

Dial A Dump (EC) Pty Ltd
Groundwater Quality Monitoring



Licensee: Dial A Dump (EC) Pty Ltd
 Address: Genesis Waste Facility, Honeycomb Drive, Eastern Creek
 EPL Nos. 13426

Disclaimer: Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of the Licensees' knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere or used in any way without prior consent from the Licensees. For more details on publication of pollution monitoring data refer to the NW EPA Website www.epa.nsw.gov.au

BH21s	Pollutant	Units	2017			2018			2019			2020				
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
	Alkalinity (total) as CaCO3	mg/L		987	1,100	1,110	1,080	1,080	1,100	1,100			1,100	1,100		1,100
	Aluminium (filtered)	mg/L					<0.01							0.01		
	Arsenic (filtered)	mg/L					<0.001							<0.001		
	Barium (filtered)	mg/L					0.083							0.075		
	Benzene	µg/L					<1							<1		
	Cadmium (filtered)	mg/L					<0.0001							0.0001		
	Calcium (filtered)	mg/L		59	70	53	69	62	61	76			69	61		57
	Chloride	mg/L		431	446	517	509	578	470	500			440	480		380
	Chromium (III+VI) (filtered)	mg/L					<0.001							<0.001		
	Copper (filtered)	mg/L					<0.001							0.007		
	EC (field)	uS/cm		2,920	2,980	3,181	4,764	2,446	3,620	3,222			3,111	3,630		2,880
	Ethylbenzene	µg/L					<2							<1		
	Fluoride	mg/L			0.2	0.1	0.2	<0.1						0.1		
	Lead (filtered)	mg/L					<0.001							0.002		<0.001
	Magnesium (filtered)	mg/L		70	82	72	79	82	80	90			84	82		70
	Manganese (filtered)	mg/L					0.118							0.13		
	Mercury (filtered)	mg/L					<0.0001							<0.00005		
	Nitrogen (Total Oxidised)	mg/L		0.04	0.02	0.09	0.02	0.08	0.064				0.4	0.4		0.3
	Ammonia	mg/L		0.34	0.48	0.3	0.2	0.29	0.22	0.17			<0.005	0.007		<0.005
	pH (Field)	-		7.6	7.72	7.23	7.77	7.57	6.97	6.93			7.2	6.84		7.40
	Phenolics Total	µg/L												<50		
	Phosphorus	mg/L					<0.01							0.2		
	Potassium (filtered)	mg/L		8	9	10	8	9	10	11			10	11		9.3
	Redox Potential (Field)	mV		-69.4	-94.4	59	-80	29.2	-41	-68.7			-44.6	18.7		61.3
	Sodium (filtered)	mg/L		584	592	561	578	606	690	590			600	540		580
	Sulphate	mg/L		82	67	103	93	102	89	91			89	98		81
	Toluene	µg/L					<2							<1		
	TOC	mg/L					5							19		
	Xylene Total	µg/L					<2									
	Xylene (m & p)	µg/L					<2							<2		
	Zinc (filtered)	mg/L					0.005							0.073		
	C10-C14	µg/L					<50							<50		
	C10-C16	mg/L					<0.1							<0.05		
	C15-C28	µg/L					<100							<100		
	C16-C34	mg/L					<0.1							<0.1		
	C29-C36	µg/L					<50							<100		
	C34-C40	mg/L					<0.1							<0.1		
	C6-C10	mg/L					<0.02							<0.01		
	C6-C9	µg/L					<20							<10		
	F2 minus Naphthalene	mg/L					<0.1							<0.05		
	C10-C40 (Sum of total)	µg/L					<100									
	+C10-C36 (Sum of total)	µg/L					<50									

Dry Well

Dry Well

Dry Well

Dry Well

