



Pollution Monitoring Data - Holcim Albion Park Quarry (EPL Number 122)

Facility Address	Woollybutt Drive, Albion Park Rail NSW 2527
Link to EPL on Public Register	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=122&id=122&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Date Dataset Updated	Thursday, August 15, 2024
Date Dataset Published	Thursday, August 15, 2024
Licence Reporting Period	May to April (Annually)

Air Quality Monitoring - Deposition Results

Dust Deposition Results - 2023

Location	Frequency	Source	Description	Unit	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023
DDM 3 - North-Western Boundary	Monthly	EPL P1.1	Insoluble Solids (Raw Data)	g/m2/month	1.3	0.4	0.8	0.5	0.2	0.2	0.6	0.3	0.5	0.6	0.8	1.0
			Ash	g/m2/month	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.5	0.1	0.1
DDM 4 - Croome Road on Boundary of Lot 1 DP 74108	Monthly	EPL P1.1	Insoluble Solids (Raw Data)	g/m2/month	4.7	1.2	0.5	0.7	0.5	0.5	0.3	0.5	0.4	0.5	0.7	4.0
			Ash	g/m2/month	0.6	0.1	0.1	0.1	0.1	0.4	0.2	0.5	0.3	0.4	0.1	0.3
DDM 5 - Kywana Homestead	Monthly	EPL P1.1	Insoluble Solids (Raw Data)	g/m2/month	3.1	0.3	0.3	0.8	1.0	0.8	0.2	0.9	1.2	0.6	1.0	2.4
			Ash	g/m2/month	0.4	0.1	0.1	0.1	0.1	0.6	0.2	0.9	1.1	0.5	0.1	0.1
DDM 6 - West of Office	Monthly	EPL P1.1	Insoluble Solids (Raw Data)	g/m2/month	1.2	2.9	0.4	0.7	1.7	1.4	0.2	1.5	2.6	2.5	1.4	4.9
			Ash	g/m2/month	0.2	0.2	0.1	0.1	0.2	1.2	0.1	1.2	2.5	2.2	0.1	0.3

Dust Deposition Results - 2024

Location	Frequency	Source	Description	Unit	Jan 2024	Jan 2024	Jan 2024	Jan 2024	Jan 2024	Jan 2024	Jan 2024	Jan 2024	Jan 2024	Jan 2024	Jan 2024	Jan 2024
DDM 3 - North-Western Boundary	Monthly	EPL P1.1	Insoluble Solids (Raw Data)	g/m2/month	1.0	0.7	1.1	2.2	0.4	0.9	0.3					
			Ash	g/m2/month	0.1	0.1	0.1	0.2	0.1	0.7	0.1					
DDM 4 - Croome Road on Boundary of Lot 1 DP 74108	Monthly	EPL P1.1	Insoluble Solids (Raw Data)	g/m2/month	4.1	0.9	1.0	1.1	0.9	2.9	0.2					
			Ash	g/m2/month	0.3	0.1	0.2	0.1	0.1	1.4	0.1					
DDM 5 - Kywana Homestead	Monthly	EPL P1.1	Insoluble Solids (Raw Data)	g/m2/month	5.5	5.5	1.1	1.8	0.2	0.9	0.4					
			Ash	g/m2/month	0.4	0.4	0.1	0.1	0.1	0.3	0.2					
DDM 6 - West of Office	Monthly	EPL P1.1	Insoluble Solids (Raw Data)	g/m2/month	1.6	1.6	1.8	2.7	0.9	1.0	0.3					
			Ash	g/m2/month	0.1	0.1	0.2	0.1	0.1	0.6	0.1					

Surface Water Monitoring Results (Event Based Only)

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Event Date	29 Feb 2024															
Licensed Discharge Point 1	Each Discharge Event	EPL Section L2	6.5	8.5	pH	pH	Result																
							Pass / Fail																
			-	50	mg/L	Suspended Solids	Result																
							Pass / Fail																
			-	NV	V = Visable or NV = None Visable	Total Oil & Grease	Result																
							Pass / Fail																
Licensed Discharge Point 2	Each Discharge Event	EPL Section L2	6.5	8.5	pH	pH	Result	8.2															
							Pass / Fail	Pass															
			-	50	mg/L	Suspended Solids	Result	5															
							Pass / Fail	Pass															
			-	NV	V = Visable or NV = None Visable	Total Oil & Grease	Result	NV															
							Pass / Fail	Pass															

Comments regarding deposition monitoring outcomes	
Comment 1:	18th November 2022 - Precoat oil spill - sampled to confirm no oil leaving the site
Comment 2:	No discharge events means that surface water monitoring has not been triggered after 20th April 2023
Comment 3:	
Comment 4:	
Comment 5:	
Comment 6:	
Comment 7:	
Comment 8:	

Rainfall Monitoring Results

Location	Frequency	Source	Unit
EPA Point 4	Daily	Gauge	mm

Total Rainfall 2023

1768.0

Month	Jan 23	Feb 23	Mar 23	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23	Oct 23	Nov 23	Dec 23
Total Rainfall (mm)	57.4	71.8	80.8	261.0	296.0	225.0	56.8	0.0	0.0	0.0	0.0	0.0
Rainy Days	12	14	11	11	15	13	11	0	0	0	0	0
Av. Rainfall / Event (mm)	4.8	5.1	7.3	23.7	19.7	17.3	5.2	0.0	0.0	0.0	0.0	0.0
Events >90mm (5 Days)	0	0	0	1	0	1	0	0	0	0	0	0

Location	Frequency	Source	Unit
EPA Point 4	Daily	Gauge	mm

Total Rainfall 2024 (YTD)

1048.8

Month	Jan 24	Feb 24	Mar 24	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	Dec 24
Total Rainfall (mm)	57.4	71.8	80.8	261.0	296.0	225.0	56.8	0.0	0.0	0.0	0.0	0.0
Rainy Days	12	14	11	11	15	13	11	0	0	0	0	0
Av. Rainfall / Event (mm)	4.8	5.1	7.3	23.7	19.7	17.3	5.2	0.0	0.0	0.0	0.0	0.0
Events >90mm (5 Days)	0	0	0	1	0	1	0	0	0	0	0	0

