

Sediment Basin Water Monitoring - December 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 84 NTU (Seymour Whvte)	Comments
									Oil & Grease	pH	TSS (mg/L)		
									Nil	6.5 – 8.5	Limit ≤ 50 mg/L		
Portion A - Section 4	BGC	77500W	4/12/2017	8/12/2017	26.2mm	5/12/2017	6/12/2017	219	Nil	7.12	46		
Portion A - Section 4	BGC	77800	4/12/2017	8/12/2017	26.2mm	5/12/2017	7/12/2017	584	Nil	7.12	46		
Portion A - Section 4	BGC	78000	4/12/2017	8/12/2017	26.2mm	N/A	N/A	N/A	Nil				No discharge compliant capacity
Portion A - Section 4	BGC	77500E	4/12/2017	8/12/2017	26.2mm	5/12/2017	7/12/2017	294.5	Nil	7.85	49		
Portion A - Section 4	BGC	78450W	4/12/2017	8/12/2017	26.2mm	5/12/2017	7/12/2017	295	Nil	7.48	45		
Portion A - Section 4	BGC	78450E	4/12/2017	8/12/2017	26.2mm	N/A	N/A	N/A	Nil				Re-used as dust suppression
Portion A - Section 4	BGC	GH4	4/12/2017	8/12/2017	32.2mm	N/A	N/A	N/A	Nil				Re-used as dust suppression
Portion A - Section 4	BGC	76450	4/12/2017	8/12/2017	32.2mm	5/12/2017	5/12/2017	643.2	Nil	7.72	32		
Portion A - Section 4	BGC	76200	4/12/2017	8/12/2017	32.2mm	5/12/2017	5/12/2017	110	Nil	8.3	16		
Portion A - Section 4	BGC	75900	4/12/2017	8/12/2017	32.2mm	5/12/2017	5/12/2017	721.8	Nil	8	44		
Portion A - Section 4	BGC	75200E	4/12/2017	8/12/2017	32.2mm	5/12/2017	5/12/2017	219	Nil	7.17	47		
Portion A - Section 4	BGC	75200W	4/12/2017	8/12/2017	32.2mm	5/12/2017	5/12/2017	143	Nil	7.29	44		
Portion A - Section 4	BGC	75500	4/12/2017	8/12/2017	32.2mm	5/12/2017	5/12/2017	483.2	Nil	6.9	43		
Portion A - Section 4	BGC	69620	4/12/2017	8/12/2017	32.2mm	N/A	N/A	N/A	Nil				No discharge compliant capacity
Portion A - Section 4	BGC	77500W	10/12/2017	14/12/2017	32.0mm	N/A	N/A	N/A	Nil				Re-used as dust suppression
Portion A - Section 4	BGC	77800	10/12/2017	14/12/2017	32.0mm	N/A	N/A	N/A	Nil				Re-used as dust suppression
Portion A - Section 4	BGC	78000	10/12/2017	14/12/2017	32.0mm	N/A	N/A	N/A	Nil				Re-used as dust suppression
Portion A - Section 4	BGC	77500E	10/12/2017	14/12/2017	32.0mm	11/12/2017	13/12/2017	294.5	Nil	7.12	49		
Portion A - Section 4	BGC	78450W	10/12/2017	14/12/2017	32.0mm	11/12/2017	13/12/2017	295	Nil	7.83	26		
Portion A - Section 4	BGC	GH4	10/12/2017	14/12/2017	32.0mm	N/A	12/12/2017	1495	Nil				Re-used as dust suppression
Portion A - Section 4	BGC	76450	10/12/2017	14/12/2017	32.0mm	12/12/2017	13/12/2017	482.4	Nil	7.45	48		
Portion A - Section 4	BGC	76200	10/12/2017	14/12/2017	32.0mm	N/A	13/12/2017		Nil				No discharge - compliant capacity
Portion A - Section 4	BGC	75900	10/12/2017	14/12/2017	32.0mm	N/A	13/12/2017		Nil				No discharge - compliant capacity
Portion A - Section 4	BGC	75200E	10/12/2017	14/12/2017	32.0mm	11/12/2017	13/12/2017	170.4	Nil	7.22	49		
Portion A - Section 4	BGC	75500	10/12/2017	14/12/2017	32.0mm	N/A	13/12/2017		Nil				Reused as dust suppression
Portion E	AFHJV	HB1	21/12/2017	21/12/2017	33.6	No treatment required	22/12/2017	300	Nil	7.19	37		
Portion E	AFHJV	HB1	25/12/2017	26/11/2017	25.2	No treatment required	27/12/2017	100	Nil	6.97	28		TSS field = 28mg/L. Awaiting laboratory results.
