

Sediment Basin Water Monitoring - October 2017

Monitoring Location: POINT 1 - Sediment Basin Outlet

Wave/Portion	Contractor	Basin Name/ Number	Rainfall start date	Rainfall end date	Rainfall total (mL)	Date of Treatment	Date of Discharge	Volume of Discharge (kL)	EPL water quality parameters			Turbidity NTU (Seymour Whyte) 80 NTU (FKG)	Comments
									Oil & Grease	pH	TSS (mg/L)		
									Nil	6.5 – 8.5	Limit ≤ 50 mg/L		
Portion B	Shamrock Civil Engineering	Jackibulbin 6.3 ASSTA	15/10/2017	24/10/2017	150.4	19/10/2017	25/10/2017	110	Nil	7.33	40		Field & lab water quality testing & monitoring of discharge
Portion B	BMD Constructions	MC01	3/10/2017	24/10/2017	197	17/10/2017	24/10/2017	300	Nil	7.2	11		
Portion B	BMD Constructions	MC03	3/10/2017	24/10/2017	197	17/10/2017	24/10/2017	900	Nil	7.5	21		
Portion B	BMD Constructions	IEB03	3/10/2017	24/10/2017	197	17/10/2017 & 24/10/2017	26/10/2017	300	Nil	7.32	8		
Portion E	Pacifico Harwood	Sediment Basin 1	6/10/2017	9/10/2017	33.2	No Treatment	10/10/2017	300	Nil	6.71	5	Pre-dosing of inlet	
Portion E	Pacifico Harwood	Sediment Basin 1	21/10/2017	22/10/2017	22.4	No Treatment	23/10/2017	200	Nil	8	6		
Portion E	Pacifico Harwood	Sediment Basin 2	17/10/2017	18/10/2017	133.6	16/07/2017	18/10/2017	2460	Nil	7.64	9		
Portion B	Golding	Mororo Basin	15/10/2017	17/10/2017	119.6	18/10/2017	20/10/2017	approx 200 kL	nil	8.08	8		
Portion B	Golding	Mororo Basin	21/10/2017	27/10/2017	28.2	25/10/2017	29/10/2017	approx 40 kL	nil	7.17	9		
Wave 3	FKG	78450W	11/10/2017	17/10/2017	207.8	17/10/2017	18/10/2017	488	Nil	7.1	Correlation	NTU 66	
Wave 3	FKG	78450E	11/10/2017	17/10/2017	207.8	17/10/2017	18/10/2017	171	Nil	8.3	Correlation	NTU 53	
Wave 3	FKG	77800	11/10/2017	17/10/2017	207.8	17/10/2017	18/10/2017	380	Nil	6.6	Correlation	NTU 21	
Wave 3	FKG	77500E	11/10/2017	17/10/2017	207.8	17/10/2017	18/10/2017	295	Nil	6.8	Correlation	NTU 12	
Wave 3	FKG	77500W	12/10/2017	17/10/2017	207.2	17/10/2017	18/10/2017	427	Nil	7	Correlation	NTU 27	
Wave 3	FKG	GH4	12/10/2017	17/10/2017	207.2	17/10/2017	NA		Nil			Dewatered by watercart 20/10/17	
Wave 3	FKG	76450	12/10/2017	17/10/2017	207.2	17/10/2017	18/10/2017	448	Nil	7.1	Correlation	NTU 28	
Wave 3	FKG	75900	12/10/2017	17/10/2017	207.2	17/10/2017	18/10/2017	601	Nil	7.2	Correlation	NTU 36	
Wave 3	FKG	75900E	12/10/2017	17/10/2017	207.2	17/10/2017	18/10/2017	680	Nil	8.4	Correlation	NTU 42	
Wave 3	FKG	75500	12/10/2017	17/10/2017	207.2	17/10/2017	18/10/2017	600	Nil	6.7	Correlation	NTU 14	
Wave 3	FKG	1B	9/11/2017	17/10/2017	225.8	18/10/2017	19/10/2017	148	Nil	6.5	Correlation	NTU 24	
Wave 3	FKG	2A	9/11/2017	17/10/2017	225.8	18/10/2017	19/10/2017	298	Nil	6.62	Correlation	NTU 16	
Wave 3	FKG	2B	9/11/2017	17/10/2017	225.8	18/10/2017	19/10/2017	786	Nil	7.6	Correlation	NTU 45	
Wave 3	FKG	4A	9/11/2017	17/10/2017	225.8	18/10/2017	19/10/2017	413	Nil	7.5	Correlation	NTU 55	
Wave 3	FKG	5A	9/11/2017	17/10/2017	225.8	18/10/2017	19/10/2017	526	Nil	6.5	Correlation	NTU 41	
Wave 3	FKG	6A	9/11/2017	17/10/2017	225.8	18/10/2017	19/10/2017	489	Nil	7.28	Correlation	NTU 47	
Wave 3	FKG	GH4	21/10/2017	23/10/2017	20.2	NA	NA		Nil			Dewatered by watercart	
Wave 3	FKG	76450	21/10/2017	23/10/2017	20.2	NA	NA		Nil			Dewatered by watercart	
Wave 3	FKG	78450W	21/10/2017	23/10/2017	21	23/10/2017	27/10/2017	117	Nil	7.5	Correlation	NTU 72	
Wave 3	FKG	78450E	21/10/2017	23/10/2017	21	23/10/2017	27/10/2017	129	Nil	7.9	Correlation	NTU 16	
Wave 3	FKG	77800	21/10/2017	23/10/2017	21	23/10/2017	27/10/2017	87	Nil	7.04	Correlation	NTU 55	
