

Environment Monitoring Results



Environment Protection Licences No	11393
Link To Licence on EPA Website	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=7374&SYSUID=1&LICID=11393
Licencees Name	Rivalea (Australia) Pty Ltd
Licencees Address	Riverina Highway, Bungowannah, NSW 2640
Substance Monitored	GROUNDWATER
Monitoring Frequency	Quarterly
Reporting period	13/05/2013 -13/05/2017
Published Date	13/06/2017

Sampling Date	Monitoring Point	AMMONIA (mgN/L)	DEPTH (m)	NITRATE (mgN/L)
25/06/2013	PIEZOMETER 1 (MW3) (MP 1)		18.22	25
	PIEZOMETER 2 (MP 2)		19.67	5.6
	PIEZOMETER 3 (MP 3)		19.78	1.2
	PIEZOMETER 4 (MP 4)		DRY	
25/09/2013	PIEZOMETER 1 (MW3) (MP 1)		18.13	30.5
	PIEZOMETER 2 (MP 2)		19.68	4.9
	PIEZOMETER 3 (MP 3)		19.83	1.2
	PIEZOMETER 4 (MP 4)		13.64	24
10/12/2013	PIEZOMETER 1 (MW3) (MP 1)		18.19	18.5
	PIEZOMETER 2 (MP 2)		19.74	4.2
	PIEZOMETER 3 (MP 3)		19.89	1.6
	PIEZOMETER 4 (MP 4)		DRY	
21/03/2014	PIEZOMETER 1 (MW3) (MP 1)		18.41	30.5
	PIEZOMETER 2 (MP 2)		19.81	4.5
	PIEZOMETER 3 (MP 3)		DRY	
	PIEZOMETER 4 (MP 4)		DRY	
1/07/2014	PIEZOMETER 1 (MW3) (MP 1)		20.67	
	PIEZOMETER 2 (MP 2)		19.83	4.2
	PIEZOMETER 3 (MP 3)		19.91	2
	PIEZOMETER 4 (MP 4)		14.36	
8/10/2014	PIEZOMETER 1 (MW3) (MP 1)		DRY	
	PIEZOMETER 2 (MP 2)	0.01	19.8	3.5
	PIEZOMETER 3 (MP 3)	0.01	19.89	2
	PIEZOMETER 4 (MP 4)		DRY	
17/12/2014	PIEZOMETER 1 (MW3) (MP 1)		DRY	
	PIEZOMETER 2 (MP 2)	0.01	19.84	2.8
	PIEZOMETER 3 (MP 3)	0.01	19.82	2.1
5/03/2015	PIEZOMETER 1 (MW3) (MP 1)		DRY	
	PIEZOMETER 2 (MP 2)	0.01	19.91	3.6
	PIEZOMETER 3 (MP 3)	0.01	20.1	2.3
	PIEZOMETER 4 (MP 4)		DRY	

Environment Monitoring Results



Environment Monitoring Results



10/06/2015	PIEZOMETER 1 (MW3) (MP 1)		DRY	
	PIEZOMETER 2 (MP 2)	1.9	19.95	0.4
	PIEZOMETER 3 (MP 3)	0.01	20.03	2
	PIEZOMETER 4 (MP 4)		DRY	
29/09/2015	PIEZOMETER 1 (MW3) (MP 1)		DRY	
	PIEZOMETER 2 (MP 2)	0.01	19.69	2.4
	PIEZOMETER 3 (MP 3)	0.01	19.7	1.7
	PIEZOMETER 4 (MP 4)		DRY	
16/12/2015	PIEZOMETER 1 (MW3) (MP 1)		DRY	
	PIEZOMETER 2 (MP 2)	0.01	19.74	2.9
	PIEZOMETER 3 (MP 3)	0.01	19.94	1.5
	PIEZOMETER 4 (MP 4)		DRY	
23/03/2016	PIEZOMETER 1 (MW3) (MP 1)		DRY	
	PIEZOMETER 2 (MP 2)	0.01	19.9	2.4
	PIEZOMETER 3 (MP 3)	0.01	20.1	1.6
	PIEZOMETER 4 (MP 4)		DRY	
6/07/2016	PIEZOMETER 1 (MW3) (MP 1)		DRY	
	PIEZOMETER 2 (MP 2)	0.01	19.93	3.6
	PIEZOMETER 3 (MP 3)	0.01	20.03	1.4
	PIEZOMETER 4 (MP 4)		DRY	
12/09/2016	PIEZOMETER 1 (MW3) (MP 1)		DRY	
	PIEZOMETER 2 (MP 2)	0.01	19.56	3.4
	PIEZOMETER 3 (MP 3)	<0.01	19.7	1.7
	PIEZOMETER 4 (MP 4)	0.02	12.5	35
13/09/2016	PIEZOMETER 1 (MW3) (MP 1)	<0.01	18.25	19
	PIEZOMETER 2 (MP 2)	0.01	22.55	3.4
	PIEZOMETER 3 (MP 3)	<0.01	19.7	1.7
	PIEZOMETER 4 (MP 4)	0.02	12.5	35
15/12/2016	PIEZOMETER 1 (MW3) (MP 1)	<0.01	18.8	19
	PIEZOMETER 2 (MP 2)	0.01	19.86	4.4
	PIEZOMETER 3 (MP 3)	<0.01	19.7	1.4
	PIEZOMETER 4 (MP 4)	<0.01	13.8	28
31/01/2017	PIEZOMETER 4 (MP 4)		DRY	
1/03/2017	PIEZOMETER 1 (MW3) (MP 1)	<0.01	18.05	20
	PIEZOMETER 2 (MP 2)	<0.01	19.65	3.2
	PIEZOMETER 3 (MP 3)	<0.01	19.77	1.5
	PIEZOMETER 4 (MP 4)	0	13.85	0

Average			
Monitoring Point	AMMONIA (mgN/L)	DEPTH (m)	NITRATE (mgN/L)
PIEZOMETER 1 (MW3) (MP 1)	0.00	18.61	23.21

Environment Monitoring Results



Environment Monitoring Results



PIEZOMETER 2 (MP 2)	0.17	19.95	3.49
PIEZOMETER 3 (MP 3)	0.01	19.87	1.68
PIEZOMETER 4 (MP 4)	0.01	13.44	24.40