

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>



October 2020

Monthly Monitoring Data



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## 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 <sup>2</sup> )	Annual Average (g/m <sup>2</sup> )	Ash Residue (g/m <sup>2</sup> )	Published Date
EPA Point 4	2/10/2020	5/11/2020	0.9	1.0	0.3	5/11/2020
EPA Point 5	2/10/2020	5/11/2020	0.7	0.7	0.3	5/11/2020
EPA Point 6	2/10/2020	5/11/2020	0.5	0.6	0.2	5/11/2020
EPA Point 7	2/10/2020	5/11/2020	2.2	1.3	0.5	5/11/2020
EPA Point 8	2/10/2020	5/11/2020	0.9	1.1	0.5	5/11/2020
EPA Point 9	2/10/2020	5/11/2020	0.7	0.7	0.4	5/11/2020
EPA Point 10	2/10/2020	5/11/2020	2.2	1.4	1.6	5/11/2020

*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
1/10/20	-	-	-	-	0	6000
2/10/20	-	-	-	-	0	6000
3/10/20	-	-	-	-	0	6000
4/10/20	-	-	-	-	0	6000
5/10/20	-	-	-	-	0	6000
6/10/20	-	-	-	-	0	6000
7/10/20	-	-	-	-	0	6000
8/10/20	-	-	-	-	0	6000
9/10/20	-	-	-	-	0	6000
10/10/20	-	-	-	-	0	6000
11/10/20	-	-	-	-	0	6000
12/10/20	-	-	-	-	0	6000
13/10/20	-	-	-	-	0	6000
14/10/20	-	-	-	-	0	6000
15/10/20	-	-	-	-	0	6000
16/10/20	-	-	-	-	0	6000
17/10/20	-	-	-	-	0	6000
18/10/20	-	-	-	-	0	6000
19/10/20	-	-	-	-	0	6000
20/10/20	-	-	-	-	0	6000
21/10/20	-	-	-	-	0	6000
22/10/20	-	-	-	-	0	6000
23/10/20	-	-	-	-	0	6000
24/10/20	-	-	-	-	0	6000
25/10/20	-	-	-	-	0	6000
26/10/20	-	-	-	-	3774	6000
27/10/20	820	8.3	150.0	<10	5962	6000
28/10/20	-	-	-	-	5961	6000
29/10/20	-	-	-	-	5863	6000
30/10/20	-	-	-	-	5073	6000
31/10/20	-	-	-	-	3408	6000

\* Exemption applied

- No discharge

Parameter	EPL Limit	Received Date	Published Date
pH	6.5 - 9.0		
TSS (mg/L)	50	4/11/2020	5/11/2020



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
1/10/20	-	-	-	-	-	-	-	-	-	-	-
2/10/20	-	-	-	-	-	-	-	-	-	-	-
3/10/20	-	-	-	-	-	-	-	-	-	-	-
4/10/20	-	-	-	-	-	-	-	-	-	-	-
5/10/20	-	-	-	-	-	-	-	-	-	-	-
6/10/20	-	-	-	-	-	-	-	-	-	-	-
7/10/20	-	-	-	-	-	-	-	-	-	-	-
8/10/20	-	-	-	-	-	-	-	-	-	-	-
9/10/20	-	-	-	-	-	-	-	-	-	-	-
10/10/20	-	-	-	-	-	-	-	-	-	-	-
11/10/20	-	-	-	-	-	-	-	-	-	-	-
12/10/20	-	-	-	-	-	-	-	-	-	-	-
13/10/20	-	-	-	-	-	-	-	-	-	-	-
14/10/20	-	-	-	-	-	-	-	-	-	-	-
15/10/20	-	-	-	-	-	-	-	-	-	-	-
16/10/20	-	-	-	-	-	-	-	-	-	-	-
17/10/20	-	-	-	-	-	-	-	-	-	-	-
18/10/20	-	-	-	-	-	-	-	-	-	-	-
19/10/20	-	-	-	-	-	-	-	-	-	-	-
20/10/20	-	-	-	-	-	-	-	-	-	-	-
21/10/20	-	-	-	-	-	-	-	-	-	-	-
22/10/20	-	-	-	-	-	-	-	-	-	-	-
23/10/20	-	-	-	-	-	-	-	-	-	-	-
24/10/20	-	-	-	-	-	-	-	-	-	-	-
25/10/20	-	-	-	-	-	-	-	-	-	-	-
26/10/20	-	-	-	-	-	-	-	-	-	-	-
27/10/20	0.011	0.20	<0.0002	0.008	0.014	0.014	<0.0001	0.013	0.006	0.002	0.240
28/10/20	-	-	-	-	-	-	-	-	-	-	-
29/10/20	-	-	-	-	-	-	-	-	-	-	-
30/10/20	-	-	-	-	-	-	-	-	-	-	-
31/10/20	-	-	-	-	-	-	-	-	-	-	-

- No discharge

Received Date		Published Date	
5/11/2020		5/11/2020	





## 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
1/10/20	-	-	-	0	4000
2/10/20	-	-	-	0	4000
3/10/20	-	-	-	0	4000
4/10/20	-	-	-	0	4000
5/10/20	-	-	-	0	4000
6/10/20	-	-	-	0	4000
7/10/20	-	-	-	0	4000
8/10/20	-	-	-	0	4000
9/10/20	-	-	-	0	4000
10/10/20	-	-	-	0	4000
11/10/20	-	-	-	0	4000
12/10/20	-	-	-	0	4000
13/10/20	-	-	-	0	4000
14/10/20	-	-	-	0	4000
15/10/20	-	-	-	0	4000
16/10/20	-	-	-	0	4000
17/10/20	-	-	-	0	4000
18/10/20	-	-	-	0	4000
19/10/20	-	-	-	0	4000
20/10/20	-	-	-	0	4000
21/10/20	-	-	-	0	4000
22/10/20	-	-	-	0	4000
23/10/20	245.0	7.8	23.0	105	4000
24/10/20	-	-	-	316	4000
25/10/20	-	-	-	286	4000
26/10/20	-	-	-	1085	4000
27/10/20	-	-	-	1334	4000
28/10/20	-	-	-	616	4000
29/10/20	-	-	-	232	4000
30/10/20	-	-	-	307	4000
31/10/20	-	-	-	337	4000

- No discharge

Parameter	EPL Limit	Received Date	Published Date
Conductivity ( µs/cm)	10000		
pH	6.5 - 9.0		
TSS (mg/L)	50	23/10/2020	5/11/2020



