

Stormwater Monitoring EPL 4687

Analyte	Units	Jan 2017*	Feb 2017*	03 Mar 2017	April 2017*	24 May 2017	07 June 2017
pH	pH			7.58		7.67	7.57
Aluminium (dissolved)	mg/L			<0.1		<0.1	<0.1
Aluminium (total)	mg/L			6.84		5.41	2.6
Ammonia	mg/L			0.07		0.07	<0.05
Cadmium (dissolved)	mg/L			<0.001		<0.001	<0.001
Cadmium (total)	mg/L			<0.001		<0.001	<0.001
Lead (dissolved)	mg/L			<0.001		<0.001	<0.001
Lead (total)	mg/L			0.024		0.02	0.012
Mercury (dissolved)	mg/L			<0.0001		<0.0001	<0.0001
Mercury (total)	mg/L			<0.0001		<0.0001	<0.0001
Nitrate	mg/L			0.5		1	0.43
Nitrite	mg/L			0.06		<0.05	<0.05
Total Nitrogen	mg/L			1.2		1.5	0.9
Phosphate	mg/L			1.01		2.39	1.04
Phosphorus (dissolved reactive)	mg/L			0.14		0.53	0.17
Phosphorus (total)	mg/L			0.33		0.78	0.34
Sulfate	mg/L			2770		2560	2500
Sulfide (dissolved)	mg/L			<0.1		<0.1	<0.1
Sulfur	mg/L			1970		2400	2730
Total Kjeldahl Nitrogen	mg/L			0.6		0.5	0.5
Zinc (dissolved)	mg/L			<0.05		<0.05	<0.05
Zinc (total)	mg/L			0.414		0.094	0.082

- Insufficient rainfall for discharge sample to be collected

Analyte	Units	12 July 2017	25 August 2017	14 Sept 2017	20 Oct 2017	*Nov 2017	*Dec 2017
pH	pH	7.87	7.98	7.84	7.76		
Aluminium (dissolved)	mg/L	<0.1	<0.1	<0.1	<0.1		
Aluminium (total)	mg/L	4.04	2.5	1.08	2.260		
Ammonia	mg/L	0.11	0.05	0.58	0.12		
Cadmium (dissolved)	mg/L	<0.001	<0.001	<0.001	0.0012		
Cadmium (total)	mg/L	<0.001	<0.001	<0.001	0.0017		
Lead (dissolved)	mg/L	<0.01	<0.01	<0.01	<0.01		
Lead (total)	mg/L	<0.01	<0.01	<0.01	<0.01		
Mercury (dissolved)	mg/L	<0.0001	<0.0001	<0.0001	<0.0001		
Mercury (total)	mg/L	<0.0001	<0.0001	<0.0001	<0.0001		
Nitrate	mg/L	0.68	0.22	0.39	0.7		
Nitrite	mg/L	<0.05	<0.05	<0.05	<0.05		
Total Nitrogen	mg/L	9.1	0.8	1.2	1.1		
Phosphate	mg/L	0.95	0.61	3.07	1.38		
Phosphorus (dissolved reactive)	mg/L	0.19	0.09	0.49	0.22		
Phosphorus (total)	mg/L	0.31	0.2	1	0.45		
Sulfate	mg/L	2370	2500	2420	2560		
Sulfide (dissolved)	mg/L	<0.1	<0.1	<0.1	<0.1		
Sulfur	mg/L	2330	2380	2660	2600		
Total Kjeldahl Nitrogen	mg/L	8.4	0.6	0.8	0.4		
Zinc (dissolved)	mg/L	<0.05	<0.05	<0.05	<0.05		
Zinc (total)	mg/L	0.087	0.068	0.052	0.052		

- Insufficient rainfall for discharge sample to be collected