

WEST WALLSEND UNDERGROUND

GLENCORE

EPL 1360

Oceanic Coal Australia Pty Limited 1 The Broadway Killingworth NSW 2278

<http://app.epa.nsw.gov.au/prpoeoapp/SearchResult.aspx?SearchTag=licence&searchrange=licence&range=licence>



March 2019

Monthly Monitoring Data

Depositional Dust

Table 1: Depositional Dust Monitoring Results for EPA Points 4-10.

Sampling Method: Australian Standard 3580.10.1-2003

Sampling Frequency: Monthly Continuous

Site	Sample Date	Received Date	Deposited Matter (g/m ²)	Annual Average (g/m ²)	Ash Residue (g/m ²)	Published Date
EPA Point 4	15/03/2019	5/04/2019	5.4c	3.2	1.4	5/04/2019
EPA Point 5	15/03/2019	5/04/2019	7.4c	7.4	1.4	5/04/2019
EPA Point 6	15/03/2019	5/04/2019	2.3	2.3	1.7	5/04/2019
EPA Point 7	15/03/2019	5/04/2019	2.1	2.1	1.5	5/04/2019
EPA Point 8	15/03/2019	5/04/2019	1.5	1.5	1.0	5/04/2019
EPA Point 9	15/03/2019	5/04/2019	1.0	1.0	0.7	5/04/2019
EPA Point 10	15/03/2019	5/04/2019	0.4	0.4	0.2	5/04/2019

c - contaminated with insects

** - not sampled*

Noise Monitoring

Quarterly noise monitoring results can be found on the West Wallsend Underground website:

<http://www.westwallsendmine.com.au/en/Publications/Pages/environmental-monitoring-data.aspx>

Contact Details

For further information or any other concerns in relation to West Wallsend Underground Operations please contact West Wallsend's Environment and Community Manager

Ben Clibborn on : (02) 49 412 163

Water Quality & Discharge Volumes

Table 2: Daily Surface Water Monitoring Results for EPA Point 1

Sampling Method Water Quality: Grab Sample

Sampling Method Discharge Volume: Flow Meter

Sampling Frequency Water Quality: Weekly During Discharge

Sampling Frequency Discharge Volume: Continuous During Discharge - Special Method 1

Date Sampled	Conductivity µs/cm	pH	TSS mg/L	Oil & Grease mg/L	Volume kL	Discharge Limit (kL) / Day
1/03/19	-	-	-	-	0.0	6000
2/03/19	-	-	-	-	0.0	6000
3/03/19	-	-	-	-	0.0	6000
4/03/19	-	-	-	-	0.0	6000
5/03/19	-	-	-	-	0.0	6000
6/03/19	-	-	-	-	0.0	6000
7/03/19	-	-	-	-	0.0	6000
8/03/19	-	-	-	-	0.0	6000
9/03/19	-	-	-	-	0.0	6000
10/03/19	-	-	-	-	0.0	6000
11/03/19	-	-	-	-	0.0	6000
12/03/19	-	-	-	-	0.0	6000
13/03/19	-	-	-	-	0.0	6000
14/03/19	-	-	-	-	0.0	6000
15/03/19	-	-	-	-	0.0	6000
16/03/19	-	-	-	-	0.0	6000
17/03/19	1020	8.7	349*	-	1558.4	6000
18/03/19	-	-	-	13.0	4471.9	6000
19/03/19	-	-	-	-	3931.8	6000
20/03/19	-	-	-	-	2646.1	6000
21/03/19	935	8.2	184*	250.0	1503.4	6000
22/03/19	-	-	-	-	1582.4	6000
23/03/19	-	-	-	-	1799.4	6000
24/03/19	-	-	-	-	1881.7	6000
25/03/19	-	-	-	-	1036.2	6000
26/03/19	-	-	-	-	379.0	6000
27/03/19	-	-	-	-	0.0	6000
28/03/19	-	-	-	-	0.0	6000
29/03/19	-	-	-	-	0.0	6000
30/03/19	-	-	-	-	0.0	6000
31/03/19	-	-	-	-	0.0	6000

- No discharge

* Exemption applied

Parameter	EPL Limit	ReceivedDate	PublishedDate
pH	6.5 - 9.0	-	-
TSS (mg/L)	50	3/04/2019	5/04/2019

Water Quality & Discharge Volumes

Table 3: Surface Water Monitoring Results for EPA Point 2

Sampling Method Water Quality: Grab Sample

Sampling Method Discharge Volume: Flow Meter

Sampling Frequency Water Quality: Once a Month During Discharge

Sampling Frequency Discharge Volume: Continuous During Discharge - Special Method 1

Date Sampled	Conductivity µs/cm	pH	TSS mg/L	Volume kL	Limit (kL) / Day
1/03/19	-	-	-	-	4000
2/03/19	-	-	-	-	4000
3/03/19	-	-	-	-	4000
4/03/19	-	-	-	-	4000
5/03/19	-	-	-	-	4000
6/03/19	-	-	-	-	4000
7/03/19	-	-	-	-	4000
8/03/19	-	-	-	-	4000
9/03/19	-	-	-	-	4000
10/03/19	-	-	-	-	4000
11/03/19	-	-	-	-	4000
12/03/19	-	-	-	-	4000
13/03/19	-	-	-	-	4000
14/03/19	-	-	-	-	4000
15/03/19	-	-	-	-	4000
16/03/19	-	-	-	-	4000
17/03/19	-	-	-	-	4000
18/03/19	-	-	-	-	4000
19/03/19	-	-	-	-	4000
20/03/19	317.0	7.4	11.0	1374.6	4000
21/03/19	-	-	-	1661.8	4000
22/03/19	-	-	-	983.8	4000
23/03/19	-	-	-	714.8	4000
24/03/19	-	-	-	485.5	4000
25/03/19	-	-	-	199.4	4000
26/03/19	-	-	-	363.4	4000
27/03/19	-	-	-	727.3	4000
28/03/19	-	-	-	726.5	4000
29/03/19	-	-	-	1115.1	4000
30/03/19	-	-	-	1282.3	4000
31/03/19	-	-	-	254.6	4000

- No discharge

Parameter	EPL Limit	Received Date	Published Date
Conductivity (µs/cm)	10000		
pH	6.5 - 9.0		
TSS (mg/L)	50	21/03/2019	5/04/2019