Portion B	BMD Constructions	MC01	1/12/2017	10/12/2017	45.2 Chatsworth 57.2 Iluka	2/12/2017	15/12/2017	295	Nil	7.34	10		
Portion B	BMD Constructions	MC03	1/12/2017	10/12/2017	45.2 Chatsworth 57.2 Iluka	2/12/2017	15/12/2017	993	Nil	7.48	21		
Portion B	BMD Constructions	IEB03	1/12/2017	10/12/2017	37.6 Chatsworth 50.2 Iluka	2/12/2017	15/12/2017	337	Nil	7.34	24		
Portion B	BMD Constructions	MC01	22/12/2017	28/12/2017	81.2 Chatsworth 78.8 Iluka	29/12/17 Lime treatment required	29/12/2017	295	Nil	6.59	6	20.7	20.7 NTU - using existing correlation approved for use for Goldings
Portion B	BMD Constructions	MC03	22/12/2017	28/12/2017	81.2 Chatsworth 78.8 Iluka	29/12/17 Lime treatment required	29/12/2017	993	Nil	6.84	11	31	31 NTU - using existing correlation approved for use by Goldings
Portion D	ILE	Monti's Basin	29/11/2017	6/12/2017	62.6	43074	6/12/2017	650	Nil	6.76	31		Basin pumped out to determine capacity
Portion A - Section 3	SWC	PB36510	30/11/2017	10/12/2017	60.8		5/12/2017	908	Nil	6.5		40	
Portion A - Section 3	SWC	PB44470	30/11/2017	10/12/2017	60.8		11/12/2017	1908	Nil	8.2		60	
Portion A - Section 3	SWC	PB47710	30/11/2017	10/12/2017	54		7/12/2017	150	Nil	7.1		40	
Portion A - Section 3	SWC	PB56880	22/12/2017	3/01/2018	168.4	-	23/12/2017	500	Nil	6.8		30	
Portion A - Section 3	SWC	PB56880	22/12/2017	3/01/2018	168.4	-	23/12/2017	500	Nil	6.8		30	
Portion A - Section 3	SWC	PB67940	30/11/2017	11/12/2017	71.4		6/12/2017	500	Nil	6.9		20	
Portion A - Section 3	SWC	PB67940	30/11/2017	11/12/2017	71.4		13/12/2017	600	Nil	8.4		55	
Portion A - Section 3	SWC	PB67940	22/12/2017	3/01/2018	228.6		23/12/2017	600	Nil	7.6		50	
Portion A - Section 3	SWC	PB67940	22/12/2017	3/01/2018	228.6		27/12/2017	800	Nil	6.6		24	
Portion A - Section 3	SWC	PB68700	30/11/2017	11/12/2017	71.4		11/12/2017	200	Nil	7.6		50	
Portion A - Section 3	SWC	PB68700	22/12/2017	3/01/2018	228.6		21/12/2017	600	Nil	6.7		50	
Portion A - Section 3	SWC	PB68700	22/12/2017	3/01/2018	228.6		23/12/2017	500	Nil	7.6		30	
Portion A - Section 3	SWC	TB37370	30/11/2017	10/12/2017	60.8		5/12/2017	188	Nil	6.5		20	
Portion A - Section 3	SWC	TB37370	30/11/2017	10/12/2017	60.8		9/12/2017	200	Nil	7		43	
Portion A - Section 3	SWC	TB38010	30/11/2017	10/12/2017	60.8		5/12/2017	250	Nil	6.7		55	
