BB Discharge & Monitoring Point 8

Analyte	Unit	10/12/2013	3/3/2014	25/07/2014	9/9/2014	4/12/2014	10/03/2015	23/4/15	28/09/2015	08/12/2015	15/03/2016	21/6/16	8/11/2016	12/5/2016	28/03/2017	8/06/2017	7/09/2017	13/12/2017	3/04/2018	15/06/2018	28/09/2018	26/10/2018	19/04/2019	13/12/2019	1/04/2020	28/08/2020	1/04/2021	21/09/2021	15/12/2021	7/03/2022	30/05/2022	20/09/2022	7/12/2022	31/03/2023	30/06/2023	4/09/2023	11/12/2023	4/03/2024	24/06/2024	9/09/2024	2/12/2024	24/03/2025	3/04/2025	29/05/2025	Min Since 10/12/2013	Mean Since 10/12/2013	Max Since 10/12/2013
		Date Sampled																																													
		Sample No. 13/2166	Sample No. 14/0276	Sample No. 14/1200	Sample No. 14/1552	Sample No. 14/2162	Sample No. 15/0422	Sample No. 15/0997-5	Sample No. 15/5407	Sample No. 16/1980	Sample No. 16/0424	Sample No. 16/0996	Sample No. 16/1802	Sample No. 16/1560	Sample No. 17/0521	Sample No. 17/0935	Sample No. 17/1480	Sample No. 17/2051	Sample No. 18/0542	Sample No. 18/0940	Sample No. 18/1489	Sample No. 18/1630	Sample No. 19/1019	Sample No. 19/2129	Sample No. 20/0583	Sample No. 20/0991	Sample No. 21/0474-6	Sample No. 21/1276-8																		
Water Level#	m				[NT]	NA	NA	NT	NT	NT	NT	NT	NT	NT	NT	NT	Flowing		Flow	Flow	Dry	N/A	Dry	Dry	Dry	Dry			Road Closed	Road Closed	Road Closed	Road Closed	Road Closed	Dry	Dry	Dry	Dry	Dry	6.6	Dry	Dry	Dry	Dry	Dry			
Temperature - field	Deg. C	17.6	17.3	8	11	19.3	16	9.1	7.4	13.3	16.5	9.6	12.4	15.6	20.5	8.6	11.8		16.8	9.4	0	14.5	0	0	0	0	17.2	8.4	0	0	0	0	0	0	0	0	0	0	16.2	0	0	0	0	0	0.00	3.24	16.20
Dissolved Oxygen	mg/L	8.1	7.4	9.04	9.07	6.7	7.6	9.1	8.9	7.4	6.5	8.6	7.7	6.3	7.7	9.5	10.3		8.7	9.3	0	8.2	0	0	0	0	8.7	9.6	0	0	0	0	0	0	0	0	0	0	10.6	0	0	0	0	0	0.00	2.12	10.60
Alkalinity (as CaCO3)	mg/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20		<20	20	0	<20	0	0	0	0	<20	<20	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0.00	1.40	7.00
Aluminium (Dissolved)	mg/L	0.314	0.273	0.238	0.618	1.14	0.52	0.45	0.39	0.3	0.16	1.9	0.53	0.14	0.91	0.24	0.1		0.21	0.12	0	1.1	0	0	0	0	1.19	0.022	0	0	0	0	0	0	0	0	0	0	0.084	0	0	0	0	0	0.00	0.02	0.08
Ammonia-N	mg/L	<0.01	0.01	<0.01	0.02	<0.01	0.04	0.03	<0.01	<0.01	0.01	0.03	0.01	0.02	0.01	0.02	<0.01		0.08	0.04	0	0.02	0	0	0	0	0.02	0.02	0	0	0	0	0	0	0	0	0	0	0.024	0	0	0	0	0	0.00	0.00	0.02
Arsenic (Dissolved)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0	<0.005	0	0	0	0	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	<0.01	0	0	0	0	0	0.00	0.00	0.00
Cadmium (Dissolved)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0	<0.005	0	0	0	0	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	<0.01	0	0	0	0	0	0.00	0.00	0.00
Calcium	mg/L	0.4	0.5	0.7	0.5	0.6	0.6	0.7	0.4	0.7	0.5	1.1	0.5	0.9	0.7	0.3	0.2		0.2	0.3	0	0.7	0	0	0	0	0.8	0.2	0	0	0	0	0	0	0	0	0	0	0.177	0	0	0	0	0	0.00	0.04	0.18
