

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



Facility Name	Lot 2 Oyster Cove
Facility Address	Tanilba Northern Dune, Lot 2 DP 734441, Tanilba Bay NSW 2319
EPL No. & Link	21088

Facility Name	Northern Dune
Facility Address	Tanilba Northern Dune, Off Oyster Cove Road, Oyster Cove, NSW 2318
EPL No. & Link	11633

Date Dataset Updated	Thursday, 29 February 2024
Date Dataset Published	Friday, March 15, 2024

Facility Name	Salt Ash Sand Quarry
Facility Address	8 Oakvale Drive, Salt Ash, NSW, 2318
EPL No. & Link	11685

Facility Name	Anna Bay
Facility Address	Anna Bay, Nelson Bay Road, Bobs Farm, NSW, 2316
EPL No. & Link	11710

Air Quality Monitoring - Deposition Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Month	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024	Dec 2024
D3	Monthly	EPL 21088	-	4.0	mg/m2/month	Insoluble Solids	Result	1	0.8										
							Pass / Fail	Pass	Pass										
D4	Monthly	EPL 21088	-	4.0	mg/m2/month	Insoluble Solids	Result	1.2	0.2										
							Pass / Fail	Pass	Pass										
D5	Monthly	EPL 21088	-	4.0	mg/m2/month	Insoluble Solids	Result	3.1	0.9										
							Pass / Fail	Pass	Pass										
D6	Monthly	EPL 21088	-	4.0	mg/m2/month	Insoluble Solids	Result	0.6	0.4										
							Pass / Fail	Pass	Pass										

Comments: Add any comments regarding the deposition monitoring outcomes in the fields below	
Comment 1:	
Comment 2:	
Comment 3:	
Comment 4:	
Comment 5:	
Comment 6:	

Groundwater - Depth

Source	Frequency	Location	Description	Unit	Period Date	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024	Dec 2024
						9 Jan 2024	8 Feb 2024	11 Mar 2024									
EPL 21088 Clause P1.3 & M2.3	Specified Quarterly	Piezo 1	Standing Water Level	Meter (m)	Result	7.23	6.98	6.85									
					Result	7.18	6.95	6.82									
					Result	7.02	6.82	6.68									
EPL 11633 Clause P1.2 & M2.2	Monthly	AC1-2	Standing Water Level	Meter (m)	Result	6.77	6.86	6.41									
		ACI-5			Result	6.63	6.36	6.33									
		ACI-13			Result	7.04	6.80	6.62									
		SAL 4			Result	7.39	6.88	6.77									

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

Comment 1:	
Comment 2:	
Comment 3:	
Comment 4:	
Comment 5:	
Comment 6:	

Groundwater Quality - EPL 21088

Lot 2 Oyster Cove						Period	Q1	Q2	Q3	Q4
Source	Frequency	Location	Unit	Description	Sample Date					
					Lab Report #					
EPL 21088 Clause P1.3 & M2.3	Quarterly	Piezo 1	pH Unints	pH	Result					
			µS/cm	Conductivity	Result					
			NTU	Turbidity	Result					
			mg/L	Arsenic	Result					
			mg/L	Iron	Result					
EPL 21088 Clause P1.3 & M2.3	Quarterly	Piezo 2	pH Unints	pH	Result					
			µS/cm	Conductivity	Result					
			NTU	Turbidity	Result					
			mg/L	Arsenic	Result					
			mg/L	Iron	Result					
EPL 21088 Clause P1.3 & M2.3	Quarterly	Piezo 3	pH Unints	pH	Result					
			µS/cm	Conductivity	Result					
			NTU	Turbidity	Result					
			mg/L	Arsenic	Result					
			mg/L	Iron	Result					
			mg/L	Manganese	Result					

Groundwater Quality - EPL 11685

Salt Ash Sand Quarry					Period	Q1	Q2	Q3	Q4
Source	Frequency	Location	Unit	Description	Sample Date				
					Lab Report #				
EPL 11685 Clause P1.2 & M2.2	Quarterly	Test Bore 1	mg/L	Total Recoverable Hydrocarbons C6 –C9					
			mg/L	Total Recoverable Hydrocarbons C10 –C14					
			mg/L	Total Recoverable Hydrocarbons C15 –C28					
			mg/L	Total Recoverable Hydrocarbons C29 –C40					
			mg/L	Arsenic					
			mg/L	Copper					
			mg/L	Iron					
			mg/L	Lead					
mg/L	Zinc								
EPL 11685 Clause P1.2 & M2.2	Quarterly	Test Bore 2	mg/L	Total Recoverable Hydrocarbons C6 –C9					
			mg/L	Total Recoverable Hydrocarbons C10 –C14					
			mg/L	Total Recoverable Hydrocarbons C15 –C28					
			mg/L	Total Recoverable Hydrocarbons C29 –C40					
			mg/L	Arsenic					
			mg/L	Copper					
			mg/L	Iron					
			mg/L	Lead					
mg/L	Zinc								
EPL 11685 Clause P1.2 & M2.2	Quarterly	Test Bore 3	mg/L	Total Recoverable Hydrocarbons C6 –C9					
			mg/L	Total Recoverable Hydrocarbons C10 –C14					
			mg/L	Total Recoverable Hydrocarbons C15 –C28					
			mg/L	Total Recoverable Hydrocarbons C29 –C40					
			mg/L	Arsenic					
			mg/L	Copper					
			mg/L	Iron					
			mg/L	Lead					
mg/L	Zinc								

Groundwater Quality - EPL 11685

Northern Dune					Period	Jan-Jun	Jul-Dec
Source	Frequency	Location	Unit	Description	Sample Date		
					Lab Report #		
EPL 11685 Clause P1.2 & M2.2	6 Monthly	ACI-2	pH Unints	pH			
			µS/cm	Conductivity			
			mg/L	Total Recoverable Hydrocarbons C6 –C9			
			mg/L	Total Recoverable Hydrocarbons C10 –C14			
			mg/L	Total Recoverable Hydrocarbons C15 –C28			
			mg/L	Total Recoverable Hydrocarbons C29 –C40			
			mg/L	Arsenic			
			mg/L	Iron			
EPL 11685 Clause P1.2 & M2.2	6 Monthly	ACI-5	pH Unints	pH			
			µS/cm	Conductivity			
			mg/L	Total Recoverable Hydrocarbons C6 –C9			
			mg/L	Total Recoverable Hydrocarbons C10 –C14			
			mg/L	Total Recoverable Hydrocarbons C15 –C28			
			mg/L	Total Recoverable Hydrocarbons C29 –C40			
			mg/L	Arsenic			
			mg/L	Iron			
EPL 11685 Clause P1.2 & M2.2	6 Monthly	ACI-13	pH Unints	pH			
			µS/cm	Conductivity			
			mg/L	Total Recoverable Hydrocarbons C6 –C9			
			mg/L	Total Recoverable Hydrocarbons C10 –C14			
			mg/L	Total Recoverable Hydrocarbons C15 –C28			
			mg/L	Total Recoverable Hydrocarbons C29 –C40			
			mg/L	Arsenic			
			mg/L	Iron			
EPL 11685 Clause P1.2 & M2.2	6 Monthly	SAL-4	pH Unints	pH			
			µS/cm	Conductivity			
			mg/L	Total Recoverable Hydrocarbons C6 –C9			
			mg/L	Total Recoverable Hydrocarbons C10 –C14			
			mg/L	Total Recoverable Hydrocarbons C15 –C28			
			mg/L	Total Recoverable Hydrocarbons C29 –C40			
			mg/L	Arsenic			
			mg/L	Iron			
mg/L	Manganese						