Portion A - Section 3	SWC	TB38070	30/11/2017	10/12/2017	60.8		5/12/2017	200	Nil	6.9		20	
Portion A - Section 3	SWC	TB38180	30/11/2017	10/12/2017	60.8		4/12/2017	140	Nil	6.8		40	
Portion A - Section 3	SWC	TB39700	30/11/2017	10/12/2017	60.8		4/12/2017	800	Nil	6.6		54	
Portion A - Section 3	SWC	TB39700	21/12/2017	3/01/2018	202		22/12/2017	800	Nil	8.1		25	
Portion A - Section 3	SWC	TB40180	21/12/2017	3/01/2018	202		22/12/2017	240	Nil	6.9		20	
Portion A - Section 3	SWC	TB42500	21/12/2017	3/01/2018	202	-	27/12/2017	150	Nil	7.1		22	
Portion A - Section 3	SWC	TB44200	-	-	-	-	19/12/2017	27	Nil	8.5		<24	
Portion A - Section 3	SWC	TB46000	30/11/2017	10/12/2017	54	-	11/12/2017	291	Nil	6.8		40	
Portion A - Section 3	SWC	TB48610	30/11/2017	10/12/2017	54	-	7/12/2017	150	Nil	6.8		24	
Portion A - Section 3	SWC	TB48610	22/12/2017	3/01/2018	192.8	-	22/12/2017	267.61	Nil	6.8		<24	
Portion A - Section 3	SWC	TB50010	22/12/2017	3/01/2018	192.8	-	23/12/2017	120	Nil	7.1		40	
Portion A - Section 3	SWC	TB50030	30/11/2017	10/12/2017	54	-	9/12/2017	300	Nil	6.8		24	
Portion A - Section 3	SWC	TB50360	30/11/2017	10/12/2017	54	-	8/12/2017	300	Nil	6.8		24	
Portion A - Section 3	SWC	TB50360	22/12/2017	3/01/2018	192.8	-	23/12/2017	123	Nil	7.9		50	
Portion A - Section 3	SWC	TB51450	30/11/2017	10/12/2017	54	6/12/2017	8/12/2017	200	Nil	6.7		24	
Portion A - Section 3	SWC	TB51450	22/12/2017	3/01/2018	192.8	-	22/12/2017	173.18	Nil	7.2		<24	
Portion A - Section 3	SWC	TB51450	22/12/2017	3/01/2018	192.8	-	23/12/2017	62	Nil	7.7		<24	
Portion A - Section 3	SWC	TB52390	30/11/2017	10/12/2017	54	7/12/2017	8/12/2017	300	Nil	7.3		24	
Portion A - Section 3	SWC	TB52390	22/12/2017	3/01/2018	192.8	-	23/12/2017	506	Nil	7.3		<24	
Portion A - Section 3	SWC	TB52680	30/11/2017	10/12/2017	54	7/12/2017	8/12/2017	80	Nil	6.9		24	
Portion A - Section 3	SWC	TB52680	22/12/2017	3/01/2018	192.8	-	22/12/2017	900	Nil	7		35	
Portion A - Section 3	SWC	TB53660	22/12/2017	3/01/2018	192.8	-	28/12/2017	600	Nil	6.9		45	
Portion A - Section 3	SWC	TB53830	30/11/2017	10/12/2017	54	-	5/12/2017	100	Nil	6.8		<24	
Portion A - Section 3	SWC	TB53830	30/11/2017	10/12/2017	54	6/12/2017	7/12/2017	30	Nil	7.6		24	
Portion A - Section 3	SWC	TB53830	22/12/2017	3/01/2018	192.8	-	22/12/2017	170	Nil	7.2		24	
Portion A - Section 3	SWC	TB53830	22/12/2017	3/01/2018	192.8	-	27/12/2017	180	Nil	6.9		<24	