Chloride	mg/L	10.06	10.18	11.02	10.59	10	9	10	9	9	8	8	9	8	10	8	9		9	9	0	10	0	0	0	0	9	7	0	0	0	0	0	0	0	0	0	0	1.5	0	0	0	0	0	0.00	0.30	1.50
Chromium (Total)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.013	<0.005	<0.005		<0.005	<0.005	0	<0.005	0	0	0	0	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	<0.01	0	0	0	0	0	0.00	0.00	0.00
Cobalt (Dissolved)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0	<0.005	0	0	0	0	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	<.05	0	0	0	0	0	0.00	0.00	0.00
Electrical Conductivity	µS/cm	59.8	59.8	58.5	56.7	59	53.6	49	53	51	52	47	52	50.7	59.9	48.2	50.4		50.1	48.9	0	51.3	0	0	0	0	50.6	34.7	0	0	0	0	0	0	0	0	0	0	0.038	0	0	0	0	0	0.00	0.01	0.04
Copper (Dissolved)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0	<0.005	0	0	0	0	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	<.01	0	0	0	0	0	0.00	0.00	0.00
Iron (Total)	mg/L	0.226	0.279	0.17	0.329	0.64	0.78	0.66	0.16	1.06	0.32	0.79	0.52	0.36	0.62	0.19	0.1		0.19	0.14	0	0.67	0	0	0	0	0.41	0.14	0	0	0	0	0	0	0	0	0	0	<.05	0	0	0	0	0	0.00	0.00	0.00
Lead (Dissolved)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	<0.005	<0.005	<0.005	<0.005	0.014		<0.005	<0.005	0	<0.005	0	0	0	0	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	<.01	0	0	0	0	0	0.00	0.00	0.00
Magnesium	mg/L	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.4	0.6	0.5	0.7	0.5	0.6	0.8	0.4	0.3		0.4	0.4	0	0.8	0	0	0	0	0.7	0.3	0	0	0	0	0	0	0	0	0	0	0.434	0	0	0	0	0	0.00	0.09	0.43
Manganese (Total)	mg/L	0.006	0.008	<0.005	<0.005	0.011	0.015	0.009	<0.005	0.026	0.019	0.008	0.009	0.043	0.016	<0.005	<0.005		<0.005	<0.005	0	0.01	0	0	0	0	0.011	<0.005	0	0	0	0	0	0	0	0	0	0	<.01	0	0	0	0	0	0.00	0.00	0.00
Mercury*	ug/L	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	0	<0.05	0	0	0	0	<0.05	<0.05	0	0	0	0	0	0	0	0	0	0	<.005	0	0	0	0	0	0.00	0.00	0.00
Nickel (Dissolved)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0	<0.005	0	0	0	0	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	<.01	0	0	0	0	0	0.00	0.00	0.00
Nitrogen - Nitrate-N	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	<0.058	<0.05	<0.05	<0.05	<0.05	0.44	<0.05	<0.05	<0.05	<0.05		0.07	<0.05	0	<0.05	0	0	0	0	<0.05	<0.05	0	0	0	0	0	0	0	0	0	0	0.007	0	0	0	0	0	0.00	0.00	0.01
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01		0.01	<0.01	0	<0.01	0	0	0	0	<0.01	<0.01	0	0	0	0	0	0	0	0	0	0	0.007	0	0	0	0	0	0.00	0.00	0.01
Nitrogen - Total Kjeldahl	mg/L	0.3	0.3	0.2	0.3	0.4	0.3	1	0.2	1.4	0.3	1.3	0.1	0.3	1	0.2	0.2		0.2	0.3	0	0.8	0	0	0	0	0.9	0.4	0	0	0	0	0	0	0	0	0	0	0.093	0	0	0	0	0	0.00	0.02	0.09
pH	pH	6.1	6.2	6.32	6.25	6.3	6.1	6.1	6.4	6.3	6.3	5.7	6.2	6.1	5.9	6.2	7		6.8	6.8	0	5.7	0	0	0	0	5.4	5.9	0	0	0	0	0	0	0	0	0	0	6.17	0	0	0	0	0	0.00	1.23	6.17
Potassium	mg/L	1.1	1.3	1.2	1.3	1.6	1.5	1.2	1.1	1.5	1.3	1.9	1.2	1.7	2.8	1.2	1		0.9	0.9	0	1	0	0	0	0	1.7	0.9	0	0	0	0	0	0	0	0	0	0	0.524	0	0	0	0	0	0.00	0.10	0.52
