

WEST WALLSEND UNDERGROUND

GLENCORE

EPL 1360 Oceanic Coal Australia Pty Limited The Broadway Killingworth NSW 2278

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



September 2020

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	Recieved Date	Deposited Matter (g/m ²)	Annual Average (g/m ²)	Ash Residue (g/m ²)	Published Date
EPA Point 4	4/09/2020	7/10/2020	1.1	0.6	0.7	12/10/2020
EPA Point 5	4/09/2020	7/10/2020	0.6	0.4	0.4	12/10/2020
EPA Point 6	4/09/2020	7/10/2020	0.7	0.4	0.5	12/10/2020
EPA Point 7	4/09/2020	7/10/2020	0.4	0.3	0.2	12/10/2020
EPA Point 8	4/09/2020	7/10/2020	1.3	1.3	1.0	12/10/2020
EPA Point 9	4/09/2020	7/10/2020	0.6	0.9	0.4	12/10/2020
EPA Point 10	4/09/2020	7/10/2020	0.6	0.5	0.4	12/10/2020

c - contaminated with insects

** - not sampled*

Note: Dust gauge at EPA Point 6 was stolen.

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
1/09/20	-	-	-	-	0	6000
2/09/20	-	-	-	-	0	6000
3/09/20	-	-	-	-	0	6000
4/09/20	1080	8.1	45.0	<10	2381	6000
5/09/20	-	-	-	-	5934	6000
6/09/20	-	-	-	-	4913	6000
7/09/20	-	-	-	-	3691	6000
8/09/20	-	-	-	-	2749	6000
9/09/20	-	-	-	-	2099	6000
10/09/20	-	-	-	-	1675	6000
11/09/20	-	-	-	-	0	6000
12/09/20	-	-	-	-	0	6000
13/09/20	-	-	-	-	0	6000
14/09/20	-	-	-	-	0	6000
15/09/20	-	-	-	-	0	6000
16/09/20	-	-	-	-	0	6000
17/09/20	-	-	-	-	0	6000
18/09/20	-	-	-	-	0	6000
19/09/20	-	-	-	-	0	6000
20/09/20	-	-	-	-	0	6000
21/09/20	-	-	-	-	0	6000
22/09/20	-	-	-	-	0	6000
23/09/20	-	-	-	-	0	6000
24/09/20	-	-	-	-	0	6000
25/09/20	-	-	-	-	0	6000
26/09/20	-	-	-	-	0	6000
27/09/20	-	-	-	-	0	6000
28/09/20	-	-	-	-	0	6000
29/09/20	-	-	-	-	0	6000
30/09/20	-	-	-	-	0	6000

* Exemption applied

- No discharge

Parameter	EPL Limit	Received Date	Published Date
pH	6.5 - 9.0		
TSS (mg/L)	50	7/09/2020	12/10/2020

Date	As (Total) ug/L	B ug/L	Cd (Total) ug/L	Cr (Total) ug/L	Cu (Total) ug/L	Pb (Total) ug/L	Hg (Total) ug/L	Mo (Total) ug/L	Ni (Total) ug/L	Se (Total) ug/L	Zn (Total) ug/L
1/09/20	-	-	-	-	-	-	-	-	-	-	-
2/09/20	-	-	-	-	-	-	-	-	-	-	-
3/09/20	-	-	-	-	-	-	-	-	-	-	-
4/09/20	0.001	<0.05	<0.0002	<0.001	0.003	<0.001	<0.0001	<0.005	0.002	<0.001	0.05
5/09/20	-	-	-	-	-	-	-	-	-	-	-
6/09/20	-	-	-	-	-	-	-	-	-	-	-
7/09/20	-	-	-	-	-	-	-	-	-	-	-
8/09/20	-	-	-	-	-	-	-	-	-	-	-
9/09/20	-	-	-	-	-	-	-	-	-	-	-
10/09/20	-	-	-	-	-	-	-	-	-	-	-
11/09/20	-	-	-	-	-	-	-	-	-	-	-
12/09/20	-	-	-	-	-	-	-	-	-	-	-
13/09/20	-	-	-	-	-	-	-	-	-	-	-
14/09/20	-	-	-	-	-	-	-	-	-	-	-
15/09/20	-	-	-	-	-	-	-	-	-	-	-
16/09/20	-	-	-	-	-	-	-	-	-	-	-
17/09/20	-	-	-	-	-	-	-	-	-	-	-
18/09/20	-	-	-	-	-	-	-	-	-	-	-
19/09/20	-	-	-	-	-	-	-	-	-	-	-
20/09/20	-	-	-	-	-	-	-	-	-	-	-
21/09/20	-	-	-	-	-	-	-	-	-	-	-
22/09/20	-	-	-	-	-	-	-	-	-	-	-
23/09/20	-	-	-	-	-	-	-	-	-	-	-
24/09/20	-	-	-	-	-	-	-	-	-	-	-
25/09/20	-	-	-	-	-	-	-	-	-	-	-
26/09/20	-	-	-	-	-	-	-	-	-	-	-
27/09/20	-	-	-	-	-	-	-	-	-	-	-
28/09/20	-	-	-	-	-	-	-	-	-	-	-
29/09/20	-	-	-	-	-	-	-	-	-	-	-
30/09/20	-	-	-	-	-	-	-	-	-	-	-

- No discharge

Received Date	Published Date
7/09/2020	12/10/2020

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
1/09/20	-	-	-	0	4000
2/09/20	-	-	-	0	4000
3/09/20	-	-	-	0	4000
4/09/20	-	-	-	0	4000
5/09/20	-	-	-	0	4000
6/09/20	-	-	-	0	4000
7/09/20	-	-	-	0	4000
8/09/20	-	-	-	0	4000
9/09/20	-	-	-	0	4000
10/09/20	-	-	-	0	4000
11/09/20	-	-	-	0	4000
12/09/20	-	-	-	0	4000
13/09/20	-	-	-	0	4000
14/09/20	-	-	-	0	4000
15/09/20	-	-	-	0	4000
16/09/20	-	-	-	0	4000
17/09/20	-	-	-	0	4000
18/09/20	-	-	-	0	4000
19/09/20	-	-	-	0	4000
20/09/20	-	-	-	0	4000
21/09/20	-	-	-	0	4000
22/09/20	-	-	-	0	4000
23/09/20	-	-	-	0	4000
24/09/20	-	-	-	0	4000
25/09/20	-	-	-	0	4000
26/09/20	-	-	-	0	4000
27/09/20	-	-	-	0	4000
28/09/20	-	-	-	0	4000
29/09/20	-	-	-	0	4000
30/09/20	-	-	-	0	4000

- No discharge

Parameter	EPL Limit	Received Date	Published Date
Conductivity (µs/cm)	10000		
pH	6.5 - 9.0		
TSS (mg/L)	50		
		-	12/10/2020

