

## Sediment Basin Water Monitoring - January 2018

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 84 NTU (Seymour Whata)	Comments	
									Oil & Grease	pH	TSS (mg/L)			
									Nil	6.5 – 8.5	Limit ≤ 50 mg/L			
Portion A - S4	BGC	SBGH4	21/12/2017	25/12/2017	220	22/12/2017	12/01/2018	1495	Nil	7.58		55		
Portion A - S4	BGC	SB77800	21/12/2017	25/12/2017	115	22/12/2017	27/12/2017	751	Nil	6.9		39		
Portion A - S4	BGC	SB69620E	21/12/2017	25/12/2017	115	22/12/2017	29/12/2017	356	Nil	6.5	12.5			
Portion A - S4	BGC	SB75200W	21/12/2017	10/01/2018	220	22/12/2017	12/01/2018	327	Nil				Water cart	
Portion A - S4	BGC	SB75200E	21/12/2017	10/01/2018	220	22/12/2017	12/01/2018	213	Nil				Water cart	
Portion A - S4	BGC	SB77500W	21/12/2017	10/01/2018	220	22/12/2017	28/12/2017	750	Nil	6.5		60		
Portion A - S4	BGC	SB75500	21/12/2017	3/01/2018	220	22/12/2017	10/01/2018	604	Nil	7.38	35			
Portion A - S4	BGC	SB75900	21/12/2017	3/01/2018	220	22/12/2017	8/01/2017	1203	Nil	7.46		50		
Portion A - S4	BGC	BSB69620	30/12/2017	3/01/2018	35	4/01/2018	8/01/2017	2600	Nil	7.6		24		
Portion A - S4	BGC	SB77500E	21/12/2017	3/01/2018	220	22/12/2017	9/01/2018	294	Nil	6.64		47.9		
Portion A - S4	BGC	SB78450	21/12/2017	3/01/2018	220	4/01/2018	8/01/2018	295	Nil	6.74	34			
Portion A - S4	BGC	SB77800	30/12/2017	3/01/2018	35	4/01/2018	8/01/2018	751	Nil	6.93		48.7		
Portion A - S4	BGC	SB69620W	30/12/2017	3/01/2018	41	4/01/2018	8/01/2018	185	Nil	6.52		26		
Portion A - S4	BGC	SB 76450	21/12/2017	25/12/2017	115	22/12/2017	29/12/2017	804	Nil	6.55	27			
Portion A - S4	BGC	SB69052	30/12/2017	3/01/2018	41	4/01/2018	8/01/2018	387	Nil	8.52		28		
Portion A - S4	BGC	SB69620E	30/12/2017	3/01/2018	41	4/01/2018	8/01/2018	356	Nil	7.25		45		
B	BMD Constructions	MC01	1/01/2018	4/01/2018	72 Chatsworth	67.2 Iluka	No treatment required	4/01/2018	295	Nil	7.25		45	
B	BMD Constructions	MC03	1/01/2018	4/01/2018	72 Chatsworth	67.2 Iluka	No treatment required	4/01/2008	993	Nil	7.35	14		
B	BMD Constructions	IEB03	1/01/2018	4/01/2018	72 Chatsworth	67.2 Iluka	No treatment required	5/01/2008	337	Nil	7.23	17		
Portion B	Golding	Mororo	24/12/2017	1/01/2018	59.4	n/a	1/01/2018	~2000L	nil	7.2		23		Treatment not required due to Christmas shutdown preloading of basin inlets with gypsum and lime
Portion B	Golding	Mororo	1/01/2018	4/01/2018	64.4	43104	5/01/2018	~2000L	nil	7.1		36		
Portion E	Pacifico	Sediment Basin 1	2/01/2018	3/01/2018	53	43104	5/01/2018	695	Nil	7.19		11		
Portion E	Pacifico	Sediment Basin 2	2/01/2018	3/01/2018	53	43103	4/01/2018	2460	Nil	7.47		14		
Portion D	Lendlease	Monti's Basin	25/12/2017	3/01/2018	107mm		43105	6/01/2018	NIL	7.69		24		Discharge into Bingal Ck
Portion A - Section 3	SWC	36510	21/12/2017	3/01/2018	202	-	6/01/2018	1000	Nil	6.9		50		
Portion A - Section 3	SWC	37020	21/12/2017	3/01/2018	202	-	8/01/2018	400	Nil	6.6		42		
Portion A - Section 3	SWC	37370	21/12/2017	3/01/2018	202	-	5/01/2018	300	Nil	6.9		28		
Portion A - Section 3	SWC	37620	21/12/2017	3/01/2018	202	-	5/01/2018	320	Nil	7.3		56		
Portion A - Section 3	SWC	37810	21/12/2017	3/01/2018	202	-	4/1/208	320	Nil	6.6		41		
Portion A - Section 3	SWC	38010	21/12/2017	3/01/2018	202	-	5/01/2018	300	Nil	7.6		35		
Portion A - Section 3	SWC	38070	21/12/2017	3/01/2018	202	-	5/01/2018	200	Nil	6.5		40		
Portion A - Section 3	SWC	38180	21/12/2017	3/01/2018	202	-	4/01/2018	295	Nil	6.9		30		
Portion A - Section 3	SWC	38180	21/12/2017	3/01/2018	202	-	4/01/2018	295	Nil	6.9		30		
Portion A - Section 3	SWC	38480	21/12/2017	3/01/2018	202	-	6/01/2018	200	Nil	6.9		30		
Portion A - Section 3	SWC	38560	21/12/2017	3/01/2018	202	-	5/01/2018	300	Nil	6.8		33		
