

## Sediment Basin Water Monitoring - July 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 68 NTU (Seymour Whwte)	Comments
									Oil & Grease	pH	TSS (mg/L)		
									Nil	6.5 – 8.5	Limit ≤ 50 mg/L		
IWP1	Golding	Mororo Basin MC01	N/A	N/A	N/A	N/A	N/A	N/A				NIL dewatering via licenced discharge point for July dewatered only into watercarts for dust suppression, details not required for EPL report.	
Wave 3	FKG	GH4	30/06/2017	30/06/2017	20	3/04/2017	4/07/2017	1196	Nil	7.54	correlation	NTU 39.3	
Wave 3	FKG	78450E	30/06/2017	30/06/2017	20	3/04/2017	4/07/2017	488	Nil	6.86	9	NTU 20.6	
Wave 3	FKG	75900	30/06/2017	30/06/2017	20	3/04/2017	4/07/2017	601	Nil	7.45	correlation	NTU 19.3	
Wave 3	FKG	75500	30/06/2017	30/06/2017	20	3/04/2017	4/07/2017	600	Nil	7.76	correlation	NTU 30.1	
Wave 3	FKG	75200 W	30/06/2017	30/06/2017	20	3/04/2017	4/07/2017	236	Nil	6.77	9	NTU 37.4	
Wave 3	FKG	75200E	30/06/2017	30/06/2017	20	3/04/2017	4/07/2017	170	Nil	6.87	correlation	NTU 8.6	
Wave 3	FKG	2A	30/06/2017	30/06/2017	20	3/04/2017	4/07/2017	425	Nil	6.7	correlation	NTU 5.3	
Wave 3	FKG	1B	30/06/2017	30/06/2017	20	No treatment	3/07/2017	148	Nil	6.52	correlation	NTU 4.5	
Wave 3	FKG	4A	30/06/2017	30/06/2017	20	No treatment	3/07/2017	413	Nil	7.46	1	NTU 8.1	
Wave 3	FKG	5A	30/06/2017	30/06/2017	20	4/04/2017	4/07/2017	526	Nil	7.75	correlation	NTU 8.3	
Wave 3	FKG	78450W	30/06/2017	30/06/2017	20	No treatment	4/07/2017	118	Nil	7.46	correlation	NTU 29.1	
Wave 3	FKG	4A	30/06/2017	30/06/2017	20	No treatment	17/07/2017	413	Nil	7.45	correlation	NTU 32.5	
Portion E	Pacific Harwood	HB2	29/06/2017	30/06/2017	18.6	30-06-17 and 03-07-17	4/07/2017	1300	Nil	8.41	15		
Wave 5a	SWC	TB- 060030N	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	343	Nil	7.2		53	
Wave 5a	SWC	TB- 060780N	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	807	Nil	6.8		6.9	
Wave 5a	SWC	TB- 062840S	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	946	Nil	8		12.3	
Wave 5a	SWC	TB- 063540N	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	503	Nil	6.5		6.9	
Wave 5a	SWC	TB- 063890N	19/05/2017	23/05/2017	48.5	Multiple	24/05/2017	496	Nil	6.7		52	
Wave 5a	SWC	TB- 065570N	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	601	Nil	6.9		34.1	
Wave 5a	SWC	TB- 066490N	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	2275	Nil	8		3.1	
Wave 5a	SWC	TB- 067080N	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	1845	Nil	6.7		7.2	
Wave 5a	SWC	TB- 039700N	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	1358	Nil	6.7		45	
Wave 5a	SWC	TB- 040180N	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	842	Nil	7.2		34	
Wave 5a	SWC	TB- 040870N	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	667	Nil	7.6		16	
Wave 5a	SWC	TB-041340	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	156	Nil	7.6		44.7	
Wave 5a	SWC	TB- 042500S	19/05/2017	23/05/2017	48.5	Multiple	25/05/2017	82	Nil	7.5		120	Dewatered - Water Truck
Wave 5a	SWC	PB- 042690S	19/05/2017	23/05/2017	48.5	Multiple	25/05/2017	121	Nil	6.6		187	Dewatered - Water Truck
Wave 5a	SWC	PB- 043490S	19/05/2017	23/05/2017	48.5	Multiple	26/05/2017	108	Nil	8.2		9	
Wave 5a	SWC	PB- 044200S	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	116	Nil	8.2		3.2	
Wave 5a	SWC	PB- 044470N	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	2420	Nil	7.8		18.8	
Wave 5a	SWC	PB- 046000N	19/05/2017	23/05/2017	48.5	Multiple	24/05/2017	1475	Nil	7.8		17.4	
Wave 5a	SWC	PB- 047020N	19/05/2017	23/05/2017	48.5	Multiple	25/05/2017	836	Nil	8.16		118	Dewatered - Water Truck
Wave 5a	SWC	PB- 047340N	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	433	Nil	8.37		8.5	
Wave 5a	SWC	PB- 047710N	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	361	Nil	8.36		16.7	
Wave 5a	SWC	PB- 048010S	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	1100	Nil	8.3		24.9	
Wave 5a	SWC	TB- 048610S	19/05/2017	23/05/2017	48.5	Multiple	25/05/2017	436	Nil	8.41		164	Dewatered - Water Truck
Wave 5a	SWC	TB- 048780N	19/05/2017	23/05/2017	48.5	Multiple	24/05/2017	367	Nil	8.64		290	Dewatered - Water Truck
Wave 5a	SWC	TB- 050360N	19/05/2017	23/05/2017	48.5	Multiple	23/05/2017	483	Nil	8.38		12.1	
Wave 5a	SWC	PB- 052390N	19/05/2017	23/05/2017	48.5	Multiple	25/05/2017	1832	Nil	8.36		8.3	
Wave 5a	SWC	TB- 053660N	13/05/2017	17/05/2017	25.4	Multiple	18/05/2017	799	Nil	6.5		61.7	
Wave 5a	SWC	PB- 054660N	13/05/2017	17/05/2017	25.4	Multiple	16/05/2017	1053	Nil	6.64		51.78	
Wave 5a	SWC	TB- 057260N	13/05/2017	17/05/2017	25.4	Multiple	17/05/2017	858	Nil	6.9		50.2	
Wave 5a	SWC	TB- 059210N	13/05/2017	17/05/2017	25.4	Multiple	17/05/2017	568	Nil	6.4		27.3	Dewatered - Water Truck
Wave 5a	SWC	TB- 060030N	13/05/2017	17/05/2017	25.4	Multiple	17/05/2017	343	Nil	6.1		42.7	Dewatered - Water Truck
Wave 5a	SWC	TB- 062840S	13/05/2017	17/05/2017	25.4	Multiple	16/05/2017	946	Nil	7.03		13.9	
Wave 5a	SWC	TB- 063540N	13/05/2017	17/05/2017	25.4	Multiple	16/05/2017	503	Nil	7.53		11.1	
Wave 5a	SWC	TB- 063890N	13/05/2017	17/05/2017	25.4	Multiple	16/05/2017	496	Nil	8.02		9	
Wave 5a	SWC	TB- 065570N	13/05/2017	17/05/2017	25.4	Multiple	16/05/2017	601	Nil	6.79		48.9	
Wave 5a	SWC	TB- 039700N	13/05/2017	17/05/2017	25.4	Multiple	17/05/2017	1358	Nil	8.2		9	
B	BMD Construction	IEB02	4/07/2017	5/07/2017	4.1	42922	7/07/2017	88	Nil	7.33	8		
B	BMD Construction	MC02	4/07/2017	5/07/2017	4.1	42922	7/07/2017	519	Nil	7.07	28		