

Byron Shire Council - Myocum Landfill Environmental Protection Licence No. 6057

Manse Road, Tyagarah, NSW 2481

EPL weblink: <http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=30174&SYSUID=1&LICID=6057>

LDS WATER QUALITY DATA

Sample Date	EPL Sampling Site No	Sampling Site Name	pH	EC	Temp	Alk	Cl	Fe (T)	Ammonia	Nitrate	SO4	TSS
			Measurement Units									
				mS/cm	°C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
14/03/2012	32	LDS	7.5	0.5	-	125	51	4.7	0	2.19	45	4
2/05/2012	32	LDS	7.2	0.42	-	94	42	6.05	0	0.81	44	9.4
30/05/2012	32	LDS	7.7	0.43	-	148	46	6.52	0.03	1.05	49	-
4/07/2012	32	LDS	7.2	0.43	-	96	42	8.52	0.03	0.77	44	-
19/11/2012	32	LDS	6.8	0.71	21.5	163	63	0.51	1.9	0.94	73	-
24/01/2013	32	LDS	-	-	-	169	53	1.1	0.77	0	73	-
6/03/2013	32	LDS	7	0.35	-	88	36	6.52	0.21	0.99	35	6.8
22/03/2013	32	LDS	7.2	0.41	-	98	42	5.99	0.11	1.17	42	-
17/04/2013	32	LDS	7.3	0.43	-	106	68	6.21	0.3	0.77	44	5.4
15/05/2013	32	LDS	7.4	0.48	-	122	49	5.94	0.08	0.91	47	-
24/06/2013	32	LDS	7.8	0.52	-	130	50	2.91	0.02	0.02	58	-
31/07/2013	32	LDS	7.7	0.51	-	120	50	7.95	0	1.22	66	-
15/01/2014	32	LDS	7.9	0.69	-	177	63	0.38	0.06	2.06	107	-
20/08/2014	32	LDS	8	0.78	19.9	200	80	0.25	0.03	0.97	135	-
12/01/2015	32	LDS	7.5	0.64	-	160	55	5.18	0.05	1.03	84	-
25/02/2015	32	LDS	7.6	0.55	18.8	140	50	7.64	0.16	0.75	61	-
13/05/2015	32	LDS	7.4	0.61	21.1	140	58	7.01	0.05	0.94	66	-

Sample Date	EPL Sampling Site No	Sampling Site Name	Ca	Mg	Mn (T)	TOC	Na	K	Fl	As	Total Phenolics	Organochloride Pesticides
			Measurement Units									
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L
14/03/2012	32	LDS	57	3.3	0.26	51	34	5	-	-	0	0
2/05/2012	32	LDS	50	2.6	0.18	26	30	6	-	-	0	0
30/05/2012	32	LDS	51	2.2	0.23	53	31	6	0.08	0	0	0
4/07/2012	32	LDS	56	2.5	0.22	35	33	5	0.05	0.009	0	0
19/11/2012	32	LDS	76	4.3	0.22	31	40	9	0.06	0	0	0
24/01/2013	32	LDS	76	3.8	0.22	-	37	9	0.13	0	0	0
6/03/2013	32	LDS	45	2.2	0.18	22	27	8	0.05	0.008	0	0
22/03/2013	32	LDS	53	2.5	0.31	25	31	0	0.08	0.013	0	0
17/04/2013	32	LDS	53	2.2	0.24	26	31	6	0.07	0.015	0	0
15/05/2013	32	LDS	60	2.3	0.2	26	31	6	0.06	0.006	0	0
24/06/2013	32	LDS	70	3.5	0.11	27	35	7	0.09	0.005	-	0
31/07/2013	32	LDS	76	3	0.22	26	38	7	0.09	0	0	0
15/01/2014	32	LDS	105	4.8	0.01	28	46	10	0.08	0	0	-
20/08/2014	32	LDS	114	5.7	<0.01	-	52	12	0.08	<0.005	<2.4	<0.8
12/01/2015	32	LDS	85	4.4	0.18	-	38	9	0.06	<0.005	<2.4	<0.8
25/02/2015	32	LDS	78	3.9	0.379	31	32	6	-	-	<2.4	<0.8
13/05/2015	32	LDS	88	4.5	0.283	36	40	6	0.07	0.007	<2.4	<0.8

Note: As per EPL condition M2.5, LDS is sampled on each occasion liquid is removed from the sump and tested to establish if it is groundwater or leachate