

Sediment Basin Water Monitoring - November 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 Wharfa)	Comments
									Oil & Grease	pH	TSS (mg/L)		
									Nil	6.5 – 8.5	Limit ≤ 50 mg/L		
Wave 3	FKG	78450W	5/11/2017	9/11/2017	26.4	8/11/2017	9/11/2017	146	Nil	8.2	Correlation	NTU Correlation used (NTU 59.3)	
Wave 3	FKG	78450E	5/11/2017	9/11/2017	26.4	8/11/2017	9/11/2017	171	Nil	8.3	Correlation	NTU Correlation used (NTU 67.4)	
Wave 3	FKG	77800	5/11/2017	9/11/2017	26.4	not required	7/11/2017	190	Nil	8.1	Correlation	NTU Correlation used (NTU 61.8)	
Wave 3	FKG	77500E	5/11/2017	9/11/2017	26.4	8/11/2017	9/11/2017	100	Nil	7.9	Correlation	NTU Correlation used (NTU 64.3)	
Wave 3	FKG	77500W	5/11/2017	9/11/2017	26.4	8/11/2017	9/11/2017	160	Nil	7.88	Correlation	NTU Correlation used (NTU 65.9)	
Wave 3	FKG	Greenhills Goldings (GH4)	5/11/2017	9/11/2017	26.4	NA	NA					dewatered by watercart	
Wave 3	FKG	77500E	10/11/2017	12/11/2017	15.2	13/11/2017	14/11/2017	205	Nil	8.5	Correlation	NTU Correlation used (NTU 62.5)	
Wave 3	FKG	76450W	10/11/2017	12/11/2017	15.2	13/11/2017	14/11/2017	50	Nil	8.4	Correlation	NTU Correlation used (NTU 12.2)	
Portion B	Shamrock Civil Engineering	Jackkibulbin 6.3 ASSTA	6/11/2017	13/11/2017	80.4	10/11/2017	13/11/2017	140 kl	Nil	7.21	42	42	
Portion B	Shamrock Civil Engineering	Jackkibulbin 6.3 ASSTA	18/11/2017	23/11/2017	38	22/11/2017	23/11/2017	100 kl	Nil	6.98	38	38	
Portion B	Golding	Mororo Basin	18/11/2017	27/11/2017	33.4	23/11/2017	29/11/2017	approx 400	nil	6.85	5	ntu 6	
B	BMD Constructions	MC03	1/11/2017	28/11/2017	186.2	No treatment	25/11/2017	290	Nil	6.66	12		USED FOR CONSTRUCTION PURPOSES
Portion E	AFJV	Sediment Basin 1	6/11/2017	13/11/2017	64.6	No Treatment	16/11/2017	300	Nil	7.65	14		
Portion A - Section 3	SWC	TB 59210	6/11/2017	12/11/2017	27.6	-	6/11/2017	86	Nil	8		24	
Portion A - Section 3	SWC	PB 39580	6/11/2017	12/11/2017	52		13/11/2017	350	Nil	7.2		24	
Portion A - Section 3	SWC	PB 42500	6/11/2017	12/11/2017	52		10/11/2017	55	Nil	6.8		45	
Portion A - Section 3	SWC	PB 42690	6/11/2017	12/11/2017	52		10/11/2017	50	Nil	7.2		47	
Portion A - Section 3	SWC	TB 37370	6/11/2017	12/11/2017	52		14/11/2017	188	Nil	7.3		20	
Portion A - Section 3	SWC	TB 50010	6/11/2017	12/11/2017	52		13/11/2017	200	Nil	7.3		24	
Portion A - Section 3	SWC	TB 50360	6/11/2017	10/11/2017	42.6	10/11/2017	10/11/2017	40	Nil	7.4		24	
Portion A - Section 3	SWC	TB 51360	6/11/2017	10/11/2017	42.6		13/11/2017	50	Nil	7.4		24	
Portion A - Section 3	SWC	TB 52390	6/11/2017	10/11/2017	42.6	-	9/11/2017	750	Nil	7.3		27	
Portion A - Section 3	SWC	TB 52680	6/11/2017	10/11/2017	42.6	-	8/11/2017	400	Nil	7.1		24	
Portion A - Section 3	SWC	TB 54660	6/11/2017	10/11/2017	42.6	-	8/11/2017	200	Nil	7.1		24	
Portion A - Section 3	SWC	TB 59210	6/11/2017	12/11/2017	27.6	-	8/11/2017	215	Nil	8		35	
Portion A - Section 3	SWC	TB 65570	6/11/2017	11/11/2017	31.4		13/11/2017	160	Nil	6.9		24	
Portion A - Section 3	SWC	TB 67080	6/11/2017	11/11/2017	31.4		9/11/2017	160	Nil	8.2		25	
Portion A - Section 3	SWC	TB 67340	6/11/2017	11/11/2017	31.4	-	8/11/2017	480	Nil	8.3		24	
Portion A - Section 3	SWC	TB51450	6/11/2017	10/11/2017	42.6	9/11/2017	9/11/2017	100	Nil	7.1		24	
Portion A - Section 3	SWC	TB53830	6/11/2017	10/11/2017	42.6	-	9/11/2017	70	Nil	7.3		24	
Portion A - Section 3	SWC	TB57260	6/11/2017	12/11/2017	27.6	-	8/11/2017	250	Nil	7.4		24	