

Facility Name

Facility Address

EPL No. & Link

Lot 2 Oyster Cove

Tanilba Northern Dune, Lot 2 DP 734441, Tanilba Bay NSW 2319

[21088](#)

Facility Name

Facility Address

EPL No. & Link

Northern Dune

Tanilba Northern Dune, Off Oyster Cove Road, Oyster Cove, NSW 2318

[11633](#)

Date Dataset Updated

Date Dataset Published

Wednesday, 18 December 2024

Wednesday, December 18, 2024

Facility Name

Facility Address

EPL No. & Link

Salt Ash Sand Quarry

8 Oakvale Drive, Salt Ash, NSW, 2318

[11685](#)

Facility Name

Facility Address

EPL No. & Link

Anna Bay

Anna Bay, Nelson Bay Road, Bobs Farm, NSW, 2316

[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	17.6	1.5	23.1	0.2	0.5	0.3					
							Pass / Fail	Pass	Pass	Pass	Pass	Fail	Fail	Fail	Pass	Fail	Pass	Pass	Pass					
D4	Monthly	EPL 21088	-	4.0	mg/m2/month	Insoluble Solids	Result	1.2	0.2	0.9	1	29.1	0.3	0.2	0.5	0.7	0.6	0.8	0.9					
							Pass / Fail	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Pass	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	0.2	0.2	0.4	0.7	0.1	0.8					
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	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	0.2	0.7	0.3	0.8	0.2	0.1					
							Pass / Fail	Pass	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:	May 2024-D3 Ash Content 26.5 mg/m2.month & D4 Ash Content 28.5 mg/m2/month																							
Comment 2:	Jul - Ash content, There is no extraction near this Area																							
Comment 3:	Aug 2024 - D3 Ash Content 22.4 mg/m2.month (no extraction near this Area)																							
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	6 May 2024	4 Jun 2024	2 Jul 2024	1 Aug 2024	2 Sep 2024			5 Dec 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	7.22	7.96	7.87	8.03	7.94			
		Piezo 2			Result	7.18	6.95	6.82	7.01	7.21	8.08	8.02	8.07	8.02			
		Piezo 3			Result	7.02	6.82	6.68	6.95	7.30	8.01	7.85	7.91	7.81			

EPL 11633 Clause P1.2 & M2.2	Monthly	AC1-2	Standing Water Level	Meter (m)	Result	6.77	6.86	6.41	6.79	7.52	8.18	8.44	8.44	8.00			
		ACI-5			Result	6.63	6.36	6.33	6.72	7.73	8.13	8.13	8.13	8.13			
		ACI-13			Result	7.04	6.80	6.62	6.82	7.60	8.33	8.36	8.31	8.26			
		SAL 4			Result	7.39	6.88	6.77	7.39	7.90	8.09	8.22	8.04	7.85			

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	26-Jun-2024	27-Sep-2024	5-Dec-2024
					Lab Report #	ES2415866	ES2420968		
EPL 21088 Clause P1.3 & M2.3	Quarterly	Piezo 1	pH Unints	pH	Result	5.72	2,280.00	5.40	5.30
			µS/cm	Conductivity	Result	144.00	113.00	102.00	106.00
			NTU	Turbidity	Result	34.00	6.02	4.70	
			mg/L	Arsenic	Result	0.00	0.00	0.00	0.00
			mg/L	Iron	Result	0.52	1.15	0.23	0.19
			mg/L	Manganese	Result	0.00	0.01	0.01	0.01
EPL 21088 Clause P1.3 & M2.3	Quarterly	Piezo 2	pH Unints	pH	Result	5.50	437.00	5.90	5.40
			µS/cm	Conductivity	Result	136.00	138.00	141.00	183.00
			NTU	Turbidity	Result	281.00	5.98	386.00	
			mg/L	Arsenic	Result	0.00	0.00	0.00	0.00
			mg/L	Iron	Result	1.23	1.16	0.46	0.41
			mg/L	Manganese	Result	0.01	0.01	0.01	0.01
EPL 21088 Clause P1.3 & M2.3	Quarterly	Piezo 3	pH Unints	pH	Result	3.69	156.00	5.80	4.70
			µS/cm	Conductivity	Result	114.00	81.00	92.00	109.00
			NTU	Turbidity	Result	96.00	5.27	306.00	
			mg/L	Arsenic	Result	0.00	<0.001	0.00	0.00
			mg/L	Iron	Result	2.37	0.70	0.24	0.32
			mg/L	Manganese	Result	0.02	0.01	0.01	0.01

