

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>



December 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	12/12/2019	3/01/2020	2.2	1.2	1.6	7/01/2020
EPA Point 5	12/12/2019	3/01/2020	1.9	1.0	1.4	7/01/2020
EPA Point 6	12/12/2019	3/01/2020	2.7	1.2	2.1	7/01/2020
EPA Point 7	12/12/2019	3/01/2020	3.4	1.1	2.2	7/01/2020
EPA Point 8	12/12/2019	3/01/2020	2.5	1.7	1.9	7/01/2020
EPA Point 9	12/12/2019	3/01/2020	6.6c	1.6	3.1	7/01/2020
EPA Point 10	12/12/2019	3/01/2020	2.5	1.3	1.7	7/01/2020

c - contaminated with insects

** - not sampled gauge fell over*

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
1/12/19	-	-	-	-	-	6000
2/12/19	-	-	-	-	-	6000
3/12/19	-	-	-	-	-	6000
4/12/19	-	-	-	-	-	6000
5/12/19	-	-	-	-	-	6000
6/12/19	-	-	-	-	-	6000
7/12/19	-	-	-	-	-	6000
8/12/19	-	-	-	-	-	6000
9/12/19	-	-	-	-	-	6000
10/12/19	-	-	-	-	-	6000
11/12/19	-	-	-	-	-	6000
12/12/19	-	-	-	-	-	6000
13/12/19	-	-	-	-	-	6000
14/12/19	-	-	-	-	-	6000
15/12/19	-	-	-	-	-	6000
16/12/19	-	-	-	-	-	6000
17/12/19	-	-	-	-	-	6000
18/12/19	-	-	-	-	-	6000
19/12/19	-	-	-	-	-	6000
20/12/19	-	-	-	-	-	6000
21/12/19	-	-	-	-	-	6000
22/12/19	-	-	-	-	-	6000
23/12/19	-	-	-	-	-	6000
24/12/19	-	-	-	-	-	6000
25/12/19	-	-	-	-	-	6000
26/12/19	-	-	-	-	-	6000
27/12/19	-	-	-	-	-	6000
28/12/19	-	-	-	-	-	6000
29/12/19	-	-	-	-	-	6000
30/12/19	-	-	-	-	-	6000
31/12/19	-	-	-	-	-	6000

- No discharge

+ Sample collected in previous m

* Exemption applied

Parameter	EPL Limit	ReceivedDate	PublishedDate
pH	6.5 - 9.0	-	-
TSS (mg/L)	50	-	7/01/2020

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
1/12/19	-	-	-	-	4000
2/12/19	-	-	-	-	4000
3/12/19	-	-	-	-	4000
4/12/19	-	-	-	-	4000
5/12/19	-	-	-	-	4000
6/12/19	-	-	-	-	4000
7/12/19	-	-	-	-	4000
8/12/19	-	-	-	-	4000
9/12/19	-	-	-	-	4000
10/12/19	-	-	-	-	4000
11/12/19	-	-	-	-	4000
12/12/19	-	-	-	-	4000
13/12/19	-	-	-	-	4000
14/12/19	-	-	-	-	4000
15/12/19	-	-	-	-	4000
16/12/19	-	-	-	-	4000
17/12/19	-	-	-	-	4000
18/12/19	-	-	-	-	4000
19/12/19	-	-	-	-	4000
20/12/19	-	-	-	-	4000
21/12/19	-	-	-	-	4000
22/12/19	-	-	-	-	4000
23/12/19	-	-	-	-	4000
24/12/19	-	-	-	-	4000
25/12/19	-	-	-	-	4000
26/12/19	-	-	-	-	4000
27/12/19	-	-	-	-	4000
28/12/19	-	-	-	-	4000
29/12/19	-	-	-	-	4000
30/12/19	-	-	-	-	4000
31/12/19	-	-	-	-	4000

- No discharge

Parameter	EPL Limit	Received Date	Published Date
Conductivity (µs/cm)	10000		
pH	6.5 - 9.0		
TSS (mg/L)	50	-	7/01/2020