Portion A - Section 3	SWC	39030	21/12/2017	3/01/2018	202	-	6/01/2018	200	Nil	6.9		45		
Portion A - Section 3	SWC	39140	21/12/2017	3/01/2018	202	-	5/01/2018	350	Nil	7.1		50		
Portion A - Section 3	SWC	39700	21/12/2017	3/01/2018	202	-	4/01/2018	1200	Nil	6.7		50		
Portion A - Section 3	SWC	39850	21/12/2017	3/01/2018	202	-	4/01/2018	1500	Nil	7.1		25		
Portion A - Section 3	SWC	40180	21/12/2017	3/01/2018	202	-	5/01/2018	100	Nil	6.6		40		
Portion A - Section 3	SWC	40870	21/12/2017	3/01/2018	202	-	5/01/2018	650	Nil	6.7		35		
Portion A - Section 3	SWC	41340	21/12/2017	3/01/2018	202	-	5/01/2018	300	Nil	7		15		
Portion A - Section 3	SWC	41340	21/12/2017	3/01/2018	202	-	5/01/2018	300	Nil	7		15		
Portion A - Section 3	SWC	42500	21/12/2017	3/01/2018	202	-	4/01/2018	82	Nil	6.6		35		
Portion A - Section 3	SWC	42690	21/12/2017	3/01/2018	202	-	4/01/2018	100	Nil	6.9		40		
Portion A - Section 3	SWC	43490	21/12/2017	3/01/2018	202	-	4/01/2018	RFI	Nil	6.8		20		
Portion A - Section 3	SWC	44200	21/12/2017	3/01/2018	202	-	4/01/2018	147.32	Nil	7.2		20		
Portion A - Section 3	SWC	44470	21/12/2017	3/01/2018	202	-	5/01/2018	1023	Nil	6.9		27		
Portion A - Section 3	SWC	46000	22/12/2017	3/01/2018	192.8	-	6/01/2018	300	Nil	6.9		51		
Portion A - Section 3	SWC	47020	22/12/2017	3/01/2018	192.8	-	6/01/2018		Nil	7.8		44		
Portion A - Section 3	SWC	47340	22/12/2017	3/01/2018	192.8	-	4/01/2018	197.44	Nil	7.8		45		
Portion A - Section 3	SWC	47710	22/12/2017	3/01/2018	202	-	5/01/2018		Nil	7.2		27		
Portion A - Section 3	SWC	47710	22/12/2017	3/01/2018	192.8	-	6/01/2018	330	Nil	7.3		59		
Portion A - Section 3	SWC	48010	22/12/2017	3/01/2018	192.8	-	5/01/2018	777.38	Nil	7		20		
Portion A - Section 3	SWC	48010	22/12/2017	3/01/2018	192.8	-	6/01/2018	700	Nil	6.9		20		
Portion A - Section 3	SWC	48610	22/12/2017	3/01/2018	192.8	-	5/01/2018	326.22	Nil	6.7		20		
Portion A - Section 3	SWC	48780	22/12/2017	3/01/2018	192.8	-	5/01/2018	318	Nil	6.9		20		
Portion A - Section 3	SWC	50010	22/12/2017	3/01/2018	192.8	-	5/01/2018		Nil	7.1		35		
Portion A - Section 3	SWC	50360	22/12/2017	3/01/2018	192.8	-	5/01/2018	210	Nil	7.9		50		
Portion A - Section 3	SWC	51450	22/12/2017	3/01/2018	192.8	-	5/01/2018		Nil	6.8		27		
Portion A - Section 3	SWC	52390	22/12/2017	3/01/2018	192.8	-	5/01/2018	182.34	Nil	7.1		35		
Portion A - Section 3	SWC	53830	22/12/2017	3/01/2018	192.8	-	8/01/2018	400	Nil	6.5		10		
Portion A - Section 3	SWC	53830	22/12/2017	3/01/2018	192.8	-	8/01/2018	370	Nil	6.5		24		
Portion A - Section 3	SWC	54460	22/12/2017	3/01/2018	192.8	-	5/01/2018	700	Nil	8		10		
Portion A - Section 3	SWC	54660	22/12/2017	3/01/2018	192.8	-	5/01/2018	700	Nil	8		10		
Portion A - Section 3	SWC	56880	-	-	-	-	9/01/2018	200	Nil	7.2		20		
Portion A - Section 3	SWC	57010	22/12/2017	3/01/2018	168.4	-	9/01/2018	200	Nil	7.4		20		
Portion A - Section 3	SWC	57260	22/12/2017	3/01/2018	168.4	-	8/01/2018	600	Nil	6.7		40		
Portion A - Section 3	SWC	59210	22/12/2017	3/01/2018	168.4	-	10/01/2018	370	Nil	7.3		30		
Portion A - Section 3	SWC	60780	22/12/2017	3/01/2018	168.4	-	5/01/2018	550	Nil	6.6		10		
Portion A - Section 3	SWC	63540	22/12/2017	3/01/2018	168.4	-	5/01/2018	350	Nil	7.5		50		
Portion A - Section 3	SWC	65570	22/12/2017	3/01/2018	228.6	-	4/01/2018	400	Nil	8.2		40		

Portion A - Section 3	SWC	67080	22/12/2017	3/01/2018	228.6		4/01/2018	700	Nil	7
Portion A - Section 3	SWC	67940	22/12/2017	3/01/2018	228.6		4/01/2018	600	Nil	6.8
Portion A - Section 3	SWC	68700	22/12/2017	3/01/2018	228.6		4/01/2018	600	Nil	6.8

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