

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, May 27, 2026
Date Dataset Published	Monday, June 29, 2026
Reporting Period	May to April (Annually)

Surface Water Quality - Monitoring Results

Surface Water Quality Results - 2026

Location	Frequency	Source	Description	Unit	Q1 Sample Date 11-Feb-26	Q2 Sample Date 27/05/26	Q3 Sample Date	Q4 Sample Date
EPA Identification No. 2 (Lake 1)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.004	0.004		
			Conductivity	µS/cm	140	168		
			Copper	mg/L	<0.001	<0.001		
			Iron	mg/L	0.27	0.37		
			pH	pH	6.9	7.49		
			Zinc	mg/L	<0.005	<0.005		

Location	Frequency	Source	Description	Unit	Q1 Sample Date 11-Feb-26	Q2 Sample Date 27/05/26	Q3 Sample Date	Q4 Sample Date
EPA Identification No. 3 (Lake 2)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.006	0.005		
			Conductivity	µS/cm	160	161		
			Copper	mg/L	<0.001	<0.001		
			Iron	mg/L	0.16	0.2		
			pH	pH	6.9	7.49		
			Zinc	mg/L	0.001	<0.005		

Location	Frequency	Source	Description	Unit	Q1 Sample Date 11-Feb-26	Q2 Sample Date 27/05/26	Q3 Sample Date	Q4 Sample Date
EPA Identification No 4 (Lake 3 - within lot 120)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.008	0.007		
			Conductivity	µS/cm	140	161		
			Copper	mg/L	<0.001	<0.001		
			Iron	mg/L	0.28	0.22		
			pH	pH	6.6	7.63		
			Zinc	mg/L	<0.005	<0.005		

Location	Frequency	Source	Description	Unit	Q1 Sample Date 11-Feb-26	Q2 Sample Date 27/05/26	Q3 Sample Date	Q4 Sample Date
EPA Identification No 5 (Lake 4 - within Lot 79)	Quarterly	EPL Section P1.3	Arsenic	mg/L	<0.001	0.001		
			Conductivity	µS/cm	300	255		
			Copper	mg/L	<0.001	<0.001		
			Iron	mg/L	0.16	1.1		
			pH	pH	7.1	7.66		
			Zinc	mg/L	0.006	<0.005		

Surface Water Quality Results - 2025

Location	Frequency	Source	Description	Unit	Q1 Sample Date 16-Jan-25	Q2 Sample Date 12-May-25	Q3 Sample Date 17-Jul-25	Q4 Sample Date 7-Oct-25
EPA Identification No. 2 (Lake 1)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.003	0.003	0.003	0.001
			Conductivity	µS/cm	120	167	170	154
			Copper	mg/L	0.001	0.001	0.001	0.001
			Iron	mg/L	0.27	0.19	0.3	0.48
			pH	pH		7.7	7	7.6
			Zinc	mg/L	8.6	0.005	0.005	0.005

Location	Frequency	Source	Description	Unit	Q1 Sample Date 16-Jan-25	Q2 Sample Date 12-May-25	Q3 Sample Date 17-Jul-25	Q4 Sample Date 7-Oct-25
EPA Identification No. 3 (Lake 2)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.004	0.003	0.002	0.006
			Conductivity	µS/cm	140	173	210	181
			Copper	mg/L	0.001	0.001	0.001	0.001
			Iron	mg/L	0.18	0.23	0.21	0.26
			pH	pH	8.1	7.7	7.1	7.2
			Zinc	mg/L	0.031	0.006	0.005	0.005

Q1 Sample Date	Q2 Sample Date	Q3 Sample Date	Q4 Sample Date
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Location	Frequency	Source	Description	Unit	16-Jan-25	12-May-25	17-Jul-25	
EPA Identification No 4 (Lake 3 - within lot 120)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.004	0.004	0.003	0.005
			Conductivity	µS/cm	153	220	210	178
			Copper	mg/L	0.001	0.001	0.001	0.001
			Iron	mg/L	0.17	0.21	0.24	0.25
			pH	pH	8.1	8.5	7.1	6.8
			Zinc	mg/L	0.005	0.029	0.005	0.005

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					Sample Date	Sample Date	Sample Date	Sample Date
EPA Identification No 5 (Lake 4 - within Lot 79)	Quarterly	EPL Section P1.3	Arsenic	mg/L	0.001	0.001	0.001	0.003
			Conductivity	µS/cm	274	461	480	313
			Copper	mg/L	0.001	0.001	0.001	0.001
			Iron	mg/L	0.1	1.4	0.46	0.36
			pH	pH	8.1	7.7	7.1	7.2
			Zinc	mg/L	0.041	0.005	0.005	0.005

Surface Water Quality Results - 2024

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	0.004	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	Sample Date	Sample Date	Sample Date
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
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
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 15-Feb-23	Sample Date 9-May-23	Sample Date 13-Sep-23	Sample Date 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 15-Feb-23	Sample Date 9-May-23	Sample Date 13-Sep-23	Sample Date 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 15-Feb-23	Sample Date 9-May-23	Sample Date 13-Sep-23	Sample Date 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 15-Feb-23	Sample Date 9-May-23	Sample Date 13-Sep-23	Sample Date 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

Location	Frequency	Source	Description	Unit	Q1	Q2	Q3	Q4
					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	Q2	Q3	Q4
					Sample Date 8-Feb-22	Sample Date 13-May-22	Sample Date 14-Sep-22	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	Q2	Q3	Q4
					Sample Date 8-Feb-22	Sample Date 13-May-22	Sample Date 14-Sep-22	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	Q2	Q3	Q4
					Sample Date 8-Feb-22	Sample Date 13-May-22	Sample Date 14-Sep-22	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