

Stormwater Monitoring EPL 1967 K3

Analyte	Units	Jan 2018*	20 Feb 2018	21 March 2018	April 2018*	May 2018*	June 2018
pH	pH		8.09	7.03			7.64
Aluminium (dissolved)	mg/L		<0.1	<0.1			0.04
Aluminium (total)	mg/L		8.44	9.62			12.1
Ammonia	mg/L		0.18	0.52			0.22
Cadmium (dissolved)	mg/L		<0.0010	<0.0050			<0.0001
Cadmium (total)	mg/L		<0.0010	<0.0050			0.0002
Lead (dissolved)	mg/L		<0.010	<0.005			<0.001
Lead (total)	mg/L		0.048	0.037			0.031
Mercury (dissolved)	mg/L		<0.0001	<0.0050			<0.0001
Mercury (total)	mg/L		<0.0001	<0.0050			<0.0001
Nitrate	mg/L		0.88	0.39			4.2
Nitrite	mg/L		0.05	<0.05			<0.05
Total Nitrogen	mg/L		1.5	1.3			6.5
Phosphate	mg/L		2.39	3.98			10.4
Phosphorus (dissolved reactive)	mg/L		0.41	1			2.5
Phosphorus (total)	mg/L		0.78	1.3			3.4
Sulfate	mg/L		2840	787			908
Sulfide (dissolved)	mg/L		<0.1	<0.1			<0.1
Sulfur	mg/L		2680	780			1090
Total Kjeldahl Nitrogen	mg/L		0.6	0.9			2.3
Zinc (dissolved)	mg/L		<0.005	0.018			0.022
Zinc (total)	mg/L		0.168	0.129			0.134

- Insufficient rainfall for discharge sample to be collected

Analyte	Units	July 2018*	August 2018*	Sept 2018	Oct 2018	Nov 2018	Dec 2018*
pH	pH			7.71	7.83	7.82	
Aluminium (dissolved)	mg/L			0.02	0.02	<0.10	
Aluminium (total)	mg/L			15.6	0.73	9.64	
Ammonia	mg/L			0.26	0.25	*	
Cadmium (dissolved)	mg/L			<0.0001	0.0003	<0.0001	
Cadmium (total)	mg/L			0.0004	0.0003	<0.0010	
Lead (dissolved)	mg/L			<0.001	<0.001	<0.010	
Lead (total)	mg/L			0.049	0.005	0.014	
Mercury (dissolved)	mg/L			<0.0001	<0.0001	<0.0001	
Mercury (total)	mg/L			<0.0001	<0.0001	<0.0001	
Nitrate	mg/L			9.3	4.7	1	
Nitrite	mg/L			<0.05	<0.05	<0.05	
Total Nitrogen	mg/L			12	5.1	1.5	
Phosphate	mg/L			5.21	5.52	1.2	
Phosphorus (dissolved reactive)	mg/L			1.8	1.8	0.12	
Phosphorus (total)	mg/L			1.7	1.8	0.39	
Sulfate	mg/L			*	1320	2440	
Sulfide (dissolved)	mg/L			<0.1	<0.1	<0.1	
Sulfur	mg/L			*	1230	3140	
Total Kjeldahl Nitrogen	mg/L			2.7	0.4	0.5	
Zinc (dissolved)	mg/L			<0.005	0.038	<0.050	
Zinc (total)	mg/L			0.317	0.042	0.068	

- Insufficient rainfall for discharge sample to be collected