

Concentration Monitoring Summary
Cooma Landfill 8448 Monaro Highway Cooma NSW
EPA Licence 6194

		Date	7/12/2021	1/03/2022	7/06/2022	6/09/2022	14/12/2022	7/03/2023	6/06/2023	5/09/2023	7/12/2021	1/03/2022	7/06/2022	6/09/2022	14/12/2022	7/03/2023	6/06/2023	7/12/2021	1/03/2022	7/06/2022	6/09/2022	14/12/2022	7/03/2023	6/06/2023	5/09/2023
		Unit	Monitoring Location 1	Monitoring Location 1	Monitoring Location 1	Monitoring Location 1	Monitoring Location 1	Monitoring Location 1	Monitoring Location 1	Monitoring Location 1	Monitoring Location 2	Monitoring Location 2	Monitoring Location 2	Monitoring Location 2	Monitoring Location 2	Monitoring Location 2	Monitoring Location 2	Monitoring Location 3	Monitoring Location 3	Monitoring Location 3	Monitoring Location 3	Monitoring Location 3	Monitoring Location 3	Monitoring Location 3	Monitoring Location 3
EA005CA: pH	pH	pH Unit	7.90	8.15	8.08	8.01	7.98	7.66	7.83	8.12	7.57	8.10	8.02	8.01	7.89	7.65	7.75	7.80	7.82	7.77	7.96	7.58	7.31	7.25	7.76
EA010CA: Conductivity	Electrical Conductivity @ 25°C	µS/cm	469	546	521	489	712	664	376	454	467	469	480	519	680	359	363	1090	1730	1680	1680	1930	3400	1870	1500
ED037CA: Alkalinity	Bicarbonate Alkalinity as CaCO3	mg/L	271	249	231	211	228	246	235	210	238	216	207	237	227	245	242	450	431	487	537	607	716	748	569
ED037CA: Alkalinity	Carbonate Alkalinity as CaCO3	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
ED037CA: Alkalinity	Hydroxide Alkalinity as CaCO3	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
ED037CA: Alkalinity	Total Alkalinity as CaCO3	mg/L	271	249	231	211	228	246	235	210	238	216	207	237	227	245	242	450	431	487	537	607	716	748	569
EK055CA: Ammonia as N	Ammonia as N	mg/L N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
EK057CA: Nitrite as N	Nitrite as N	mg/L N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	0.29	0.02	<0.01
EK058CA: Nitrate as N	Nitrate as N	mg/L N	3.29	2.83	1.54	2.48	3.27	3.04	3.25	0.31	2.52	2.53	2.26	3.38	2.66	2.48	2.46	10.1	13.5	5.37	4.47	6.65	1.54	0.79	1.05
EK059CA: Nitrite plus Nitrate as N	Nitrite + Nitrate as N	mg/L N	3.29	2.83	1.54	2.48	3.27	3.04	3.25	0.31	2.52	2.53	2.26	3.38	2.66	2.48	2.46	10.1	13.5	5.37	4.47	6.65	1.83	0.81	1.05
EP030CA: Biochemical Oxygen Demand	Biochemical Oxygen Demand	mg/L	<2	5	<2	6	<2		5		<2	<2	<2	3	<2		4	4	3	3	<2	2		3	

		Date	7/12/2021	1/03/2022	7/06/2022	6/09/2022	14/12/2022	7/03/2023	6/06/2023	5/09/2023	7/12/2021	1/03/2022	7/06/2022	6/09/2022	14/12/2022	7/03/2023	6/06/2023	5/09/2023	7/12/2021	1/03/2022	7/06/2022	6/09/2022	14/12/2022	7/03/2023	6/06/2023	5/09/2023
		Unit	Monitoring Location 4	Monitoring Location 4	Monitoring Location 4	Monitoring Location 4	Monitoring Location 4	Monitoring Location 4	Monitoring Location 4	Monitoring Location 4	Monitoring Location 5	Monitoring Location 5	Monitoring Location 5	Monitoring Location 5	Monitoring Location 5	Monitoring Location 5	Monitoring Location 5	Monitoring Location 5	Monitoring Location 6	Monitoring Location 6	Monitoring Location 6	Monitoring Location 6	Monitoring Location 6	Monitoring Location 6	Monitoring Location 6	Monitoring Location 6
EA005CA: pH	pH	pH Unit	7.80	8.11	8.04	8.06	7.95	7.81	7.86	8.12	8.18	8.13	8.1	8.09	7.99	7.83	7.8	8.15	7.59	8.51	8.09	8.02	8.06	8.06	8.25	8.01
EA010CA: Conductivity	Electrical Conductivity @ 25°C	µS/cm	487	503	514	538	733	673	352	388	515	477	419	519	656	346	435	367	773	827	1080	1100	1130	1120	1140	929
ED037CA: Alkalinity	Bicarbonate Alkalinity as CaCO3	mg/L	376	233	221	239	253	259	251	228	288	231	210	238	227	250	247	220	299	278	462	487	435	595	519	213
ED037CA: Alkalinity	Carbonate Alkalinity as CaCO3	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	39.8	<0.1	<0.1	<0.1	<0.1	3.2	<0.1
ED037CA: Alkalinity	Hydroxide Alkalinity as CaCO3	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
ED037CA: Alkalinity	Total Alkalinity as CaCO3	mg/L	376	233	221	239	253	259	251	228	288	231	210	238	227	250	247	220	299	318	462	487	435	595	522	213
EK055CA: Ammonia as N	Ammonia as N	mg/L N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1.0	<0.1	1.2	1	<0.1	<0.1	0.3	
EK057CA: Nitrite as N	Nitrite as N	mg/L N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	0.01	<0.01	<0.10	<0.01	0.01	<0.01	<0.1	<0.01	0.02	
EK058CA: Nitrate as N	Nitrate as N	mg/L N	3.28	3.89	3.3	3.47	3.13	2.53	2.64	2.74	3.29	2.86	2.57	3.62	2.63	2.4	2.44	2.61	2.21	0.06	<0.05	<0.05	<0.05	<0.05	0.09	
EK059CA: Nitrite plus Nitrate as N	Nitrite + Nitrate as N	mg/L N	3.28	3.89	3.3	3.47	3.13	2.53	2.66	2.74	3.29	2.86	2.57	3.62	2.63	2.4	2.45	2.61	2.21	0.06	<0.05	<0.05	<0.05	<0.05	0.12	
EP030CA: Biochemical Oxygen Demand	Biochemical Oxygen Demand	mg/L	<2	3	<2	<2	<2		2		<2	2	<2	2	<2		2		25	9	<2	46	8		19	

Please note: if results are not listed, testing locations were dry at requested time for conducting sampling