

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

		Date	5/09/2023	5/12/2023	5/03/2024	4/06/2024		5/09/2023	5/12/2023	5/03/2024	4/06/2024		5/09/2023	5/12/2023	5/03/2024	4/06/2024	
		ALS Work Order	CA2305430	CA2307656	CA2401530	CA2403560		CA2305430	CA2307656	CA2401530	CA2403560		CA2305430	CA2307656	CA2401530	CA2403560	
		Unit	COM091 Bore 1	COM091 Bore 1	COM091 Bore 1	COM091 Bore 1	COM091 Bore 1	Com090 Bore 3	Com090 Bore 3	Com090 Bore 3	Com090 Bore 3	Com090 Bore 3	COM095 Bore 4	COM095 Bore 4	COM095 Bore 4	COM095 Bore 4	COM095 Bore 4
EA005CA: pH	pH	pH Unit	8.12	7.94	8.17	8.08		7.76	7.47	8.14	7.68		8.12	7.94	7.84	8.12	
EA010CA: Conductivity	Electrical Conductivity @ 25°C	µS/cm	454	695	493	420		1580	2080	460	1720		388	709	1510	389	
ED037CA: Alkalinity	Total Alkalinity as CaCO3	mg/L	210	214	219	210		569	578	213	574		228	245	480	215	
EP030CA: Biochemical Oxygen Demand	Biochemical Oxygen Demand	mg/L		2	6	6			2	<2	4			<2	6	6	
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	
EK057CA: Nitrite as N	Nitrite as N	mg/L N	<0.01	<0.01		<0.01		<0.01	0.01		0.15		<0.01	<0.01		<0.01	
EK058CA: Nitrate as N	Nitrate as N	mg/L N	0.31	3.16	3.16	3.24		1.05	1.64	2.71	1.78		2.74	3.76	7.73	2.12	
EK059CA: Nitrite plus Nitrate as N	Nitrite + Nitrate as N	mg/L N	0.31	3.16	3.16	3.24		1.05	1.65	2.71	1.93		2.74	3.76	7.73	2.12	

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		ALS Work Order	CA2305430	CA2307656	CA2401530	CA2403560		CA2305430	CA2307656	CA2401530	CA2403560						
		Unit	COM096 Bore 5	COM096 Bore 5	COM096 Bore 5	COM096 Bore 5	COM096 Bore 5	COM097 Leachate Dam 6	COM097 Leachate Dam 6	COM097 Leachate Dam 6	COM097 Leachate Dam 6	COM097 Leachate Dam 6					
EA005CA: pH	pH	pH Unit	8.15	7.93	8.14	8.17		8.01	7.74	8.16	8.23						
EA010CA: Conductivity	Electrical Conductivity @ 25°C	µS/cm	367	668	376	362		929	1060	365	977						
ED037CA: Alkalinity	Total Alkalinity as CaCO3	mg/L	220	234	211	214		213	238	212	439						
EP030CA: Biochemical Oxygen Demand	Biochemical Oxygen Demand	mg/L		<2	3	6			6	2	3						
EK055CA: Ammonia as N	Ammonia as N	mg/L N	<0.1	<0.1	<0.1	<0.1		0.8	<1.0	<0.1	0.5						
EK057CA: Nitrite as N	Nitrite as N	mg/L N	<0.01	<0.01		<0.01		<0.01	0.34		<0.01						
EK058CA: Nitrate as N	Nitrate as N	mg/L N	2.61	3.09	2.56	2.04		<.05	4.48	2.39	<0.05						
EK059CA: Nitrite plus Nitrate as N	Nitrite + Nitrate as N	mg/L N	2.61	3.09	2.56	2.04		<.05	4.81	2.39	<0.05						

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