Wave 3	FKG	77500E	21/10/2017	23/10/2017	21	23/10/2017	27/10/2017	96	Nil	7.02	Correlation	NTU 48	
Wave 3	FKG	77500W	21/10/2017	23/10/2017	21	23/10/2017	27/10/2017	30	Nil	7.4	Correlation	NTU 65	
Portion A - Section 3	Seymour Whyte Constructions	PB39580	3/10/2017	24/10/2017	160.6		18/10/2017	315	Nil	8.5		49	
Portion A - Section 3	Seymour Whyte Constructions	PB42500	3/10/2017	24/10/2017	160.6		19/10/2017	87	Nil	6.86		39.8	
Portion A - Section 3	Seymour Whyte Constructions	PB42500	3/10/2017	24/10/2017	160.6		27/10/2017	150	Nil	7.1		22	
Portion A - Section 3	Seymour Whyte Constructions	PB42690	3/10/2017	24/10/2017	160.6		20/10/2017	50	Nil	7.06		36	
Portion A - Section 3	Seymour Whyte Constructions	PB42690	3/10/2017	24/10/2017	160.6		27/10/2017	150	Nil	7.3		31	
Portion A - Section 3	Seymour Whyte Constructions	PB42690	3/10/2017	24/10/2017	160.6		27/10/2017	70	Nil	7		33	
Portion A - Section 3	Seymour Whyte Constructions	PB46000	3/10/2017	24/10/2017	174.0	n/a	17/10/2017	836	Nil	7.8		60	
Portion A - Section 3	Seymour Whyte Constructions	PB52390	3/10/2017	24/10/2017	174.0	19/10/2017	19/10/2017	1000	Nil	7.4		24	
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Portion A - Section 3	Seymour Whyte Constructions	TB37810	3/10/2017	24/10/2017	160.6	n/a	20/10/2017	140	Nil	6.92		48.1	
Portion A - Section 3	Seymour Whyte Constructions	TB38010	3/10/2017	24/10/2017	160.6		23/10/2017	300	Nil	6.9		40	
Portion A - Section 3	Seymour Whyte Constructions	TB39700	3/10/2017	24/10/2017	160.6		20/10/2017	586	Nil	6.98		48.9	
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Portion A - Section 3	Seymour Whyte Constructions	TB40180	3/10/2017	24/10/2017	160.6	n/a	19/10/2017	240	Nil	6.96		24	
Portion A - Section 3	Seymour Whyte Constructions	TB40180	3/10/2017	24/10/2017	160.6		19/10/2017	240	Nil	6.96		24	
Portion A - Section 3	Seymour Whyte Constructions	TB40870	3/10/2017	24/10/2017	160.6		18/10/2017	300	Nil	6.69		35	
Portion A - Section 3	Seymour Whyte Constructions	TB41340	3/10/2017	24/10/2017	160.6		19/10/2017	400	Nil	6.86		27.1	
Portion A - Section 3	Seymour Whyte Constructions	TB41340	3/10/2017	24/10/2017	160.6		20/10/2017	350	Nil	6.89		27.7	

Portion A - Section 3	Seymour Whyte Constructions	TB41340	3/10/2017	24/10/2017	160.6		24/10/2017	400	Nil	6.97
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Portion A - Section 3	Seymour Whyte Constructions	TB47020	3/10/2017	24/10/2017	174.0	17/10/2017	18/10/2017	686	Nil	7.8
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Portion A - Section 3	Seymour Whyte Constructions	TB48780	3/10/2017	24/10/2017	174.0	n/a	19/10/2017	400	Nil	6.9
Portion A - Section 3	Seymour Whyte Constructions	TB48780	3/10/2017	24/10/2017	174.0	25/10/2017	25/10/2017	30	Nil	7.4
Portion A - Section 3	Seymour Whyte Constructions	TB50010	3/10/2017	24/10/2017	174.0	n/a	19/10/2017	200	Nil	7.8
Portion A - Section 3	Seymour Whyte Constructions	TB50010	3/10/2017	24/10/2017	174.0	24/10/2017	24/10/2017	300	Nil	7.7
Portion A - Section 3	Seymour Whyte Constructions	TB50360	3/10/2017	24/10/2017	174.0	19/10/2017	19/10/2017	200	Nil	7.3
Portion A - Section 3	Seymour Whyte Constructions	TB51450	3/10/2017	24/10/2017	174.0	25/10/2017	25/10/2017	200	Nil	6.7
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Portion A - Section 3	Seymour Whyte Constructions	TB51540	3/10/2017	24/10/2017	174.0	n/a	18/10/2017	500	Nil	6.7
Portion A - Section 3	Seymour Whyte Constructions	TB52680	3/10/2017	24/10/2017	174.0	16/10/2017	17/10/2017	700	Nil	7.8
