



**Pollution Monitoring Data - Holcim Salt Ash Sites (EPL Number 11633, 11685, 11710 and 21088)**

Facility Address	8 Oakvale Dr, Salt Ash, NSW 2318
Link to EPL on Public Register	<a href="https://www.holcim.com.au/sustainability/environment/pollution-monitoring-data">https://www.holcim.com.au/sustainability/environment/pollution-monitoring-data</a>
Date Dataset Updated	Saturday, 4 March 2023
Date Dataset Published	Wednesday, October 25, 2023

**Air Quality Monitoring - Deposition Results**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Month Sample Date	January 2023	February 2023	March 2023	April 2023	May 2023	June 2023	July 2023	August 2023	September 2023	October 2023	November 2023	December 2023
								17/01/23	14/02/23	17/03/23	18/04/2023	16/05/2023	14/06/2023	12/7/2023	9/8/2023	11/9/2023	11/10/2023	8/11/2023	8/12/2023
D3	Monthly	EPL	-	4	mg/m2/month	Insoluble Solids	Result	0.2	1.3	0.8	5.4	0.8	0.6	2.5	19.4	1.6	1.1	2.5	0.6
							Pass / Fail	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Pass
D4	Monthly	EPL	-	4	mg/m2/month	Insoluble Solids	Result	4.6	3.8	2.1	0.8	0.3	0.4	12.2	0.9	2.1	1.1	9.5	2.2
							Pass / Fail	Fail	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Fail	Pass	
D5	Monthly	EPL	-	4	mg/m2/month	Insoluble Solids	Result	1.3	1.7	1	0.6	0.7	0.6	0.5	0.5	2.2	1.6	2.1	
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
D6	Monthly	EPL	-	4	mg/m2/month	Insoluble Solids	Result	0.6	0.3	0.5	0.5	0.4	0.6	0.5	0.5	0.5	0.6	0.9	0.4
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	

Comments: Add any comments regarding the deposition monitoring outcomes in the fields below

Comment 1:	
Comment 2:	

**Groundwater Monitoring Results**

Location	Northern Dune, Northern Dune Extension, Lot 2, Area 15-17
Frequency	Quarterly and Annually
Source	EPL 11633, 11685, 11710, 21088

**pH**

Location	Unit	Q1 2023	Q2 2023	Q3 2023	Q4 2023
Piezo 1	pH Units	6.1			
Piezo 2	pH Units	6.1			
Piezo 3	pH Units	6.1			
AC1-2	pH Units	4.48			
AC1-3	pH Units				
AC1-4	pH Units				
AC1-5	pH Units	4.56			
ACI-12	pH Units				
ACI-13	pH Units	5.13			
SAL 4	pH Units	4.9			

**Conductivity @ 25oC**

Location	Unit	Q1 2023	Q2 2023	Q3 2023	Q4 2023
Piezo 1	µS/cm	117.0			
Piezo 2	µS/cm	156.0			
Piezo 3	µS/cm	92.0			
AC1-2	µS/cm	94			
AC1-3	µS/cm				
AC1-4	µS/cm				
AC1-5	µS/cm	130			
ACI-12	µS/cm				
ACI-13	µS/cm	53			
SAL 4	µS/cm	138			

**Dissolved Iron**

Location	Unit	Q1 2023	Q2 2023	Q3 2023	Q4 2023
Piezo 1	mg				
Piezo 2	mg				
Piezo 3	mg				
AC1-2	mg				
AC1-3	mg				
AC1-4	mg				
AC1-5	mg				
ACI-12	mg				
ACI-13	mg				
SAL 4	mg				

**Total Iron**

Location	Unit	Q1 2023	Q2 2023	Q3 2023	Q4 2023
Piezo 1	mg	0.3			
Piezo 2	mg	2.1			
Piezo 3	mg	0.6			
AC1-2	mg	2.05			
AC1-3	mg				
AC1-4	mg				
AC1-5	mg	0.5			
ACI-12	mg				
ACI-13	mg	1.8			
SAL 4	mg	0.96			

**Dissolved Arsenic**

Location	Unit	Q1 2023	Q2 2023	Q3 2023	Q4 2023
Piezo 1	mg	<0.001			
Piezo 2	mg	<0.001			
Piezo 3	mg	<0.001			
AC1-2	mg	<0.001			
AC1-3	mg				
AC1-4	mg				
AC1-5	mg	<0.001			
ACI-12	mg				
ACI-13	mg	<0.001			
SAL 4	mg	<0.001			

**Total Arsenic**

Location	Unit	Q1 2023	Q2 2023	Q3 2023	Q4 2023
Piezo 1	mg				
Piezo 2	mg				
Piezo 3	mg				
AC1-2	mg				
AC1-3	mg				
AC1-4	mg				
AC1-5	mg				
ACI-12	mg				
ACI-13	mg				
SAL 4	mg				

**Water Levels 2023**

Location	Unit	16/01/2023	14/02/2023	16/03/2023	18/04/2023	16/05/2023	14/06/2023	12/7/2023	9/8/2023	11/09/2023	11/10/2023	08/11/2023	8/12/23					
Piezo 1		8.03	7.95	7.76	7.90	7.29	7.87	7.79	7.54	7.68	7.31	7.47	7.18					
Piezo 2		9.07	7.93	7.74	7.93	7.81	7.90	7.78	7.59	7.56	7.36	7.64	7.25					
Piezo 3		7.85	7.78	7.54	7.74	7.85	7.74	7.55	7.54	7.35	7.21	7.37	7.18					
AC1-2		7.53	7.30	7.12	7.45	7.05	7.52	7.39	7.29	7.25	7.08	7.16	6.87					
AC1-3		8.13	8.02	7.81	7.92	7.55	8.10	7.94	7.77	7.59	7.51	7.44						
AC1-4		8.20	8.10	7.85	8.02	7.59	8.16	7.96	7.88	7.79	7.85	7.62	7.50					
AC1-5		7.24	7.11	6.88	7.24	7.48	7.39	7.25	7.43		7.04	6.71						
ACI-12		7.80	7.73	7.65	7.67	7.71	7.77	7.57	7.50		7.39	7.35	7.03					
ACI-13		7.94	7.78	7.61	7.79	7.56	7.93	7.72	7.61		7.51	7.70	7.24					

SAL 4		7.78	7.55	7.43	7.65	7.57	7.71	7.56	7.52	7.42	7.26	7.39	7.25								
Comments: Add any comments regarding the deposition monitoring outcomes in the fields below																					
Comment 1:																					
Comment 2:																					