral – Dunmore Lakes Sand Project |
| **Address** | Princes Hwy, Dunmore NSW 2529 |
| **Licensee** | Boral Resources (NSW) PTY LTD |
| **EPL No** | 11147 |
| **EPL Location** | EPA website - EPL11147 |

**Water Quality**

| Location | Date | Monitoring Frequency | Pollutant | Measurement | Unit | Comment |
|---|---|---|---|---|---|---|
| **October 2026** | | | | | | |
| Monitoring Point 9 DW16 | - | Daily during discharge | pH | - | pH | No discharge |
| | | | TSS | - | mg/L | |
| **September 2026** | | | | | | |
| Monitoring Point 9 DW16 | - | Daily during discharge | pH | - | pH | No discharge |
| | | | TSS | - | mg/L | |
| **August 2026** | | | | | | |
| Monitoring Point 9 DW16 | - | Daily during discharge | pH | - | pH | No discharge |
| | | | TSS | - | mg/L | |
| **July 2026** | | | | | | |
| Monitoring Point 9 DW16 | - | Daily during discharge | pH | - | pH | No discharge |
| | | | TSS | - | mg/L | |
| **June 2026** | | | | | | |
| Monitoring Point 9 DW16 | - | Daily during discharge | pH | - | pH | No discharge |
| | | | TSS | - | mg/L | |
| **May 2026** | | | | | | |
| Monitoring Point 9 DW16 | - | Daily during discharge | pH | - | pH | No discharge |
| | | | TSS | - | mg/L | |
| **April 2026** | | | | | | |
| Monitoring Point 9 DW16 | - | Daily during discharge | pH | - | pH | No discharge |
| | | | TSS | - | mg/L | |
| **March 2026** | | | | | | |
| Monitoring Point 9 DW16 | - | Daily during discharge | pH | - | pH | No discharge |
| | | | TSS | - | mg/L | |
| **February 2026** | | | | | | |
| Monitoring Point 9 DW16 | - | Daily during discharge | pH | - | pH | No discharge |
| | | | TSS | - | mg/L | |
| **January 2026** | | | | | | |
| Monitoring Point 9 DW16 | 22/01/2026 | Daily during discharge | pH | 8.20 | pH | Uncontrolled discharge event due to heavy rain (117mm in 24h) |
| Monitoring Point 9 DW16 | 22/01/2026 | Daily during discharge | TSS | 15.00 | mg/L | |
| Monitoring Point 9 DW16 | 21/01/2026 | Daily during discharge | pH | 8.21 | pH | Uncontrolled discharge event due to heavy rain (117mm in 24h) |

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|---|---|---|---|---|---|---|
| Monitoring Point 9 DW16 | 21/01/2026 | Daily during discharge | TSS | 14.00 | mg/L | |
| Monitoring Point 9 DW16 | 20/01/2026 | Daily during discharge | pH | 8.32 | pH | Uncontrolled discharge event due to heavy rain (117mm in 24h) |
| Monitoring Point 9 DW16 | 20/01/2026 | Daily during discharge | TSS | 12.00 | mg/L | |
| Monitoring Point 9 DW16 | 19/01/2026 | Daily during discharge | pH | 8.25 | pH | Uncontrolled discharge event due to heavy rain (117mm in 24h) |
| Monitoring Point 9 DW16 | 19/01/2026 | Daily during discharge | TSS | 31.00 | mg/L | |
| Monitoring Point 9 DW16 | 18/01/2026 | Daily during discharge | pH | - | pH | No discharge |
| Monitoring Point 9 DW16 | 18/01/2026 | Daily during discharge | TSS | - | mg/L | |
| **December 2025** | | | | | | |
| Monitoring Point 9 DW16 | - | Daily during discharge | pH | - | pH | No discharge |
| Monitoring Point 9 DW16 | - | Daily during discharge | TSS | - | mg/L | |
| **November 2025** | | | | | | |
| Monitoring Point 9 DW16 | - | Daily during discharge | pH | - | pH | No discharge |
| Monitoring Point 9 DW16 | - | Daily during discharge | TSS | - | mg/L | |
| **October 2025** | | | | | | |
| Monitoring Point 9 DW16 | - | Daily during discharge | pH | - | pH | No discharge |
| Monitoring Point 9 DW16 | - | Daily during discharge | TSS | - | mg/L | |
| **September 2025** | | | | | | |
| Monitoring Point 9 DW16 | 16/09/2025 | Daily during discharge | pH | 7.84 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 16/09/2025 | Daily during discharge | TSS | 11.00 | mg/L | |
| Monitoring Point 9 DW16 | 15/09/2025 | Daily during discharge | pH | 8.00 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 15/09/2025 | Daily during discharge | TSS | 12.00 | mg/L | |
| Monitoring Point 9 DW16 | 14/09/2025 | Daily during discharge | pH | 7.95 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 14/09/2025 | Daily during discharge | TSS | 14.00 | mg/L | |
| Monitoring Point 9 DW16 | 13/09/2025 | Daily during discharge | pH | 7.81 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 13/09/2025 | Daily during discharge | TSS | 19.00 | mg/L | |
| Monitoring Point 9 DW16 | 12/09/2025 | Daily during discharge | pH | 7.82 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 12/09/2025 | Daily during discharge | TSS | 16.00 | mg/L | |
| **August 2025** | | | | | | |
| Monitoring Point 9 DW16 | 25/08/2025 | Daily during discharge | pH | 7.88 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 25/08/2025 | Daily during discharge | TSS | 6.00 | mg/L | |

