

Murrumbateman Landfill Monitoring Report - 2016 to 2024

Environmental Protection Licence - 5895
Yass Valley Council, PO Box 6, Yass NSW 2582

Murrumbateman Landfill, 246 Isabel Drive, Murrumbateman NSW 2582

Link to Public Register: <https://www.epa.nsw.gov.au/licensing-and-regulation/public-registers>

Water monitoring - Quarterly
Gas monitoring - Yearly

Lab Ref No.	Sample Pt.	Sampled Date	Sampled Time	pH	Conductivity	Alkal.(CaCO3)				Ammonia (asN)	T.Oxid Nit(asN)	Depth to Water Sampling m	Depth to Water m	BOD Resu mg/L	Gas Monitoring			
				pH Unit	SpC µS/cm	Bicarb mg/L	Carb mg/L	Hydrox mg/L	Total mg/L	Ammonia mg/L N	Oxidised N mg/L N				CO2	Methane	Oxygen	
1900243	YMLD020	11-Jan-2019	13:20PM	9.66	2650	283	347	<0.1	629	<0.1	<0.05				22			
1902764	YMLD020	26-Apr-2019	9:20AM	9.44	3190	301	380	<0.1	680	<0.1	<0.05				8			
1904861	YMLD020	29-Jul-2019	11:55 AM	9.5	3150	209	440	<0.1	650	<0.1	<0.05				12			
1906300	YMLD020	01-Oct-2019	12:45 PM	9.53	3320	212	364	<0.1	575	<0.1	0.06				18			
2000411	YMLD020	17-Jan-2020	10:30 AM	9.52	5690	460	558	<0.1	1020	<0.1	<0.05				23			
2002634	YMLD020	16-Apr-2020	10:00 AM	9.51	4010	387	479	<0.1	866	0.5	0.49				20			
2004967	YMLD020	29-Jul-2020	10:30 AM	8.63	2830	648	90.1	<0.1	738	7.3	1.29				10			
2006626	YMLD020	07-Oct-2020	01:15 PM	8.92	1740	320	130	<0.1	451	4.3	5.77				11			
CA2100503005	YMLD020	27-Jan-2021	09:36:00	8.83	1980	392	123	<0.1	515	4.4	1.41				11			
CA2104376005	YMLD020	14-Jul-2021	9:45:00	8.78	1680	457	119	<0.1	576	8.2	2.41				12			
CA2104957-005	YMLD020	09-Aug-2021	9:51:00	9.11	1290	247	115	<0.1	361	2.6	1.75				40			
CA2106256-005	YMLD020	13-Oct-2021	11:07:00	8.54	1300	320	78.3	<0.1	398	4.8	0.6				6			
CA2200930-005	YMLD020	11-Feb-2022	11:07:00	9.62	1150	144	189	<0.1	333	<0.1	<0.05				8			
CA2203389-005	YMLD020	16-May-2022	10:18:00	8.97	1340	302	109	<0.1	411	5.8	0.11				7			
CA2204738-005	YMLD020	13-Jul-2022	11:47:00	8.27	1670	561	<0.1	<0.1	561	13.7	0.66				10			
CA2207011-005	YMLD020	19-Oct-2022	11:50:00	8.1	1040	387	<0.1	<0.1	387	11.1	0.41				<2			
CA2300546-005	YMLD020	27-Jan-2023	12:00:00	8.45	2040	596	38	<0.1	633	12.3	0.11				8			
CA2304211-005	YMLD020	11-Jul-2023	13:09:00	8.62	1290	445	60.2	<0.1	506	4.8	1.54				12			
CA2305152-005	YMLD020	25-Aug-2023	8:45:00	9.02	1910	419	183	<0.1	602	2.6	0.73				11			
CA2306346-005	YMLD020	18-Oct-2023	8:30:00	8.82	1680	543	122	<0.1	665	6.6	0.06				17			
CA2400174-005	YMLD020	10-Jan-2024	10:10:00	9.11	1680	465	153	<0.1	618	2	0.13				17			
CA2400776-005	YMLD020	05-Feb-2024	10:15:00	9.29	1760	442	210	<0.1	652	0.5	0.05				15			
CA2402394-005	YMLD020	16-Apr-2024	10:10:00	9.24	1900	697	174	<0.1	697	3.4	0.09				16			
CA2404145-005	YMLD020	02-Jul-2024	11:48:00	9.43	1260	314	285	<0.1	599	1.2	0.28				8			
CA2406691-005	YMLD020	17-Oct-2024	10:45:00	8.86	1890	588	140	<0.1	728	5.4	<0.05				6			
Landfill Gas Well LGW-1																		
20190823	YMLG010	11-Jul-2019																
10879	YMLG010	27-Oct-2020														25.3	49	0
10879	YMLG010	05-Aug-2021														5	13.1	16.6
	YMLG010	23-Sep-2022														14.9	1.2	8.1
	YMLG010	11-Nov-2022														18.2	11.9	19.7
	YMLG010	14-Dec-2022														21.2	33.5	0.2
	YMLG010	16-Oct-2023														0.3	0	22.1
	YMLG010															0.3	0	20.5
Landfill Gas Well LGW-2																		
20190823	YMLG020	11-Jul-2019																
10879	YMLG020	27-Oct-2020														2.7	2.4	
10879	YMLG020	05-Aug-2021														10	13.7	2.3
	YMLG020	23-Sep-2022														0.4	0	20.9
	YMLG020	11-Nov-2022														3.7	15.7	20.6
	YMLG020	14-Dec-2022														4.1	12.7	0.6
	YMLG020	16-Oct-2023														6.3	12.9	0
	YMLG020															10.4	20.3	0.1