



**Pollution Monitoring Data - Holcim Tuncurry Quarry (EPL Number 13359)**

Facility Address	Tip Road, Tuncurry NSW 2428
Link to EPL on Public Register	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=13359&amp;id=13359&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=13359&amp;id=13359&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>
Date Dataset Updated	Thursday, July 2, 2020
Date Dataset Published	Friday, July 3, 2020
Reporting Period	1st May 2019 to 30th April 2020

**Air Quality Monitoring - Deposition Results**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Jan Date	Feb Date	Mar Date	Apr Date	May Date	Jun Date	Jul Date	Aug Date	Sep Date	Oct Date	Nov Date	Dec Date	
EPA Point 1	Monthly	EPL Section P1.1	-	4	g/m2/month	Insoluable Solids	Result	1.9	1.7	0.40	1.00	2.60	1.90	Comment 1	Comment 1	2.8	1.5	0.5	1.0
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	n/a	n/a	Pass	Pass	Pass	Pass

Comments regarding deposition monitoring outcomes

Comment 1: Due to the local bush fires the contractor who undertakes the monitoring on Holcim's behalf (ALS) were not able to collect the bottles at the required frequency. Due to factors outside Holcim's control an alternate pick up time was not able to be scheduled meaning the bottle was in situ for 60 days. Once the samples were collected it was determined that meaningful data was not able to be extracted from the samples.

## Surface Water Quality - Monitoring Results

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date	Sample Date	Sample Date	Sample Date
EPA Identification No. 2 (Lake 1)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.002	0.001	0.001	0.003
			Conductivity	µS/cm	181	191	186	162
			Copper	mg/L	<0.001	<0.001	<0.001	<0.001
			Iron	mg/L	1.02	0.51	0.31	2.6
			pH	pH	7.09	7.62	7.78	8.09
			Zinc	mg/L	<0.005	<0.005	<0.005	<0.005

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date	Sample Date	Sample Date	Sample Date
EPA Identification No. 3 (Lake 2)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.005	0.003	0.004	0.02
			Conductivity	µS/cm	273	278	273	267
			Copper	mg/L	<0.001	<0.001	<0.001	<0.001
			Iron	mg/L	121	0.87	0.82	23
			pH	pH	7.13	7.72	7.8	7.17
			Zinc	mg/L	<0.005	<0.005	<0.005	0.017

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date	Sample Date	Sample Date	Sample Date
EPA Identification No 4 (Lake 3 - within lot 120)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.009	0.016	0.013	<0.001
			Conductivity	µS/cm	355	374	428	435
			Copper	mg/L	0.003	0.002	0.003	<0.001
			Iron	mg/L	1.04	2.9	2.76	1.9
			pH	pH	7.64	7.99	8.14	7.03
			Zinc	mg/L	0.022	0.006	0.006	0.016

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date	Sample Date	Sample Date	Sample Date
EPA Identification No 5 (Lake 3 - within Lot 79)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.009	0.008	0.004	0.003
			Conductivity	µS/cm	437	458	462	1230
			Copper	mg/L	<0.001	0.001	<0.001	0.002
			Iron	mg/L	0.38	0.47	0.23	6.6
			pH	pH	7.65	8.2	8.55	9.12
			Zinc	mg/L	<0.005	0.006	<0.005	0.017

Comments regarding noise monitoring outcomes

Comment 1:

Comment 2:

Comment 3: