

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			<0.01		<0.01	<0.01
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			0.1		0.094	0.082

- Insufficient rainfall for discharge sample to be collected

Analyte	Units	July 2017	August 2017	Sept 2017	Oct 2017	Nov 2017	Dec 2017
pH	pH	7.87					
Aluminium (dissolved)	mg/L	<0.1					
Aluminium (total)	mg/L	4.04					
Ammonia	mg/L	0.11					
Cadmium (dissolved)	mg/L	<0.001					
Cadmium (total)	mg/L	<0.001					
Lead (dissolved)	mg/L	<0.01					
Lead (total)	mg/L	<0.01					
Mercury (dissolved)	mg/L	<0.0001					
Mercury (total)	mg/L	<0.0001					
Nitrate	mg/L	0.68					
Nitrite	mg/L	<0.05					
Total Nitrogen	mg/L	9.1					
Phosphate	mg/L	0.95					
Phosphorus (dissolved reactive)	mg/L	0.19					
Phosphorus (total)	mg/L	0.31					
Sulfate	mg/L	2370					
Sulfide (dissolved)	mg/L	<0.1					
Sulfur	mg/L	2330					
Total Kjeldahl Nitrogen	mg/L	8.4					
Zinc (dissolved)	mg/L	<0.05					
Zinc (total)	mg/L	0.087					

- Insufficient rainfall for discharge sample to be collected