

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>



August 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	6/08/2020	3/09/2020	0.1	0.2	0.1	3/09/2020
EPA Point 5	6/08/2020	3/09/2020	0.1	0.1	0.1	3/09/2020
EPA Point 6	6/08/2020	3/09/2020	0.1	0.2	0.1	3/09/2020
EPA Point 7	6/08/2020	3/09/2020	0.1	0.2	0.1	3/09/2020
EPA Point 8	6/08/2020	3/09/2020	*	0.6	*	3/09/2020
EPA Point 9	6/08/2020	3/09/2020	1.2	0.8	0.8	3/09/2020
EPA Point 10	6/08/2020	3/09/2020	0.3	0.3	0.1	3/09/2020

c - contaminated with insects

** - not sampled bottle broken*

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
1/08/20	-	-	-	-	5355	6000
2/08/20	-	-	-	-	3098	6000
3/08/20	580	7.6	66*	<10	1466	6000
4/08/20	-	-	-	-	565	6000
5/08/20	-	-	-	-	0	6000
6/08/20	-	-	-	-	0	6000
7/08/20	-	-	-	-	0	6000
8/08/20	-	-	-	-	0	6000
9/08/20	-	-	-	-	0	6000
10/08/20	-	-	-	-	0	6000
11/08/20	-	-	-	-	0	6000
12/08/20	-	-	-	-	0	6000
13/08/20	-	-	-	-	0	6000
14/08/20	-	-	-	-	0	6000
15/08/20	-	-	-	-	0	6000
16/08/20	-	-	-	-	0	6000
17/08/20	-	-	-	-	0	6000
18/08/20	-	-	-	-	0	6000
19/08/20	-	-	-	-	0	6000
20/08/20	-	-	-	-	0	6000
21/08/20	-	-	-	-	0	6000
22/08/20	-	-	-	-	0	6000
23/08/20	-	-	-	-	0	6000
24/08/20	-	-	-	-	0	6000
25/08/20	-	-	-	-	0	6000
26/08/20	-	-	-	-	0	6000
27/08/20	-	-	-	-	0	6000
28/08/20	-	-	-	-	0	6000
29/08/20	-	-	-	-	0	6000
30/08/20	-	-	-	-	0	6000
31/08/20	-	-	-	-	0	6000

* Exemption applied

- No discharge

Parameter	EPL Limit	Received Date	Published Date
pH	6.5 - 9.0		
TSS (mg/L)	50	3/08/2020	3/09/2020

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
1/08/20	-	-	-	-	-	-	-	-	-	-	-
2/08/20	-	-	-	-	-	-	-	-	-	-	-
3/08/20	0.005	0.14	<0.0002	0.004	0.008	0.010	<0.0001	0.009	0.003	<0.001	0.120
4/08/20	-	-	-	-	-	-	-	-	-	-	-
5/08/20	-	-	-	-	-	-	-	-	-	-	-
6/08/20	-	-	-	-	-	-	-	-	-	-	-
7/08/20	-	-	-	-	-	-	-	-	-	-	-
8/08/20	-	-	-	-	-	-	-	-	-	-	-
9/08/20	-	-	-	-	-	-	-	-	-	-	-
10/08/20	-	-	-	-	-	-	-	-	-	-	-
11/08/20	-	-	-	-	-	-	-	-	-	-	-
12/08/20	-	-	-	-	-	-	-	-	-	-	-
13/08/20	-	-	-	-	-	-	-	-	-	-	-
14/08/20	-	-	-	-	-	-	-	-	-	-	-
15/08/20	-	-	-	-	-	-	-	-	-	-	-
16/08/20	-	-	-	-	-	-	-	-	-	-	-
17/08/20	-	-	-	-	-	-	-	-	-	-	-
18/08/20	-	-	-	-	-	-	-	-	-	-	-
19/08/20	-	-	-	-	-	-	-	-	-	-	-
20/08/20	-	-	-	-	-	-	-	-	-	-	-
21/08/20	-	-	-	-	-	-	-	-	-	-	-
22/08/20	-	-	-	-	-	-	-	-	-	-	-
23/08/20	-	-	-	-	-	-	-	-	-	-	-
24/08/20	-	-	-	-	-	-	-	-	-	-	-
25/08/20	-	-	-	-	-	-	-	-	-	-	-
26/08/20	-	-	-	-	-	-	-	-	-	-	-
27/08/20	-	-	-	-	-	-	-	-	-	-	-
28/08/20	-	-	-	-	-	-	-	-	-	-	-
29/08/20	-	-	-	-	-	-	-	-	-	-	-
30/08/20	-	-	-	-	-	-	-	-	-	-	-
31/08/20	-	-	-	-	-	-	-	-	-	-	-

- No discharge

Received Date	Published Date
10/08/2020	3/09/2020

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
1/08/20	+	+	+	1485	4000
2/08/20	-	-	-	1274	4000
3/08/20	-	-	-	389	4000
4/08/20	-	-	-	96	4000
5/08/20	-	-	-	31	4000
6/08/20	-	-	-	262	4000
7/08/20	-	-	-	727	4000
8/08/20	-	-	-	784	4000
9/08/20	-	-	-	391	4000
10/08/20	-	-	-	55	4000
11/08/20	-	-	-	0	4000
12/08/20	-	-	-	0	4000
13/08/20	-	-	-	0	4000
14/08/20	-	-	-	0	4000
15/08/20	-	-	-	0	4000
16/08/20	-	-	-	0	4000
17/08/20	-	-	-	0	4000
18/08/20	-	-	-	0	4000
19/08/20	-	-	-	0	4000
20/08/20	-	-	-	0	4000
21/08/20	-	-	-	0	4000
22/08/20	-	-	-	0	4000
23/08/20	-	-	-	0	4000
24/08/20	-	-	-	0	4000
25/08/20	-	-	-	0	4000
26/08/20	-	-	-	0	4000
27/08/20	-	-	-	0	4000
28/08/20	-	-	-	0	4000
29/08/20	-	-	-	0	4000
30/08/20	-	-	-	0	4000
31/08/20	-	-	-	0	4000

- No discharge

+ sample collected in previous month

Parameter	EPL Limit	Received Date	Published Date
Conductivity (µs/cm)	10000		
pH	6.5 - 9.0		
TSS (mg/L)	50	-	3/09/2020

