

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



Facility Address	Tip Road, Tuncurry NSW 2428
Link to EPL on Public Register	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=13359&id=13359&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Date Dataset Updated	Wednesday, March 26, 2025
Date Dataset Published	Wednesday, March 26, 2025
Reporting Period	May to April (Annually)

Surface Water Quality - Monitoring Results

Surface Water Quality Results - 2025

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date 16-Jan-25	Sample Date 12-Apr-25	Sample Date 15-Aug-25	Sample Date
EPA Identification No. 2 (Lake 1)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.003			
			Conductivity	µS/cm	120			
			Copper	mg/L	0.001			
			Iron	mg/L	0.27			
			pH	pH				
			Zinc	mg/L	8.6			

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date 16-Jan-25	Sample Date 12-Apr-25	Sample Date 15-Aug-25	Sample Date
EPA Identification No. 3 (Lake 2)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.004			
			Conductivity	µS/cm	140			
			Copper	mg/L	0.001			
			Iron	mg/L	0.18			
			pH	pH	8.1			
			Zinc	mg/L	0.031			

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date 16-Jan-25	Sample Date 12-Apr-25	Sample Date 15-Aug-25	Sample Date
EPA Identification No 4 (Lake 3 - within lot 120)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.004			
			Conductivity	µS/cm	153			
			Copper	mg/L	0.001			
			Iron	mg/L	0.17			
			pH	pH	8.1			
			Zinc	mg/L	0.005			

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date 16-Jan-25	Sample Date 12-Apr-25	Sample Date 15-Aug-25	Sample Date
EPA Identification No 5 (Lake 4 - within Lot 79)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.001			
			Conductivity	µS/cm	274			
			Copper	mg/L	0.001			
			Iron	mg/L	0.1			
			pH	pH	8.1			
			Zinc	mg/L	0.041			

Surface Water Quality Results - 2024

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date 9-Jan-24	Sample Date 12-Apr-24	Sample Date 15-Aug-24	Sample Date 13-Nov-24
EPA Identification No. 2 (Lake 1)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.004	0.004	0.002	0.004
			Conductivity	µS/cm	147	156	149	128
			Copper	mg/L	0.001	0.001	0.001	0.001
			Iron	mg/L	0.2	0.28	0.27	0.81
			pH	pH	7.7	7.4	5.9	7.7
			Zinc	mg/L	0.005	0.014	0.005	0.005

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date 9-Jan-24	Sample Date 12-Apr-24	Sample Date 15-Aug-24	Sample Date 13-Nov-24
EPA Identification No. 3 (Lake 2)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.005	0.006	0.003	0.005
			Conductivity	µS/cm	191	171	174	140
			Copper	mg/L	0.001	0.001	0.001	0.001
			Iron	mg/L	0.14	0.2	0.26	0.53
			pH	pH	7.5	7.4	5.9	7.7

			Zinc	mg/L	0.005	0.008	0.005	0.005
Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date	Sample Date	Sample Date	Sample Date
					9-Jan-24	12-Apr-24	15-Aug-24	13-Nov-24
EPA Identification No 4 (Lake 3 - within lot 120)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.005	0.006	0.003	0.008
			Conductivity	µS/cm	214	184	219	144
			Copper	mg/L	0.001	0.001	0.001	0.001
			Iron	mg/L	0.15	0.24	0.3	1.3
			pH	pH	8.2	7.5	6.1	7.8
			Zinc	mg/L	0.005	0.014	0.01	0.005
Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date	Sample Date	Sample Date	Sample Date
					9-Jan-24	12-Apr-24	15-Aug-24	13-Nov-24
EPA Identification No 5 (Lake 4 - within Lot 79)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.001	0.002	0.001	0.001
			Conductivity	µS/cm	363	335	306	253
			Copper	mg/L	0.001	0.001	0.003	0.001
			Iron	mg/L	0.32	1.5	1	0.65
			pH	pH	7.6	7.4	5.8	7.4
			Zinc	mg/L	0.005	0.014	0.026	0.005

