

# 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>



June 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	5/06/2020	7/07/2020	0.2	0.5	0.2	8/07/2020
EPA Point 5	5/06/2020	7/07/2020	0.1	0.3	0.1	8/07/2020
EPA Point 6	5/06/2020	7/07/2020	0.3	0.4	0.3	8/07/2020
EPA Point 7	5/06/2020	7/07/2020	6.0	3.9	5.6	8/07/2020
EPA Point 8	5/06/2020	7/07/2020	0.5	0.7	0.4	8/07/2020
EPA Point 9	5/06/2020	7/07/2020	0.2	0.4	0.2	8/07/2020
EPA Point 10	5/06/2020	7/07/2020	0.1	0.4	0.1	8/07/2020

*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
1/06/20	-	-	-	-	0	6000
2/06/20	-	-	-	-	0	6000
3/06/20	-	-	-	-	0	6000
4/06/20	-	-	-	-	0	6000
5/06/20	-	-	-	-	0	6000
6/06/20	-	-	-	-	0	6000
7/06/20	-	-	-	-	0	6000
8/06/20	-	-	-	-	0	6000
9/06/20	-	-	-	-	0	6000
10/06/20	-	-	-	-	0	6000
11/06/20	1230	8.2	81.0	<10	4191.6*	6000
12/06/20	-	-	-	-	5925.4*	6000
13/06/20	-	-	-	-	3615.5*	6000
14/06/20	-	-	-	-	1864.3*	6000
15/06/20	-	-	-	-	772.1*	6000
16/06/20	-	-	-	-	291.3*	6000
17/06/20	-	-	-	-	15.5*	6000
18/06/20	-	-	-	-	0	6000
19/06/20	-	-	-	-	0	6000
20/06/20	-	-	-	-	0	6000
21/06/20	-	-	-	-	0	6000
22/06/20	-	-	-	-	0	6000
23/06/20	-	-	-	-	0	6000
24/06/20	-	-	-	-	0	6000
25/06/20	-	-	-	-	0	6000
26/06/20	-	-	-	-	0	6000
27/06/20	-	-	-	-	0	6000
28/06/20	-	-	-	-	0	6000
29/06/20	-	-	-	-	0	6000
30/06/20	-	-	-	-	0	6000

\* Exemption applied

- No discharge

Parameter	EPL Limit	Received Date	Published Date
pH	6.5 - 9.0		
TSS (mg/L)	50	16/06/2020	8/07/2020



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
1/06/20	-	-	-	-	-	-	-	-	-	-	-
2/06/20	-	-	-	-	-	-	-	-	-	-	-
3/06/20	-	-	-	-	-	-	-	-	-	-	-
4/06/20	-	-	-	-	-	-	-	-	-	-	-
5/06/20	-	-	-	-	-	-	-	-	-	-	-
6/06/20	-	-	-	-	-	-	-	-	-	-	-
7/06/20	-	-	-	-	-	-	-	-	-	-	-
8/06/20	-	-	-	-	-	-	-	-	-	-	-
9/06/20	-	-	-	-	-	-	-	-	-	-	-
10/06/20	-	-	-	-	-	-	-	-	-	-	-
11/06/20	0.012	0.22	<0.002	0.009	0.016	0.016	<0.0001	0.009	0.007	0.002	0.28
12/06/20	-	-	-	-	-	-	-	-	-	-	-
13/06/20	-	-	-	-	-	-	-	-	-	-	-
14/06/20	-	-	-	-	-	-	-	-	-	-	-
15/06/20	-	-	-	-	-	-	-	-	-	-	-
16/06/20	-	-	-	-	-	-	-	-	-	-	-
17/06/20	-	-	-	-	-	-	-	-	-	-	-
18/06/20	-	-	-	-	-	-	-	-	-	-	-
19/06/20	-	-	-	-	-	-	-	-	-	-	-
20/06/20	-	-	-	-	-	-	-	-	-	-	-
21/06/20	-	-	-	-	-	-	-	-	-	-	-
22/06/20	-	-	-	-	-	-	-	-	-	-	-
23/06/20	-	-	-	-	-	-	-	-	-	-	-
24/06/20	-	-	-	-	-	-	-	-	-	-	-
25/06/20	-	-	-	-	-	-	-	-	-	-	-
26/06/20	-	-	-	-	-	-	-	-	-	-	-
27/06/20	-	-	-	-	-	-	-	-	-	-	-
28/06/20	-	-	-	-	-	-	-	-	-	-	-
29/06/20	-	-	-	-	-	-	-	-	-	-	-
30/06/20	-	-	-	-	-	-	-	-	-	-	-

- No discharge

Received Date	Published Date
15/06/2020	8/07/2020





## 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
1/06/20	-	-	-	0	4000
2/06/20	-	-	-	0	4000
3/06/20	-	-	-	0	4000
4/06/20	-	-	-	0	4000
5/06/20	-	-	-	0	4000
6/06/20	-	-	-	0	4000
7/06/20	-	-	-	0	4000
8/06/20	-	-	-	0	4000
9/06/20	-	-	-	0	4000
10/06/20	-	-	-	0	4000
11/06/20	-	-	-	0	4000
12/06/20	-	-	-	0	4000
13/06/20	-	-	-	0	4000
14/06/20	-	-	-	0	4000
15/06/20	-	-	-	0	4000
16/06/20	319.0	8.0	14.0	138.9	4000
17/06/20	-	-	-	452.9	4000
18/06/20	-	-	-	456.9	4000
19/06/20	-	-	-	410.4	4000
20/06/20	-	-	-	359.7	4000
21/06/20	-	-	-	305.5	4000
22/06/20	-	-	-	245.5	4000
23/06/20	-	-	-	124.6	4000
24/06/20	-	-	-	744.2	4000
25/06/20	-	-	-	92.9	4000
26/06/20	-	-	-	0	4000
27/06/20	-	-	-	0	4000
28/06/20	-	-	-	0	4000
29/06/20	-	-	-	0	4000
30/06/20	-	-	-	0	4000

- No discharge

Parameter	EPL Limit	Received Date	Published Date
Conductivity ( µs/cm)	10000	16/06/2020	8/07/2020
pH	6.5 - 9.0		
TSS (mg/L)	50		



