

ALS Job #:	Description	Sample Pt.	Sample Date	Sample Time	EA005CA: pH	EA015CA: Total Dissolved Solids	ED009CA: Anions	ED009CA: Anions	ED037CA: Alkalinity	ED037CA: Alkalinity	ED037CA: Alkalinity
					pH	Total Dissolved Solids	Chloride	Sulfate	Bicarbonate Alkalinity as CaCO3	Carbonate Alkalinity as CaCO3	Hydroxide Alkalinity as CaCO3
					pH Unit	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CA2303101004	Groundwater Sample 7	EPA Pt 7	16-May-2023	07:00:00	6.72	257	9.2	12.0	187	<0.1	<0.1
CA2400725004	Groundwater Sample 7	EPA Pt 7	30-Jan-2024		7.12	250	14.4	9.5	132	<0.1	<0.1

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

ED037CA: Alkalinity	EG005CA: Total Metals by ICP-OES	EG005CA: Total Metals by ICP-OES	EG005CA: Total Metals by ICP-OES	EG005CA: Total Metals by ICP-OES	EG005CA: Total Metals by ICP-OES	EG005CA: Total Metals by ICP-OES	EG005CA: Total Metals by ICP-OES	EG020CA: Total Metals by ICP-MS	EG020CA: Total Metals by ICP-MS	EG020CA: Total Metals by ICP-MS	EG020CA: Total Metals by ICP-MS	EG020CA: Total Metals by ICP-MS	EG020CA: Total Metals by ICP-MS
Total Alkalinity as CaCO ₃	Aluminium	Calcium	Chromium	Iron	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Cobalt	Copper	Lead
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
187	2.03	53.4	0.002	2.48	14.2	3.0	18.0	<1	15.6	<0.05	2.6	12	10.2
132	1.02	48.5	<0.002	1.28	11.6	3.0	13.2	<1	17.4	<0.05	1.4	10	6.4

EG020CA: Total Metals by ICP-MS	EG020CA: Total Metals by ICP-MS	EG050G: Hexavalent Chromium by Discrete Analyser	EK040CA: Fluoride	EK055CA: Ammonia as N	EK057CA: Nitrite as N	EK058CA: Nitrate as N	EK059CA: Nitrite plus Nitrate as N	EK062CA: Total Nitrogen as N	EP005CA: Total Organic Carbon	EP009: Adsorbable Organic Halogens (AOX)	EP035G: Total Phenol by Discrete Analyser	EP068A: Organochl orine Pesticides (OC)	EP068A: Organochl orine Pesticides (OC)	EP068A: Organochl orine Pesticides (OC)
Manganese	Mercury	Hexavalent Chromium	Fluoride	Ammonia as N	Nitrite as N	Nitrate as N	Nitrite + Nitrate as N	Total Nitrogen as N	Total Organic Carbon (as NPOC)	Adsorbable Organic Halides (AOX)	Phenols (Total)	4.4`-DDD	4.4`-DDE	4.4`-DDT
µg/L	µg/L	mg/L	mg/L	mg/L N	mg/L N	mg/L N	mg/L N	mg/L N	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L
83.4	<0.1	<0.01	0.13	<0.1	<0.01	3.37	3.37	3.74	2	44	<0.05	<0.5	<0.5	<2.0
41.4	<0.1	<0.01	0.14	<0.1	<0.01	2.78	2.78	4.97	3	110	<0.05	<0.5	<0.5	<2.0

EP068A: Organochlorine Pesticides (OC)	EP068A: Organochlorine Pesticides (OC)	EP068A: Organochlorine Pesticides (OC)	EP068A: Organochlorine Pesticides (OC)	EP068A: Organochlorine Pesticides (OC)	EP068A: Organochlorine Pesticides (OC)	EP068A: Organochlorine Pesticides (OC)	EP068A: Organochlorine Pesticides (OC)	EP068A: Organochlorine Pesticides (OC)	EP068A: Organochlorine Pesticides (OC)	EP068A: Organochlorine Pesticides (OC)	EP068A: Organochlorine Pesticides (OC)	EP068A: Organochlorine Pesticides (OC)	EP068A: Organochlorine Pesticides (OC)
Aldrin	Dieldrin	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlor obenzene (HCB)	Methoxychlor	alpha-BHC	alpha- Endosulfan	beta-BHC	
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5
<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5

