

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>



April 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	15/04/2019	8/05/2019	0.7	3.1	0.3	10/05/2019
EPA Point 5	15/04/2019	8/05/2019	0.7	0.7	0.4	10/05/2019
EPA Point 6	15/04/2019	8/05/2019	0.9	0.9	0.6	10/05/2019
EPA Point 7	15/04/2019	8/05/2019	1.8	1.8	1.2	10/05/2019
EPA Point 8	15/04/2019	8/05/2019	1.9	1.9	1.4	10/05/2019
EPA Point 9	15/04/2019	8/05/2019	1.8	1.8	0.6	10/05/2019
EPA Point 10	15/04/2019	8/05/2019	0.6	0.6	0.3	10/05/2019

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
1/04/19	876	8.2	154.0	-	1510	6000
2/04/19	-	-	-	15.0	4272	6000
3/04/19	-	-	-	-	3940	6000
4/04/19	-	-	-	-	3679	6000
5/04/19	-	-	-	-	3733	6000
6/04/19	-	-	-	-	3174	6000
7/04/19	-	-	-	-	1795	6000
8/04/19	768	8.0	43.0	<10	990	6000
9/04/19	-	-	-	-	675	6000
10/04/19	-	-	-	-	995	6000
11/04/19	-	-	-	-	732	6000
12/04/19	-	-	-	-	471	6000
13/04/19	-	-	-	-	0	6000
14/04/19	-	-	-	-	6	6000
15/04/19	-	-	-	-	0.2	6000
16/04/19	-	-	-	-	0.0	6000
17/04/19	-	-	-	-	0.0	6000
18/04/19	-	-	-	-	0.0	6000
19/04/19	-	-	-	-	0.0	6000
20/04/19	-	-	-	-	0.0	6000
21/04/19	-	-	-	-	0	6000
22/04/19	-	-	-	-	0	6000
23/04/19	-	-	-	-	0	6000
24/04/19	-	-	-	-	0	6000
25/04/19	-	-	-	-	0	6000
26/04/19	-	-	-	-	0	6000
27/04/19	-	-	-	-	0	6000
28/04/19	-	-	-	-	0	6000
29/04/19	-	-	-	-	0	6000
30/04/19	-	-	-	-	0	6000

- No discharge

Parameter	EPL Limit	ReceivedDate	PublishedDate
pH	6.5 - 9.0	-	-
TSS (mg/L)	50	9/04/2019	10/05/2019

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
1/04/19	-	-	-	0.0	4000
2/04/19	-	-	-	0.0	4000
3/04/19	-	-	-	0.0	4000
4/04/19	-	-	-	0.0	4000
5/04/19	191.0	7.6	24.0	132.3	4000
6/04/19	-	-	-	32.7	4000
7/04/19	-	-	-	5.9	4000
8/04/19	-	-	-	1199.2	4000
9/04/19	-	-	-	765.7	4000
10/04/19	-	-	-	463.8	4000
11/04/19	-	-	-	452.6	4000
12/04/19	-	-	-	198.6	4000
13/04/19	-	-	-	6.7	4000
14/04/19	-	-	-	3.4	4000
15/04/19	-	-	-	0.0	4000
16/04/19	-	-	-	0.0	4000
17/04/19	-	-	-	0.0	4000
18/04/19	-	-	-	0.0	4000
19/04/19	-	-	-	0.0	4000
20/04/19	-	-	-	0.0	4000
21/04/19	-	-	-	0.0	4000
22/04/19	-	-	-	0.0	4000
23/04/19	-	-	-	0.0	4000
24/04/19	-	-	-	0.0	4000
25/04/19	-	-	-	0.0	4000
26/04/19	-	-	-	0.0	4000
27/04/19	-	-	-	0.0	4000
28/04/19	-	-	-	0.0	4000
29/04/19	-	-	-	0.0	4000
30/04/19	-	-	-	0.0	4000

- No discharge

Parameter	EPL Limit	Received Date	Published Date
Conductivity (µs/cm)	10000		
pH	6.5 - 9.0		
TSS (mg/L)	50	5/04/2019	10/05/2019