Redox Potential#	mV	250	212	313	352	174	179	348	248	189	316	321	276	340	248	257	216		261	126	0	240	0	0	0	0	365	216	0	0	0	0	0	0	0	0	0	0	166	0	0	0	0	0	0.00	33.20	166.00
Sodium	mg/L	9.1	8.5	10.2	9.5	9	10	8	9	9	8	7	8.5	8.4	8.8	8.8	9.3		9.4	8.8	0	8.7	0	0	0	0	8.2	5.4	0	0	0	0	0	0	0	0	0	0	5.34	0	0	0	0	0	0.00	1.07	5.34
Sulphate#	mg/L	<2	<2	<2	<2	<2	<2	<2	<1	<1	<1	2	<1	<1	<1	<1	<10		<1	<1	0	<1	0	0	0	0	2	<1	0	0	0	0	0	0	0	0	0	0	5.17	0	0	0	0	0	0.00	1.03	5.17
Total Organic Carbon*	mg/L	5	3	5	8	5	5	12	3	6	5	26	15	8	33	7	8		3	4	0	28	0	0	0	0	30	1	0	0	0	0	0	0	0	0	0	0	1.77	0	0	0	0	0	0.00	0.35	1.77
Zinc (Total)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	0.036	0.007	<0.005	0.006	<0.005	<0.005	<0.005	<0.005	0.74	<0.005	0.006		<0.005	<0.005	0	0.005	0	0	0	0	0.008	0.006	0	0	0	0	0	0	0	0	0	0	<.01	0	0	0	0	0	0.00	0.00	0.00
PAHs in water*	µg/L	[ND]	[ND]	[ND]	<5	[ND]	ND	ND	<5	<5	ND	ND	ND	ND	ND	ND	ND		ND	ND	0	ND	0	0	0	0	ND	ND	0	0	0	0	0	0	0	0	0	0	<1	0	0	0	0	0	0.00	0.00	0.00
TRH C10-C16*	µg/L	<50		<50	<50			<50	<50	<50	<50	<50	<50	<50	ND	<50	ND		ND	<50	0	ND	0	0	0	0	ND	<50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
TRH C15-C28*	µg/L	<100		<100	<100			<100	<100	<100	<100	<100	<100	<100	ND	<100	ND		ND	<100	0	ND	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
TRH C29-C36*	µg/L	<100		<100	<100			<100	<100	<100	<100	<100	<100	<100	ND	<100	ND		ND	<100	0	ND	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
TRH C10-C36*	µg/L		[ND]																		0	<100	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
Suspended Solids	mg/L															2	ND		ND	ND	0						N/A	N/A											4		0	0	0	0	4.00	4.00	4.00
																																									0	0	0	0	0.00	#DIV/0!	0.00
Alkalinity - Hydroxide	mg/L				0																0																				0	0	0	0	0.00	#DIV/0!	0.00
Chromium (VI)	mg/L			<0.05					<0.05												0				0	0			0	0	0	0	0	0	0	0	0	0	0		0	0	0	0.00	0.00	0.00
Mercury (Dissolved)*	µg/L			<0.05					<0.05												0				0	0			0	0	0	0	0	0	0	0	0	0	0		0	0	0	0.00	0.00	0.00
QC/OP in Water*	ug/L	<0.2	<0.2		<0.2		N/A	<0.2								<0.2	ND		ND	ND	0	ND	ND	ND	0	0	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0.00	0.00	0.00
	Da					4/12/2014	30/01/2015	6/07/2015	28/09/2015	8/12/2015	15/03/2016	21/06/2016	8/11/2016	5/12/2016	28/03/2017	8/06/2017	7/09/2017	13/12/2017	3/04/2018	15/06/2018	28/09/2018	26/10/2018	19/04/2019	13/12/2019	1/04/2020	28/08/2020	1/04/2021	7/09/2021		7/03/2022		20/09/2022	7/12/2023	22/03/2023	6/06/2023	4/09/2023	11/12/2023	4/03/2024	24/06/2024								
	Da					6/01/2015	7/04/2015	8/07/2015	29/09/2015	21/12/2015	21/12/2015	5/07/2016	21/11/2016	20/12/2016	11/04/2017	26/06/2017	20/09/2017	22/12/2017	12/04/2018	29/06/2018	16/10/2018	9/11/2018	10/07/2019	8/01/2020	14/04/2020	10/07/2020	15/04/2021	21/09/2021				4/10/2022	21/12/2023	31/03/2023	30/08/2023	26/09/2023	22/12/2023	8/04/2024									