

Sediment Basin Water Monitoring - February 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 Whyte)	Comments
									Oil & Grease	pH	TSS (mg/L)		
									Nil	6.5 – 8.5	Limit ≤ 50 mg/L		
Wave 3, Section 4	FKG	SB68700	9/12/2016	9/12/2016	27.2	30-Jan	31-Jan	212.7	nil	8.1	7		
Wave 3, Section 4	FKG	SB68850	9/12/2016	9/12/2016	27.2	30-Jan	31-Jan	185	nil	8.1	2.8		
Wave 3, Section 4	FKG	SB76200	27/01/2017	27/01/2017	27.2	30-Jan	31-Jan	1040	nil	7.64	22		
Wave 3, Section 4	FKG	SB78380	27/01/2017	27/01/2017	27.2	nil	31-Jan	488	nil	7.64	12		
Wave 3, Section 4	FKG	SB76450	27/01/2017	27/01/2017	27.2	28-Jan	31-Jan	643	nil	7.82	20		
Wave 3, Section 4	FKG	SBGH4	27/01/2017	27/01/2017	27.2	28-Jan	31-Jan	1345	nil	8.12	11		
Wave 3, Section 4	FKG	SB77800	20/01/2017	21/01/2017	30	nil	25-Jan	700	nil	8.34	23		
Wave 3, Section 4	FKG	SB68850	20/01/2017	21/01/2017	30	nil	25-Jan	150	nil	6.96	10		
Wave 3, Section 4	FKG	SB68700	20/01/2017	21/01/2017	30	nil	25-Jan	300	nil	7	18		
Wave 3, Section 4	FKG	SB78380	20/01/2017	21/01/2017	30	17-Jan	25-Jan	600	nil	7.9	20		
Wave 3, Section 4	FKG	SBGH4	6/01/2017	7/01/2017	47.2	7-Jan	11-Jan	1000	nil	8.11	18		
Wave 3, Section 4	FKG	SB78380	6/01/2017	7/01/2017	47.2	7-Jan	11-Jan	550	nil	7.86	16		
Wave 3, Section 4	FKG	SB4A 68090	18/02/2017 Water is from ground aquifer on 17/02/2017	18/02/2017	7.2	17/02/2017	21/02/2017	500	nil	8.3	12		
Wave 5a	Seymour Whyte	TB- 039700N	18th Feb	- 23rd	15 mm	NA							Significant ground / soil moisture recharge. All water reused for site activities and dust suppression. Large sumps in treatment trains holding water
Wave 5a	Seymour Whyte	TB- 040180N	18th Feb	- 23rd	15 mm	NA							
Wave 5a	Seymour Whyte	TB- 040870N	18th Feb	- 23rd	15 mm	NA							
Wave 5a	Seymour Whyte	PB- 044470N	18th Feb	- 23rd	15 mm	NA							
Wave 5a	Seymour Whyte	PB- 046000N	18th Feb	- 23rd	15 mm	NA							
Wave 5a	Seymour Whyte	TB- 057260N	18th Feb	- 23rd	15 mm	NA							
Wave 5a	Seymour Whyte	TB- 061750N	18th Feb	- 23rd	15 mm	NA							
Wave 5a	Seymour Whyte	TB- 062840S	18th Feb	- 23rd	15 mm	NA							
Wave 5a	Seymour Whyte	TB- 063540N	18th Feb	- 23rd	15 mm	NA							
Wave 5a	Seymour Whyte	TB- 063890N	18th Feb	- 23rd	15 mm	NA							
Wave 5a	Seymour Whyte	TB- 064538N	18th Feb	- 23rd	15 mm	NA							
Wave 5a	Seymour Whyte	TB- 065570N	18th Feb	- 23rd	15 mm	NA							
Wave 5a	Seymour Whyte	TB- 066490N	18th Feb	- 23rd	15 mm	NA							
Wave 5a	Seymour Whyte	TB- 067080N	18th Feb	- 23rd	15 mm	NA							
Wave 5a	Seymour Whyte	TB- 067340N	18th Feb	- 23rd	15 mm	NA							