EP068B: Organophosphorus Pesticides (OP)	EP068B: Organophosphorus Pesticides (OP)	EP068B: Organophosphorus Pesticides (OP)	EP068B: Organophosphorus Pesticides (OP)	EP068B: Organophosphorus Pesticides (OP)	EP068B: Organophosphorus Pesticides (OP)	EP068B: Organophosphorus Pesticides (OP)	EP068B: Organophosphorus Pesticides (OP)	EP068B: Organophosphorus Pesticides (OP)	EP068B: Organophosphorus Pesticides (OP)	EP068S: Organochlorine Pesticide Surrogate	EP068T: Organophosphorus Pesticide Surrogate	EP080/07 1: Total Petroleum Hydrocarbons
Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Monocrotophos	Parathion	Parathion-methyl	Pirimphos-ethyl	Prothiofos	Dibromo-DDE	DEF	C10 - C14 Fraction
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	%	%	µg/L
<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<0.5	69.8	72.6	<50
<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<0.5	56.8	58.0	<50

EP080/07 1: Total Petroleum Hydrocarb ons	EP080/07 1: Total Petroleum Hydrocarb ons	EP080/07 1: Total Petroleum Hydrocarb ons	EP075(SIM) B: Polynuclear Aromatic Hydrocarbo ns	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s
C10 - C36 Fraction (sum)	C15 - C28 Fraction	C29 - C36 Fraction	Acenaphthe ne	Acenaphthyl ene	Anthracene	Benz(a)anthr acene	Benzo(a)pyr ene	Benzo(g.h.i) perylene	Benzo(k)flu oranthene	Chrysene	Dibenz(a.h)a nthracene	Fluoranthene
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
<50	<100	<50	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<1.0	<1.0
<50	<100	<50	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<1.0	<1.0

EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) B: Polynuclear Aromatic Hydrocarbon s	EP075(SIM) S: Phenolic Compound Surrogates	EP075(SIM) S: Phenolic Compound Surrogates	EP075(SIM) S: Phenolic Compound Surrogates	EP075(SIM) T: PAH Surrogates	EP075(SIM))T: PAH Surrogates	EP075(SIM))T: PAH Surrogates	EP080/071: Total Petroleum Hydrocarbons
Fluorene	Indeno(1.2.3 .cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Sum of polycyclic aromatic hydrocarbon s	2- Chloropheno l-D4	2.4.6- Tribromophe nol	Phenol-d6	2- Fluorobiphe nyl	4-Terphenyl d14	Anthracene- d10	C6 - C9 Fraction
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	%	%	%	%	%	%	µg/L
<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	57.0	82.2	26.4	95.0	81.7	80.7	<20
<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	40.6	35.2	20.3	53.5	64.7	60.4	<20

EP080: BTEXN	EP080: BTEXN	EP080: BTEXN	EP080: BTEXN	EP080: BTEXN	EP080: BTEXN	EP080: BTEXN	EP080S: TPH(V)/BTE X Surrogates	EP080S: TPH(V)/BTE X Surrogates	EP080S: TPH(V)/BTE X Surrogates
Benzene	Ethylbenzene	Sum of BTEX	Toluene	Total Xylenes	meta- & para-Xylene	ortho-Xylene	1,2-Dichloroethane-D4	4-Bromofluorobenzene	Toluene-D8
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	%	%	%
<1	<2	<1	<2	<2	<2	<2	91.1	110	95.2
<1	<2	<1	<2	<2	<2	<2	89.6	81.9	92.1