Portion A - Section 3	Seymour Whyte Constructions	TB52680	3/10/2017	24/10/2017	174.0	23/10/2017	23/10/2017	200	Nil	7.2
Portion A - Section 3	Seymour Whyte Constructions	TB53830	3/10/2017	24/10/2017	190.0	16/10/2017	17/10/2017	500	Nil	7.2
Portion A - Section 3	Seymour Whyte Constructions	TB53830	3/10/2017	24/10/2017	174.0	23/10/2017	23/10/2017	300	Nil	7.4
Portion A - Section 3	Seymour Whyte Constructions	TB54660	3/10/2017	24/10/2017	174.0	17/10/2017	17/10/2017	900	Nil	7.3
Portion A - Section 3	Seymour Whyte Constructions	TB57260	3/10/2017	24/10/2017	190.0	23/10/2017	23/10/2017	600	Nil	7.9
Portion A - Section 3	Seymour Whyte Constructions	TB59210	3/10/2017	24/10/2017	190.0	n/a	16/10/2017	500	Nil	6.9
Portion A - Section 3	Seymour Whyte Constructions	TB59210	3/10/2017	24/10/2017	190.0	23/10/2017	23/10/2017	270	Nil	6.8
Portion A - Section 3	Seymour Whyte Constructions	TB59210	3/10/2017	24/10/2017	190.0		17/10/2017	470	Nil	7.1
Portion A - Section 3	Seymour Whyte Constructions	TB59350	3/10/2017	24/10/2017	190.0	12/10/2017	13/10/2017	150	nil	6.7
Portion A - Section 3	Seymour Whyte Constructions	TB59350	3/10/2017	24/10/2017	190.0	n/a	17/10/2017	800	Nil	7.1
Portion A - Section 3	Seymour Whyte Constructions	TB59350	3/10/2017	24/10/2017	190.0	24/10/2017	25/10/2017	100	Nil	7.8
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Portion A - Section 3	Seymour Whyte Constructions	TB60030	3/10/2017	24/10/2017	190.0	16/10/2017	17/10/2017	1200	Nil	6.9
Portion A - Section 3	Seymour Whyte Constructions	TB60780	3/10/2017	24/10/2017	174.0	18/10/2017	18/10/2017	500	Nil	7.6
Portion A - Section 3	Seymour Whyte Constructions	TB60780	3/10/2017	24/10/2017	190.0	23/10/2017	23/10/2017	200	Nil	6.9
Portion A - Section 3	Seymour Whyte Constructions	TB60780	3/10/2017	24/10/2017	190.0	23/10/2017	24/10/2017	197	Nil	7.8
Portion A - Section 3	Seymour Whyte Constructions	TB60780	3/10/2017	24/10/2017	190.0		17/10/2017	750	Nil	7.6
Portion A - Section 3	Seymour Whyte Constructions	TB62840	3/10/2017	24/10/2017	190.0		10/10/2017	200	Nil	7.9
Portion A - Section 3	Seymour Whyte Constructions	TB63540	3/10/2017	24/10/2017	190.0	4/10/2017	5/10/2017	500	nil	7.2
Portion A - Section 3	Seymour Whyte Constructions	TB65570	3/10/2017	24/10/2017	268.6	n/a	13/10/2017	400	Nil	6.5
Portion A - Section 3	Seymour Whyte Constructions	TB65570	3/10/2017	24/10/2017	268.6	18/10/2017	18/10/2017	400	Nil	7.9
Portion A - Section 3	Seymour Whyte Constructions	TB65570	3/10/2017	24/10/2017	268.6	n/a	27/10/2017	320	Nil	7.1
Portion A - Section 3	Seymour Whyte Constructions	TB65570	3/10/2017	24/10/2017	268.6		5/10/2017	300	Nil	7.1
Portion A - Section 3	Seymour Whyte Constructions	TB66490	3/10/2017	24/10/2017	268.6	19/10/2017	19/10/2017	1400	Nil	7
Portion A - Section 3	Seymour Whyte Constructions	TB66490	3/10/2017	24/10/2017	268.6	n/a	20/10/2017	1080	Nil	7.8
Portion A - Section 3	Seymour Whyte Constructions	TB66490	3/10/2017	24/10/2017	268.6	n/a	27/10/2017	900	Nil	7.1
Portion A - Section 3	Seymour Whyte Constructions	TB67080	3/10/2017	24/10/2017	268.6	18/10/2017	18/10/2017	1500	Nil	7.9
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Portion A - Section 3	Seymour Whyte Constructions	TB67080	3/10/2017	24/10/2017	268.6		17/10/2017	1500	Nil	7.9
Portion A - Section 3	Seymour Whyte Constructions	TB67340	3/10/2017	24/10/2017	268.6	18/10/2017	18/10/2017	500	Nil	7.9
Portion A - Section 3	Seymour Whyte Constructions	TB67340	3/10/2017	24/10/2017	268.6	n/a	20/10/2017	690	Nil	8
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