

Widemere Recycling

Environmental Monitoring Report

Date Published: 15 March 2022



Widemere Recycling Environmental Monitoring Report

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 11815 (EPL 11815 – Boral Widemere Recycling).

This report provides environmental monitoring data for Widemere Recycling for the period 1st January 2015 to 1st March 2022.

Widemere Recycling Information	
Premise Details	Boral – Widemere Recycling
Address	38 Widemere Road, Wetherill Park NSW, 2164
Licensee	Boral Recycling PTY LTD
EPL N°	11815
EPL Location	http://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=129643&SYSUID=1&LICID=11815

Monitoring data in this report relates to the monitoring undertaken in the reporting period for the following environmental pollutants:

- Deposited Dust
- Water Quality
- Water Volume

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Air Quality

Air Quality Monitoring is conducted as per condition M2.1 of EPL 11815. The air quality results for the reporting period are tabled below.

Deposited Dust

Deposited Dust (g/m²/month) results for September 2021

Sample Period: September 2021
Date received: 15 September 2021
Licensee: Widemere Recycling
Licensee Address: 38 Widemere Rd, Wetherill Park NSW 2164
EPL No: 11815

Qualifications related to Dust

Air Emissions Monitoring - Dust Deposition Gauge

Latest Results				
Location	Monitoring Frequency	Pollutant	Measurement	Unit
Monitoring Point 1	Monthly	Ash	1.19	g/m ² /month
		Insoluble Solids	1.39	g/m ² /month
		Soluble Matter	0.46	g/m ² /month
		Total Solid Particles	1.85	g/m ² /month

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Monthly Dust Monitoring	Site 2 (EPL ID#1)			
	SW Corner			
	Insoluble Solids	Ash	Total Solids	
	g/m ² /mth	g/m ² /mth	g/m ² /mth	
Jan-2015	2.55	2.24	2.76	
Feb-2015	7.40	4.95	8.93	
Mar-2015	5.58	5.02	8.47	
Apr-2015	2.58	2.29	3.18	
May-2015	5.17	4.54	5.44	
Jun-2015				
Jul-2015	4.22	3.34	4.73	
Aug-2015	8.46	6.76	9.02	
Sep-2015	5.22	2.75	5.66	
Oct-2015	5.11	3.64	8.57	
Nov-2015	3.61	2.42	4.82	
Dec-2015	3.89	3.24	4.40	
Jan-2016				
Feb-2016	7.05	5.20	9.74	
Mar-2016	5.59	5.10	7.89	
Apr-2016	7.01	6.25	10.38	
May-2016	9.04	7.70	10.56	
Jun-2016	4.65	3.59	4.70	
Jul-2016	2.78	2.00	4.92	
Aug-2016	2.37	1.63	3.71	
Sep-2016	4.49	3.06	7.07	
Oct-2016	8.20	5.88	13.11	
Nov-2016	6.85	6.44	9.77	
Dec-2016	4.30	3.36	6.69	
Jan-2017	6.69	5.16	9.57	
Feb-2017	16.86	12.78	20.81	
Mar-2017	4.44	2.32	4.70	
Apr-2017	4.59	3.70	8.64	
May-2017	7.87	6.56	9.10	
Jun-2017	15.31	13.59	17.46	
Jul-2017	5.46	4.02	6.43	
Aug-2017	12.28	9.29	14.78	
Sep-2017	2.02	1.40	4.57	
Oct-2017	11.63	8.70	17.95	
Nov-2017	7.05	5.76	10.39	
Dec-2017	10.74	8.98	13.41	
Jan-2018	3.29	2.76	6.35	
Feb-2018	6.69	5.40	9.88	
Mar-2018	3.35	2.22	6.01	
Apr-2018	4.97	4.89	7.60	
May-2018	5.31	4.44	7.10	
Jun-2018	3.86	3.19	5.16	
Jul-2018	3.99	3.24	6.03	
Aug-2018	5.93	3.94	7.88	
Sep-2018	4.99	2.79	5.67	

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Monthly Dust Monitoring	Insoluble Solids	Ash	Total Solids	Comments
Oct-2018	3.16	2.62	4.36	
Nov-2018	9.41	6.73	12.37	
Dec-2018	4.76	3.67	5.76	Results cover two months of dust deposition
Jan-2019	4.76	3.67	5.76	
Feb-2019	10.54	8.12	10.20	
Mar-2019	6.34	4.53	8.24	
Apr-2019	1.13	1.08	3.36	
May-2019	4.62	3.76	5.09	
Jun-2019	2.34	1.91	2.78	
Jul-2019	2.69	1.90	4.09	
Aug-2019	6	3.51	7.11	
Sep-2019	7.65	5.92	18.43	
Oct-2019	2.64	2.25	4.31	
Nov-2019	3.71	3.25	5.11	
Dec-2019	7.45	6.32	9.18	
Jan-2020	5.18	4.24	6.76	
Feb-2020	9.33	6.75	10.76	
Mar-2020	5.34	3.90	6.47	
Apr-2020	3.93	3.66	4.88	
May-2020	1.86	1.75	2.9	
Jun-2020	1.12	0.98	1.74	
Jul-2020	3.19	2.12	3.49	
Aug-2020	1.69	1.33	2.78	
Sep-2020	5.43	2.74	6.33	
Oct-2020	3.18	2.14	4.04	
Nov-2020	2.55	2.39	3.35	
Dec-2020	6.00	4.77	7.89	Results cover two months of dust deposition
Jan-2021	6.00	4.77	7.89	
Feb-2021	1.85	1.60	3.69	
Mar-2021	2.55	2.21	3.70	
Apr-2021	1.80	1.28	2.64	
May-2021	5.29	3.84	5.36	
Jun-2021	4.25	3.55	4.28	Delay in receiving samples from laboratory due to COVID
Jul-2021	2.16	1.72	2.21	
Aug-2021	4.16	3.94	4.71	
Sep-2021	8.13	5.61	8.26	
Oct-2021	2.80	2.36	3.12	
Nov-2021	7.15	6.57	7.44	
Dec-2021	8.21	7.64	10.19	
Jan-2022	1.39	1.19	1.85	

