

**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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BH17d	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					110					70			
*meta & para-Xylene	µg/L				<2					6					5			
*Naphthalene	µg/L				<5					<5					<5			
*Nitrate	mg/L	0.02	<0.01	0.33	0.09	-	<0.01	0.07	<0.01	0.04	0.03	0.01	<0.01	0.13				
*Nitrite	mg/L	<0.01	<0.01	0.1	<0.01	-	0.02	0.02	0.04	0.06	0.06	0.07	0.07	0.062				
*ortho-Xylene	µg/L				<2					3					2			
Alkalinity	mg/L	1740	1480	49	2140	831	1310	1440	1490	1650	1500	1850	1970	2000				
Aluminium	mg/L			0.01				0.24				0.24						
Arsenic	mg/L			<0.001				0.001				<0.001						
Barium	mg/L			0.025				0.549				0.795						
Benzene	µg/L			<1				29				26						
Cadmium	mg/L			<0.0001				<0.0001				<0.0001						
Calcium	mg/L	70	23	18	227	<1	26	53	<1	100	166	222	204	260				
Chloride	mg/L	215	251	33	200	145	282	286	293	270	316	297	339	280				
Chromium	mg/L			<0.001				0.001				0.029						
Copper	mg/L			0.045				0.005				0.009						
Electrical Conductivity	µS/cm	6961	7781	7530	8740	5970	6370	7010	7100	7890	4832	12028	7807	9060				
Ethyl Benzene	µg/L			<2				<2				<2						
Fluoride	mg/L			1.1				0.3				0.2	0.2					
Lead	mg/L			<0.001				<0.001				0.002						
Magnesium	mg/L	<1	<1	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5				
Manganese	mg/L			0.002				<0.001				<0.001						
Mercury	mg/L			<0.0001				<0.0001				<0.0001						
Nitrate + nitrite	mg/L	0.02	<0.01	0.43	0.09	0.03	0.02	0.09	0.04	0.1	0.09	0.08	0.07	0.192				
Nitrogen (ammonia)	mg/L	35	41.7	0.01	25.9	14.6	32.9	32.7	31.3	29.5	30.9	30.1	29.6	15				
pH		13	11.55	11.14	12.24	12.06	12.22	12.02	12.5	12.11	11.48	12.5	12.5	12.43				
Phenols	µg/L			<1				<0.05				<1.0						
Phosphorus	mg/L			<0.01			0.06	0.07				<0.01						
Potassium	mg/L	38	30	3	30	15	32	26	26	22	27	23	20	26				
Redox	mV	-276.5	-263.4	-193.2	-341.2	-334	-340.6	-331.8	-355.4	-354.1	-126.1	-121.7	-106.3	-87				
Sodium	mg/L	780	755	18	758	405	762	778	778	761	813	722	646	860				
Standing water level	m AHD	28.72	28.666	28.984	28.901	26.098	24.335	23.77	29.068	29.116	29.09	24.488	29.027	28.93				
Sulphate	mg/L	<1	<1	10	<1	5	11	6	26	<1	16	14	20	24				
Toluene	µg/L			<2				28				21						
Total organic carbon	mg/L			4				12				3						
Total Petroleum Hydrocarbons	µg/L			<50				<50				<50						
Xylene	µg/L			<2				9				7						
Zinc	mg/L			0.011				<0.005				0.012						