

**Dial A Dump (EC) Pty Ltd  
Groundwater Monitoring**



**Licensee: Dial-A-Dump (EC) Pty Ltd EPL Nos.: 13426 and 20121**  
**Address: Genesis Waste Facility, Honeycomb Drive, Eastern Creek**

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BH8s	Pollutant	Units	2015		2016				2017				2018			
			Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	*C10 - C14	µg/L			<50				<50				<50			
	*C15 - C28	µg/L			<100				<100				<100			
	*C29 - C36	µg/L			<50				<50				<50			
	*C6 - C9	µg/L			<20				<20				<20			
	*meta & para-Xylene	µg/L			<2				<2				<2			
	*Naphthalene	µg/L			<5				<5				<5			
	*Nitrate	mg/L	<0.01	-	0.06	6.72	-	2.78	3.19	1.64	1.44	0.32	0.21	2.1		
	*Nitrite	mg/L	<0.01	-	<0.01	<0.01	-	<0.01	0.01	0.03	<0.01	<0.01	<0.01	0.012		
	*ortho-Xylene	µg/L			<2				<2				<2			
	Alkalinity	mg/L	932	1210	434	1090	1260	1330	1220	1150	1400	1310	1310	1300		
	Aluminium	mg/L			<0.01				<0.01				<0.01			
	Arsenic	mg/L			<0.001				<0.001				<0.001			
	Barium	mg/L			0.077				0.047				0.125			
	Benzene	µg/L			<1				<1				<1			
	Cadmium	mg/L			<0.0001				<0.0001				<0.0001			
	Calcium	mg/L	82	99	458	102	110	96	93	118	70	99	82	71		
	Chloride	mg/L	2530	2910	6150	2720	2910	2810	2800	2650	2780	2710	2650	2500		
	Chromium	mg/L			<0.001				<0.001				<0.001			
	Copper	mg/L			<0.001				<0.001				<0.001			
	Electrical Conductivity	µS/cm	8982	10440	9640	11020	9700	10040	9570	9480	7377	12038	4837	10400		
	Ethyl Benzene	µg/L			<2				<2				<2			
	Fluoride	mg/L			0.2				0.2				0.1	0.1		
	Lead	mg/L			<0.001				<0.001				<0.001			
	Magnesium	mg/L	189	202	159	214	203	199	203	185	195	217	194	190		
	Manganese	mg/L			0.034				0.041				0.405			
	Mercury	mg/L			<0.0001				<0.0001				<0.0001			
	Nitrate + nitrite	mg/L	<0.01	10.6	0.06	6.72	5.03	2.78	3.2	1.67	1.44	0.32	0.21	2.112		
	Nitrogen (ammonia)	mg/L	<0.01	0.1	9.95	0.04	0.03	0.06	0.31	0.19	0.06	0.24	0.26	0.27		
	pH		6.95	7.65	6.85	7.53	7.1	6.94	7.57	7.12	6.86	7.26	7.26	6.91		
	Phenols	µg/L			<1				<1				<1.0			
	Phosphorus	mg/L			<0.01				<0.01				<0.01			
	Potassium	mg/L	19	19	39	18	19	18	18	16	24	18	17	21		
	Redox	mV	27.6	-17.6	-28.4	-20.1	-39.2	-32.1	-68.7	-58.8	86.5	-19	147	-44		
	Sodium	mg/L	1900	1980	3350	2190	2050	1940	2000	1960	1830	2100	1840	2500		
	Standing water level	m AHD	64.68	65.927	66.236	66.424	66.985	67.093	66.919	67.307	67.568	67.685	67.638	67.475		
	Sulphate	mg/L	447	475	<1	426	388	381	355	397	410	363	374	350		
	Toluene	µg/L			<2				<2				<2			
	Total organic carbon	mg/L			<1				1				4			
	Total Petroleum Hydrocarbons	µg/L			<50				<50				<50			
	Xylene	µg/L			<2				<2				<2			
	Zinc	mg/L			0.013				0.011				0.008			

insufficient water to sample