

Concentration Monitoring Summary
Jindabyne Regional Waste Management Facility 6013 Kosciuszko Road Jindabyne NSW
EPA Licence 20060

		Date	16-Jun-21	08-Sep-2021	04-Nov-2021	01-Feb-2022	10-May-22	26-Aug-22	22-Nov-22	14-Feb-23	16-May-23	04-Nov-2021	26-Aug-22	01-Feb-2022	01-Feb-2022	10-May-22
		Unit	Monitoring Location 7	Monitoring Location 7	Monitoring Location 7	Monitoring Location 7	Monitoring Location 7	Monitoring Location 7	Monitoring Location 7	Monitoring Location 7	Monitoring Location 7	Monitoring Location 1	Monitoring Location 1	Monitoring Location 4	Monitoring Location 6	Monitoring Location 6
EA005CA: pH	pH	pH Unit	7.03	7.34	7.28	7.16	6.86	6.94		6.66	6.72	8.63	7.79		7.71	7.18
EA015CA: Total Dissolved Solids	Total Dissolved Solids	mg/L	261	289	256	284	510	359		263	257	1900	1170		270	184
EA075CA: Redox Potential	Redox Potential	mV	150	251												
ED009CA: Anions	Chloride	mg/L	7.0	10.0	10.0	28.5	27.1	20.6	20.4	14.6	9.2	484	316		10.7	9.4
ED009CA: Anions	Sulfate	mg/L	20.9	34.7	31.4	9.4	12.7	13.3	10.7	13.6	12.0	31.2	28.6		42.2	8.6
ED037CA: Alkalinity	Bicarbonate Alkalinity as CaCO3	mg/L	166	183	162	110	136	150	121	170	187	287	395		152	138
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	53.3	<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
ED037CA: Alkalinity	Total Alkalinity as CaCO3	mg/L	166	183	162	110	136	150	121	170	187	340	395		152	138
EG005CA: Total Metals by ICP-OES	Aluminium	mg/L	0.20	1.24	0.36	2.97	0.60	0.60	0.24	1.27	2.03	16.9	0.17		1.30	0.89
EG005CA: Total Metals by ICP-OES	Calcium	mg/L	53.0	61.0	57.8	57.0	81.2	65.8	59.4	49.7	53.4	19.3	25.4		52.5	32.2
EG005CA: Total Metals by ICP-OES	Chromium	mg/L	0.002	0.002	<0.002	0.002	<0.002	<0.002	<0.002	<0.002	0.002	0.022	0.004		<0.002	<0.002
EG005CA: Total Metals by ICP-OES	Iron	mg/L			0.40	3.85	0.76	0.79	0.29	1.66	2.48	19.1	1.08		1.60	1.05
EG005CA: Total Metals by ICP-OES	Magnesium	mg/L	13.1	12.3	13.0	15.2	19.9	16.5	15.5	12.6	14.2	36.6	35.6		10.2	8.68
EG005CA: Total Metals by ICP-OES	Manganese	mg/L	0.008													
EG005CA: Total Metals by ICP-OES	Nickel	mg/L	<0.005													
EG005CA: Total Metals by ICP-OES	Potassium	mg/L	2.5	2.4	2.4	3.1	2.9	2.8	2.3	2.3	3.0	91.0	80.6		2.5	2.3
EG005CA: Total Metals by ICP-OES	Sodium	mg/L	16.3	16.0	17.4	15.3	18.9	17.6	15.5	14.2	18.0	413	303		21.7	20.6
EG005CA: Total Metals by ICP-OES	Zinc	mg/L	0.006	0.085								0.086	0.012			
EG020CA: Total Metals by ICP-MS	Arsenic	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	17	12		<1	<1
EG020CA: Total Metals by ICP-MS	Barium	µg/L	7.1	24.6	12.4	30.1	21.8	13.8	15.5	15.6	15.6	168	45.9		37.3	27.1
EG020CA: Total Metals by ICP-MS	Cadmium	µg/L	<0.05	0.08	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.12	<0.05		<0.05	<0.05
EG020CA: Total Metals by ICP-MS	Cobalt	µg/L	0.2	1.1	0.3	4.8	0.7	1.1	0.3	2.1	2.6	16.2	4.8		0.9	0.5
EG020CA: Total Metals by ICP-MS	Copper	µg/L	2	8	4	20	6	6	4	11	12	32	3		3	2
EG020CA: Total Metals by ICP-MS	Lead	µg/L	1.3	9.9	2.1	5.5	1.6	3.0	1.0	4.9	10.2	11.3	1.1		1.3	0.8
EG020CA: Total Metals by ICP-MS	Manganese	µg/L			13.9	119	24.2	27.4	7.7	56.0	83.4				48.2	41.0
EG020CA: Total Metals by ICP-MS	Mercury	µg/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
EG050G: Hexavalent Chromium by Discrete Analyser	Hexavalent Chromium	mg/L			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01

[illegible]

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EP080: BTEXN	Sum of BTEX	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
EP080: BTEXN	Toluene	µg/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
EP080: BTEXN	Total Xylenes	µg/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
EP080S: TPH(V)/BTEX Surrogates	1,2-Dichloroethane-D4	%	94.9	107	99.4	97.0	103	94.7	75.2	104	91.1	104	106	114	96.1	105
EP080S: TPH(V)/BTEX Surrogates	4-Bromofluorobenzene	%	97.2	122	94.1	102	97.6	102	98.3	107	110	105	108	118	102	102
EP080S: TPH(V)/BTEX Surrogates	Toluene-D8	%	96.4	119	88.6	108	99.2	101	92.1	104	95.2	102	114	128	108	106

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