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|---|---|---|---|---|---|---|
| Monitoring Point 9 DW16 | 24/08/2025 | Daily during discharge | pH | 7.04 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 24/08/2025 | Daily during discharge | TSS | 6.00 | mg/L | |
| Monitoring Point 9 DW16 | 23/08/2025 | Daily during discharge | pH | 7.11 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 23/08/2025 | Daily during discharge | TSS | 10.00 | mg/L | |
| Monitoring Point 9 DW16 | 22/08/2025 | Daily during discharge | pH | 7.65 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 22/08/2025 | Daily during discharge | TSS | 8.00 | mg/L | |
| Monitoring Point 9 DW16 | 21/08/2025 | Daily during discharge | pH | 7.83 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 21/08/2025 | Daily during discharge | TSS | <5 | mg/L | |
| Monitoring Point 9 DW16 | 12/08/2025 | Weekly until a 200mm freeboard is reached | pH | 7.51 | pH | |
| Monitoring Point 9 DW16 | 12/08/2025 | Weekly until a 200mm freeboard is reached | TSS | <5 | mg/L | |
| Monitoring Point 9 DW16 | 07/08/2025 | Daily during discharge | pH | 7.98 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 07/08/2025 | Daily during discharge | TSS | 9.00 | mg/L | |
| Monitoring Point 9 DW16 | 06/08/2025 | Daily during discharge | pH | 7.90 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 06/08/2025 | Daily during discharge | TSS | 10.00 | mg/L | |
| Monitoring Point 9 DW16 | 05/08/2025 | Daily during discharge | pH | 6.86 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 05/08/2025 | Daily during discharge | TSS | 10.00 | mg/L | |
| Monitoring Point 9 DW16 | 04/08/2025 | Daily during discharge | pH | 7.80 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 04/08/2025 | Daily during discharge | TSS | 12.00 | mg/L | |
| Monitoring Point 9 DW16 | 03/08/2025 | Daily during discharge | pH | 7.99 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 03/08/2025 | Daily during discharge | TSS | 17.00 | mg/L | |
| **July 2025** | | | | | | |
| Monitoring Point 9 DW16 | 06/07/2025 | Daily during discharge | pH | 7.52 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 06/07/2025 | Daily during discharge | TSS | 10.00 | mg/L | |
| Monitoring Point 9 DW16 | 05/07/2025 | Daily during discharge | pH | 7.64 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 05/07/2025 | Daily during discharge | TSS | 22.00 | mg/L | |
| Monitoring Point 9 DW16 | 04/07/2025 | Daily during discharge | pH | 7.77 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 04/07/2025 | Daily during discharge | TSS | 10.00 | mg/L | |

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|---|---|---|---|---|---|---|
| Monitoring Point 9 DW16 | 03/07/2025 | Daily during discharge | pH | 8.06 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 03/07/2025 | Daily during discharge | TSS | 16.00 | mg/L | |
| Monitoring Point 9 DW16 | 02/07/2025 | Daily during discharge | pH | 8.18 | pH | Uncontrolled discharge event due to continuous heavy rain. |
| Monitoring Point 9 DW16 | 02/07/2025 | Daily during discharge | TSS | 28.00 | mg/L | |

Further historical monitoring data relating to water quality can be found in the associated **Annual Reviews** for each year. Location of the Dunmore Lakes Sand Project Annual Reviews can be found at https://www.boral.com.au/locations/boral-operations-dunmore/boral-sand-and-soil-dunmore