

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>



July 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	Received Date	Deposited Matter (g/m ²)	Annual Average (g/m ²)	Ash Residue (g/m ²)	Published Date
EPA Point 4	6/07/2020	7/08/2020	0.3	0.3	0.2	13/08/2020
EPA Point 5	6/07/2020	7/08/2020	*	0.1	*	13/08/2020
EPA Point 6	6/07/2020	7/08/2020	0.3	0.3	0.2	13/08/2020
EPA Point 7	6/07/2020	7/08/2020	0.3	3.2	0.1	13/08/2020
EPA Point 8	6/07/2020	7/08/2020	0.7	0.6	0.5	13/08/2020
EPA Point 9	6/07/2020	7/08/2020	0.3	0.3	0.2	13/08/2020
EPA Point 10	6/07/2020	7/08/2020	0.3	0.2	0.2	13/08/2020

c - contaminated with insects

** - not sampled, dust gauge bottle 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
1/07/20	796	8.2	46.0	<10	2408	6000
2/07/20	-	-	-	-	4190	6000
3/07/20	-	-	-	-	2601	6000
4/07/20	-	-	-	-	1858	6000
5/07/20	-	-	-	-	1868	6000
6/07/20	-	-	-	-	1530	6000
7/07/20	-	-	-	-	758	6000
8/07/20	-	-	-	-	0	6000
9/07/20	-	-	-	-	0	6000
10/07/20	727	8.2	37.0	15.0	142	6000
11/07/20	-	-	-	-	233	6000
12/07/20	-	-	-	-	259	6000
13/07/20	-	-	-	-	466	6000
14/07/20	-	-	-	-	1290	6000
15/07/20	-	-	-	-	2286	6000
16/07/20	-	-	-	-	1906	6000
17/07/20	-	-	-	-	1123	6000
18/07/20	-	-	-	-	0	6000
19/07/20	-	-	-	-	0	6000
20/07/20	-	-	-	-	0	6000
21/07/20	-	-	-	-	0	6000
22/07/20	-	-	-	-	0	6000
23/07/20	-	-	-	-	0	6000
24/07/20	-	-	-	-	0	6000
25/07/20	-	-	-	-	0	6000
26/07/20	-	-	-	-	1287	6000
27/07/20	552	7.9	383.0	<10	5962	6000
28/07/20	-	-	-	-	5962	6000
29/07/20	-	-	-	-	4997	6000
30/07/20	-	-	-	-	4120	6000
31/07/20	-	-	-	-	5931	6000

* Exemption applied

- No discharge

Parameter	EPL Limit	Received Date	Published Date
pH	6.5 - 9.0		
TSS (mg/L)	50	10/07/2020	13/08/2020

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
1/07/20	0.01	0.16	<0.0002	0.01	0.01	0.02	<0.0001	0.03	0.01	0.00	0.24
2/07/20	-	-	-	-	-	-	-	-	-	-	-
3/07/20	-	-	-	-	-	-	-	-	-	-	-
4/07/20	-	-	-	-	-	-	-	-	-	-	-
5/07/20	-	-	-	-	-	-	-	-	-	-	-
6/07/20	-	-	-	-	-	-	-	-	-	-	-
7/07/20	-	-	-	-	-	-	-	-	-	-	-
8/07/20	-	-	-	-	-	-	-	-	-	-	-
9/07/20	-	-	-	-	-	-	-	-	-	-	-
10/07/20	0.01	0.21	<0.0002	0.01	0.01	0.01	<0.0001	0.02	0.00	0.00	0.14
11/07/20	-	-	-	-	-	-	-	-	-	-	-
12/07/20	-	-	-	-	-	-	-	-	-	-	-
13/07/20	-	-	-	-	-	-	-	-	-	-	-
14/07/20	-	-	-	-	-	-	-	-	-	-	-
15/07/20	-	-	-	-	-	-	-	-	-	-	-
16/07/20	-	-	-	-	-	-	-	-	-	-	-
17/07/20	-	-	-	-	-	-	-	-	-	-	-
18/07/20	-	-	-	-	-	-	-	-	-	-	-
19/07/20	-	-	-	-	-	-	-	-	-	-	-
20/07/20	-	-	-	-	-	-	-	-	-	-	-
21/07/20	-	-	-	-	-	-	-	-	-	-	-
22/07/20	-	-	-	-	-	-	-	-	-	-	-
23/07/20	-	-	-	-	-	-	-	-	-	-	-
24/07/20	-	-	-	-	-	-	-	-	-	-	-
25/07/20	-	-	-	-	-	-	-	-	-	-	-
26/07/20	-	-	-	-	-	-	-	-	-	-	-
27/07/20	0.01	0.24	<0.0002	0.01	0.01	0.02	<0.0001	0.02	0.01	0.00	0.21
28/07/20	-	-	-	-	-	-	-	-	-	-	-
29/07/20	-	-	-	-	-	-	-	-	-	-	-
30/07/20	-	-	-	-	-	-	-	-	-	-	-
31/07/20	-	-	-	-	-	-	-	-	-	-	-

- No discharge

Received Date	Published Date
28/07/2020	13/08/2020

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
1/07/20	-	-	-	0	4000
2/07/20	-	-	-	0	4000
3/07/20	-	-	-	0	4000
4/07/20	-	-	-	0	4000
5/07/20	-	-	-	0	4000
6/07/20	-	-	-	0	4000
7/07/20	-	-	-	0	4000
8/07/20	-	-	-	0	4000
9/07/20	-	-	-	0	4000
10/07/20	-	-	-	0	4000
11/07/20	-	-	-	0	4000
12/07/20	-	-	-	0	4000
13/07/20	-	-	-	0	4000
14/07/20	-	-	-	0	4000
15/07/20	-	-	-	0	4000
16/07/20	-	-	-	0	4000
17/07/20	-	-	-	0	4000
18/07/20	-	-	-	0	4000
19/07/20	-	-	-	0	4000
20/07/20	-	-	-	0	4000
21/07/20	-	-	-	0	4000
22/07/20	-	-	-	0	4000
23/07/20	-	-	-	0	4000
24/07/20	302.0	7.9	17.0	256	4000
25/07/20	-	-	-	421	4000
26/07/20	-	-	-	262	4000
27/07/20	-	-	-	1373	4000
28/07/20	-	-	-	711	4000
29/07/20	-	-	-	0	4000
30/07/20	-	-	-	0	4000
31/07/20	196.0	7.5	30.0	1114	4000

- No discharge

Parameter	EPL Limit	Received Date	Published Date
Conductivity (µs/cm)	10000	31/07/2020	13/08/2020
pH	6.5 - 9.0		
TSS (mg/L)	50		

