

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	Monday, 15 July 2024
Date Dataset Published	Monday, July 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	0.8	0.9	27	14.6						
							Pass / Fail	Pass	Pass	Pass	Pass	Fail	Fail						
D4	Monthly	EPL 21088	-	4.0	mg/m2/month	Insoluble Solids	Result	1.2	0.2	0.9	1	29.1	0.3						
							Pass / Fail	Pass	Pass	Pass	Pass	Fail	Pass						
D5	Monthly	EPL 21088	-	4.0	mg/m2/month	Insoluble Solids	Result	3.1	0.9	0.6	0.6	0.6	0.4						
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass						
D6	Monthly	EPL 21088	-	4.0	mg/m2/month	Insoluble Solids	Result	0.6	0.4	0.6	0.2	0.2	0.3						
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass						

Comments: Add any comments regarding the deposition monitoring outcomes in the fields below	
Comment 1:	May 2024-D3 Ash Content 26.5 mg/m2/month & D4 Ash Content 28.5 mg/m2/month
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	8 Apr 2024								
EPL 21088 Clause P1.3 & M2.3	Specified Quarterly	Piezo 1	Standing Water Level	Meter (m)	Result	7.23	6.98	6.85	7.08								
					Result	7.18	6.95	6.82	7.01								
					Result	7.02	6.82	6.68	6.95								
EPL 11633 Clause P1.2 & M2.2	Monthly	AC1-2	Standing Water Level	Meter (m)	Result	6.77	6.86	6.41	6.79								
		ACI-5			Result	6.63	6.36	6.33	6.72								
		ACI-13			Result	7.04	6.80	6.62	6.82								
		SAL 4			Result	7.39	6.88	6.77	7.39								

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	16-May-2024				
					Lab Report #	ES2415866				
EPL 21088 Clause P1.3 & M2.3	Quarterly	Piezo 1	pH Unints	pH	Result	5.72				
			µS/cm	Conductivity	Result	1.44				
			NTU	Turbidity	Result	34.00				
			mg/L	Arsenic	Result	0.00				
			mg/L	Iron	Result	0.52				
EPL 21088 Clause P1.3 & M2.3	Quarterly	Piezo 2	mg/L	Manganese	Result	0.00				
			pH Unints	pH	Result	5.50				
			µS/cm	Conductivity	Result	1.36				
			NTU	Turbidity	Result	2.81				
			mg/L	Arsenic	Result	0.00				
EPL 21088 Clause P1.3 & M2.3	Quarterly	Piezo 3	mg/L	Iron	Result	1.23				
			mg/L	Manganese	Result	0.01				
			pH Unints	pH	Result	3.69				
			µS/cm	Conductivity	Result	114.00				
			NTU	Turbidity	Result	96.00				
EPL 21088 Clause P1.3 & M2.3	Quarterly	Piezo 3	mg/L	Arsenic	Result	0.00				
			mg/L	Iron	Result	2.37				
EPL 21088 Clause P1.3 & M2.3	Quarterly	Piezo 3	mg/L	Manganese	Result	0.02				
			mg/L	Manganese	Result	0.02				

Groundwater Quality - EPL 11685

Salt Ash Sand Quarry					Period	Q1	Q2	Q3	Q4
Source	Frequency	Location	Unit	Description	Sample Date	16-May-2024			
					Lab Report #	ES2415866			
EPL 11685 Clause P1.2 & M2.2	Quarterly	Test Bore 1	mg/L	Total Recoverable Hydrocarbons C6 –C9	<20				
			mg/L	Total Recoverable Hydrocarbons C10 –C14	<100				
			mg/L	Total Recoverable Hydrocarbons C15 –C28	<100				
			mg/L	Total Recoverable Hydrocarbons C29 –C40	<100				
			mg/L	Arsenic	<0.001				
			mg/L	Copper	<0.001				
			mg/L	Iron	0.5				
			mg/L	Lead	<0.001				
EPL 11685 Clause P1.2 & M2.2	Quarterly	Test Bore 2	mg/L	Total Recoverable Hydrocarbons C6 –C9	<20				
			mg/L	Total Recoverable Hydrocarbons C10 –C14	<100				
			mg/L	Total Recoverable Hydrocarbons C15 –C28	<100				
			mg/L	Total Recoverable Hydrocarbons C29 –C40	<100				
			mg/L	Arsenic	<0.001				
			mg/L	Copper	0.1				
			mg/L	Iron	5.7				
			mg/L	Lead	0.0				
EPL 11685 Clause P1.2 & M2.2	Quarterly	Test Bore 3	mg/L	Total Recoverable Hydrocarbons C6 –C9	<20				
			mg/L	Total Recoverable Hydrocarbons C10 –C14	<100				
			mg/L	Total Recoverable Hydrocarbons C15 –C28	<100				
			mg/L	Total Recoverable Hydrocarbons C29 –C40	<100				
			mg/L	Arsenic	<0.001				
			mg/L	Copper	<0.001				
			mg/L	Iron	0.9				
			mg/L	Lead	<0.001				
mg/L	Zinc	<0.005							

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			