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Water Monitoring

- 1) Water Quality Monitoring is conducted as per condition M2.1 of EPL 11815. The water quality results for the reporting period are tabled below

Note that condition U1 of EPL 11815 prohibits any discharge from site occurring.

Sample Period: NA
 Date Received: NA
 Licensee: Widemere Recycling
 Licensee Address: 38 Widemere Rd, Wetherill Park NSW 2164
 EPL No: 11815

Qualifications related to Water

*Sampling only occurs at Monitoring point #2 daily during discharge from site.

L3 Concentration limits

Water and Land

POINT 2

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile Concentration Limit
Oil and Grease	milligrams per litre				10
pH	pH				6.5-8.5
Turbidity	nephelometric turbidity units				150
Total suspended solids	milligrams per litre				50

Results										
Location	Sampling Date	Results Received	pH	Compliant?	TSS (mg/L)	Compliant?	Turbidity (NTU)	Compliant?	Oil & Grease	Compliant ?

No discharge off site for reporting period.

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Historical Results

Water Discharge	Lab samples - Site 1 (EPL ID # 2)					
	pH	Turbidity	O & G	TSS	KL discharged	5 day Prior Rainfall
	pH	NTU	mg/L	mg/L	KL	mm
Date Sampled	6.5 - 8.5	50	10	150.0	100	>45
2/04/2015	7.9	6.4	1.4	6.4	94.0	59.4
4/04/2015	8.1	6.5	1.5	6.4	6	81.9
21/04/2015	7.8	90.0	1.7	88.0	93	119.7
22/04/2015	8.1	34.0	2.2	63.0	97	207.1
23/04/2015	8.2	42.0	2.9	67.0	93	250.3
24/04/2015	8.1	29.0	3	55.0	86	245.6
19/06/2015	7.9	25.0	1.5	17.0	52	56.9
5/01/2016	7.2	20.0	0.8	33.0	95	74.7
6/01/2016	7.5	45.0	0.6	82.0	99	134.5
7/01/2016	7.5	40.0	0.7	101.0	98	153.5
8/01/2016	7.5	23.0	1.1	32.0	93	153.5
9/01/2016	7.5	24.0	0.8	47.0	90	110.8
18/01/2016	7.7	35.0	1.3	54.0	35	42.5
31/01/2016	7.2	13.0	0.8	12.0	100	66.3
1/02/2016	7.3	17.0	0.5	15.0	813	66.3
2/02/2016	7.3	14.0	0.4	6.4	100	66.6
3/02/2016	7.4	27.0	0.9	10.0	100	64.4
6/06/2016	7.7	20.0	0.8	21.0	97	256.6
7/06/2016	7.0	27.0	1	24.0	99	255.2
8/06/2016	6.9	7.1	0.7	11.0	99	255.2
9/06/2016	7.1	5.7	0.7	14.0	99	245.2
2/03/2017*	11.0	100.0	1	118.0	NA	108.8
18/03/2017*	11.0	12.0	1.7	8.0	NA	132.1

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2) Water Volume is monitored as per condition M6.1 of EPL 11815. The water volume results for the reporting period are tabled below.

Note that condition U1 of EPL 11815 prohibits any discharge from site occurring.

Sample Period: NA
Date Received: NA
Licensee: Widemere Recycling
Licensee Address: 38 Widemere Rd, Wetherill Park NSW 2164
EPL No: 11815

Qualifications related to Water

* Sampling only occurs at Monitoring point #2 daily during discharge from site.

L4.1 Volume Limits

L4 Volume and mass limits

L4.1 For each discharge point or utilisation area specified below (by a point number), the volume/mass of:

- (a) liquids discharged to water; or;
- (b) solids or liquids applied to the area;

must not exceed the volume/mass limit specified for that discharge point or area.

Point	Unit of measure	Volume/Mass Limit
2	kilolitres per day	100

Results				
Location	Sampling Date	Results Received	Discharge Volume (KL)	Compliant
Point 2				

*Uncontrolled overflows (>45mm/5 day events)