Groundwater Quality - EPL 11685

Salt Ash Sand Quarry	Period	Q1	Q2	Q3	Q4
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Source	Frequency	Location	Unit	Description	Sample Date	16-May-2024	26-Jun-2024	27-Sep-2024	5-Dec-2024
					Lab Report #	ES2415866	ES2420968		
EPL 11685 Clause P1.2 & M2.2	Quarterly	Test Bore 1	mg/L	Total Recoverable Hydrocarbons C6 –C9		<20	<20	0.02	0.02
			mg/L	Total Recoverable Hydrocarbons C10 –C14		<100	<100	0.05	0.05
			mg/L	Total Recoverable Hydrocarbons C15 –C28		<100	<100	0.10	0.10
			mg/L	Total Recoverable Hydrocarbons C29 –C40		<100	<100	0.10	0.10
			mg/L	Arsenic		<0.001	<0.001	0.00	0.00
			mg/L	Copper		<0.001	<0.001	0.00	0.00
			mg/L	Iron		0.5	0.50	0.50	0.95
			mg/L	Lead		<0.001	<0.001	0.00	0.00
			mg/L	Zinc		0.0	<0.005	0.02	0.01
EPL 11685 Clause P1.2 & M2.2	Quarterly	Test Bore 2	mg/L	Total Recoverable Hydrocarbons C6 –C9		<20	<20	0.02	0.02
			mg/L	Total Recoverable Hydrocarbons C10 –C14		<100	<100	0.05	0.05
			mg/L	Total Recoverable Hydrocarbons C15 –C28		<100	<100	0.10	0.10
			mg/L	Total Recoverable Hydrocarbons C29 –C40		<100	<100	0.10	0.10
			mg/L	Arsenic		<0.001	<0.001	0.00	0.00
			mg/L	Copper		0.1	0.16	0.01	0.07
			mg/L	Iron		5.7	0.32	1.10	1.70
			mg/L	Lead		0.0	0.01	0.00	0.00
			mg/L	Zinc		0.3	1.97	0.03	0.08
EPL 11685 Clause P1.2 & M2.2	Quarterly	Test Bore 3	mg/L	Total Recoverable Hydrocarbons C6 –C9		<20	<20	0.02	0.02
			mg/L	Total Recoverable Hydrocarbons C10 –C14		<100	<100	0.05	0.05
			mg/L	Total Recoverable Hydrocarbons C15 –C28		<100	<100	0.10	0.10
			mg/L	Total Recoverable Hydrocarbons C29 –C40		<100	<100	0.10	0.10
			mg/L	Arsenic		<0.001	<0.001	0.00	0.00
			mg/L	Copper		<0.001	<0.001	0.00	0.00
			mg/L	Iron		0.9	5.43	0.78	0.61
			mg/L	Lead		<0.001	<0.001	0.00	0.00
			mg/L	Zinc		<0.005	0.15	0.01	0.01

Groundwater Quality - EPL 11685

Northern Dune						Period	Jan-Jun	Jul-Dec
Source	Frequency	Location	Unit	Description	Sample Date	Lab Report #	16 May 2024	4 Oct 2024
							ES2415866	
EPL 11685 Clause P1.2 & M2.2	6 Monthly	ACI-2	pH Unints	pH			4.71	4.10
			µS/cm	Conductivity			91.00	94.00
			mg/L	Total Recoverable Hydrocarbons C6 –C9			<20	0.02
			mg/L	Total Recoverable Hydrocarbons C10 –C14			<100	0.05
			mg/L	Total Recoverable Hydrocarbons C15 –C28			<100	0.10
			mg/L	Total Recoverable Hydrocarbons C29 –C40			<100	0.10
			mg/L	Arsenic			<0.001	0.00
			mg/L	Iron			2.85	2.70
			mg/L	Manganese			0.02	0.02
			pH Unints	pH			4.47	4.20

EPL 11685 Clause P1.2 & M2.2	6 Monthly	ACI-5	µS/cm	Conductivity	133.00	109.00
			mg/L	Total Recoverable Hydrocarbons C6 –C9	<20	0.02
			mg/L	Total Recoverable Hydrocarbons C10 –C14	<100	0.05
			mg/L	Total Recoverable Hydrocarbons C15 –C28	<100	0.10
			mg/L	Total Recoverable Hydrocarbons C29 –C40	<100	0.10
			mg/L	Arsenic	<0.001	0.00
			mg/L	Iron	0.72	0.41
			mg/L	Manganese	0.00	0.01
EPL 11685 Clause P1.2 & M2.2	6 Monthly	ACI-13	pH Unints	pH	4.70	4.00
			µS/cm	Conductivity	47.00	44.00
			mg/L	Total Recoverable Hydrocarbons C6 –C9	<20	0.02
			mg/L	Total Recoverable Hydrocarbons C10 –C14	<100	0.05
			mg/L	Total Recoverable Hydrocarbons C15 –C28	<100	0.10
			mg/L	Total Recoverable Hydrocarbons C29 –C40	<100	0.10
			mg/L	Arsenic	<0.001	0.00
			mg/L	Iron	2.04	0.88
			mg/L	Manganese	0.01	0.02
EPL 11685 Clause P1.2 & M2.2	6 Monthly	SAL-4	pH Unints	pH	5.27	4.40
			µS/cm	Conductivity	133.00	108.00
			mg/L	Total Recoverable Hydrocarbons C6 –C9	<20	0.02
			mg/L	Total Recoverable Hydrocarbons C10 –C14	<100	0.05
			mg/L	Total Recoverable Hydrocarbons C15 –C28	<100	0.10
			mg/L	Total Recoverable Hydrocarbons C29 –C40	<100	0.10
			mg/L	Arsenic	0.00	0.00
			mg/L	Iron	6.81	0.44
			mg/L	Manganese	0.23	0.03