Surface Water Quality Results - 2023

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date	Sample Date	Sample Date	Sample Date
					15-Feb-23	9-May-23	13-Sep-23	15-Nov-23
EPA Identification No. 2 (Lake 1)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.004	0.006	0.004	0.005
			Conductivity	µS/cm	64	95	92	150
			Copper	mg/L	0.001	0.001	0.001	0.001
			Iron	mg/L	0.13	0.91	0.43	0.41
			pH	pH	7.5	7.2	7.9	7.6
			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
					15-Feb-23	9-May-23	13-Sep-23	15-Nov-23
EPA Identification No. 3 (Lake 2)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.003	0.005	0.005	0.006
			Conductivity	µS/cm	98	129	119	194
			Copper	mg/L	0.001	0.001	0.001	0.001
			Iron	mg/L	0.14	1	0.55	0.24
			pH	pH	7.5	7.4	7.9	7
			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
					15-Feb-23	9-May-23	13-Sep-23	15-Nov-23
EPA Identification No 4 (Lake 3 - within lot 120)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.004	0.009	0.005	0.006
			Conductivity	µS/cm	100	138	136	196
			Copper	mg/L	0.001	0.001	0.001	0.003
			Iron	mg/L	0.14	1.7	0.63	0.36
			pH	pH	7.2	7.4	8.4	6.7
			Zinc	mg/L	0.005	0.005	0.005	0.007

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date	Sample Date	Sample Date	Sample Date
					15-Feb-23	9-May-23	13-Sep-23	15-Nov-23
EPA Identification No 5 (Lake 4 - within Lot 79)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.001	0.003	0.002	0.003
			Conductivity	µS/cm	163	219	208	354
			Copper	mg/L	0.001	0.001	0.001	0.001
			Iron	mg/L	0.52	5.2	1.1	0.97
			pH	pH	7.5	7.1	7.8	7.2
			Zinc	mg/L	0.005	0.005	0.007	0.005

Surface Water Quality Results - 2022

Q1	Q2	Q3	Q4
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Location	Frequency	Source	Description	Unit	Sample Date 8-Feb-22	Sample Date 13-May-22	Sample Date 14-Sep-22	Sample Date 16-Nov-22
EPA Identification No. 2 (Lake 1)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.005	0.004	0.003	0.01
			Conductivity	µS/cm	138	124	97	93
			Copper	mg/L	0.001	0.001	0.001	0.01
			Iron	mg/L	0.26	0.2	0.34	0.5
			pH	pH	6.5	6.9	7.7	7.1
			Zinc	mg/L	0.005	0.005	0.005	0.05

Location	Frequency	Source	Description	Unit	Q1 Sample Date 8-Feb-22	Q2 Sample Date 13-May-22	Q3 Sample Date 14-Sep-22	Q4 Sample Date 16-Nov-22
EPA Identification No. 3 (Lake 2)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.005	0.003	0.004	0.01
			Conductivity	µS/cm	210	170	138	127
			Copper	mg/L	0.001	0.001	0.001	0.01
			Iron	mg/L	0.37	0.38	0.52	0.5
			pH	pH	7.6	7.1	7.7	7.5
			Zinc	mg/L	0.005	0.005	0.005	0.05

Location	Frequency	Source	Description	Unit	Q1 Sample Date 8-Feb-22	Q2 Sample Date 13-May-22	Q3 Sample Date 14-Sep-22	Q4 Sample Date 16-Nov-22
EPA Identification No 4 (Lake 3 - within lot 120)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.004	0.008	0.009	0.01
			Conductivity	µS/cm	211	164	134	134
			Copper	mg/L	0.001	0.001	0.001	0.01
			Iron	mg/L	0.23	0.31	1.2	0.5
			pH	pH	7.6	7	7.3	7.2
			Zinc	mg/L	0.005	0.005	0.005	0.05

Location	Frequency	Source	Description	Unit	Q1 Sample Date 8-Feb-22	Q2 Sample Date 13-May-22	Q3 Sample Date 14-Sep-22	Q4 Sample Date 16-Nov-22
EPA Identification No 5 (Lake 4 - within Lot 79)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.002	0.002	0.001	0.01
			Conductivity	µS/cm	398	247	250	220
			Copper	mg/L	0.002	0.001	0.001	0.01
			Iron	mg/L	0.9	1.5	1.6	0.83
			pH	pH	7.2	7	7.9	7.4
			Zinc	mg/L	0.005	0.005	0.005	0.05