Portion A - Section 3	SWC	TB54660	30/11/2017	10/12/2017	54	4/12/2017	7/12/2017	400	Nil	7.2		<24	

Portion A - Section 3	SWC	TB54660	22/12/2017	3/01/2018	192.8	-	27/12/2017	500	Nil	6.8		<-24
Portion A - Section 3	SWC	TB55110	22/12/2017	3/01/2018	192.8	-	27/12/2017	400	Nil	6.6		<-24
Portion A - Section 3	SWC	TB57260	29/11/2017	11/12/2017	86.2	-	5/12/2017	400	Nil	7.4		24
Portion A - Section 3	SWC	TB57260	22/12/2017	3/01/2018	168.4	-	28/12/2017	600	Nil	7.5		10
Portion A - Section 3	SWC	TB59350	22/12/2017	3/01/2018	168.4	-	27/12/2017	200	Nil	6.7		<-24
Portion A - Section 3	SWC	TB60780	29/11/2017	11/12/2017	86.2	-	4/12/2017	150	Nil	6.8		<-24
Portion A - Section 3	SWC	TB60780	22/12/2017	3/01/2018	168.4	-	27/12/2017	400	Nil	7		<-24
Portion A - Section 3	SWC	TB63660	30/11/2017	11/12/2017	71.4	10/12/2017	11/12/2017	400	Nil	7.3		24
Portion A - Section 3	SWC	TB63890	-	-	-	-	17/12/2017	200	Nil	6.5		24
Portion A - Section 3	SWC	TB65570	30/11/2017	11/12/2017	71.4	-	6/12/2017	400	Nil	6.9		24
Portion A - Section 3	SWC	TB65570	22/12/2017	3/01/2018	228.6	-	23/12/2017	500	Nil	7.5		24
Portion A - Section 3	SWC	TB66490	30/11/2017	11/12/2017	71.4	-	5/12/2017	600	Nil	7.2		24
Portion A - Section 3	SWC	TB66490	22/12/2017	3/01/2018	228.6	-	23/12/2017	600	Nil	6.8		24
Portion A - Section 3	SWC	TB67080	30/11/2017	11/12/2017	71.4	-	6/12/2017	400	Nil	6.8		24
Portion A - Section 3	SWC	TB67080	22/12/2017	3/01/2018	228.6	-	23/12/2017	400	Nil	6.8		24
Portion A - Section 3	SWC	TB67340	30/11/2017	11/12/2017	71.4	-	5/12/2017	480	Nil	6.62		24
Portion A - Section 3	SWC	TB67340	30/11/2017	11/12/2017	71.4	-	6/12/2017	400	Nil	6.9		24
Portion A - Section 3	SWC	TB67340	30/11/2017	11/12/2017	71.4	-	13/12/2017	200	Nil	6.7		25
Portion A - Section 3	SWC	TB67340	22/12/2017	3/01/2018	228.6	-	22/12/2017	500	Nil	7.4		20
Portion A - Section 3	SWC	TB67340	22/12/2017	3/01/2018	228.6	-	23/12/2017	200	Nil	6.7		20
Portion A - Section 3	SWC	TB68090	30/11/2017	11/12/2017	71.4	-	6/12/2017	500	Nil	6.8		20
Portion A - Section 3	SWC	TB68090	30/11/2017	11/12/2017	71.4	-	11/12/2017	200	Nil	7.5		35
Portion A - Section 3	SWC	TB68090	22/12/2017	3/01/2018	228.6	-	23/12/2017	600	Nil	7.5		24
Portion A - Section 3	SWC	TB68850	22/12/2017	3/01/2018	228.6	-	23/12/2017	300	Nil	7.5		30