

Sediment Basin Water Monitoring - March 2020

Monitoring Location: POINT 1 - Sediment Basin Outlet

Licensee: Laing O'Rourke Australia Construction Pty Ltd
 Premises: Woolgoolga to Ballina Pacific Highway Upgrade Project, Harwood NSW 2465
 Licence No: 20713



Portion / Section	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				Comments	
									Oil & Grease Nil	pH 6.5 - 8.5	TSS	Turbidity		
											Limit ≤ 50 mg/L	NTU Limit - Varies per Contractor		
A S3	SWC	TB41800	22/02/2020	29/02/2020	71.6	1/03/2020	2/03/2020	570	Nil	8.1		27	Basin discharged to comply with 5 day EL	
A S3	SWC	PB55110	22/02/2020	29/02/2020	90.2	1/03/2020	2/03/2020	1400	Nil	8.5		35	Basin discharged to comply with 5 day EL	
A S3	SWC	TB64530	22/02/2020	29/02/2020	107.2	1/03/2020	2/03/2020	75	Nil	6.9		24	Basin discharged to comply with 5 day EL	
A S3	SWC	TB67080	22/02/2020	29/02/2020	107.2	1/03/2020	2/03/2020	250	Nil	7.2		24	Basin discharged to comply with 5 day EL	
A S3	SWC	TB62150	22/02/2020	29/02/2020	107.2	2/03/2020	3/03/2020	580	Nil	7.8		24	Basin discharged to comply with 5 day EL	
A S3	SWC	TB65570	22/02/2020	29/02/2020	107.2	2/03/2020	3/03/2020	180	Nil	7.4	10	24	Basin discharged to comply with 5 day EL	
A S3	SWC	TB67080	22/02/2020	29/02/2020	107.2	1/03/2020	3/03/2020	300	Nil	7.9		24	Basin discharged to comply with 5 day EL	
A S3	SWC	TB62150	22/02/2020	29/02/2020	79.6	2/03/2020	4/03/2020	300	Nil	7.3	13	24	Basin discharged to comply with 5 day EL	
A S3	SWC	PB67940	22/02/2020	29/02/2020	79.6	2/03/2020	4/03/2020	300	Nil	7.1	28	30	Basin discharged to comply with 5 day EL	
A S3	SWC	TB59350	5/03/2020	9/03/2020	24.8	9/03/2020	9/03/2020	380	Nil	7.1	21	30		
A S3	SWC	TB67080	5/03/2020	9/03/2020	44.2	9/03/2020	9/03/2020	500	Nil	7.2	16	24		
A S3	SWC	TB64530	5/03/2020	11/03/2020	66.6	11/03/2020	11/03/2020	200	Nil	6.7		40		
A S3	SWC	TB67080	5/03/2020	11/03/2020	66.6	11/03/2020	11/03/2020	450	Nil	7.2		35		
A S3	SWC	TB64530	5/03/2020	12/03/2020	68.4	11/03/2020	12/03/2020	50	Nil	6.7	26	35		
A S3	SWC	TB67080	5/03/2020	12/03/2020	68.4	11/03/2020	12/03/2020	100	Nil	7.2		30		
A S3	SWC	PB52680	5/03/2020	12/03/2020	25.2	12/03/2020	13/03/2020	700	Nil	7.1		24		
A S3	SWC	TB67080	5/03/2020	13/03/2020	70.2	13/03/2020	13/03/2020	100	Nil	7		24		
A S3	SWC	PB68700	5/03/2020	13/03/2020	70.2	13/03/2020	13/03/2020	280	Nil	7.2		33		
A S3	SWC	PB47020	5/03/2020	12/03/2020	18.2	13/03/2020	14/03/2020	885	Nil	7.5		24		
A S3	SWC	PB54660	5/03/2020	12/03/2020	25.2	12/03/2020	14/03/2020	900	Nil	7.5		24		
A S3	SWC	PB55110	5/03/2020	12/03/2020	25.2	13/03/2020	14/03/2020	1090	Nil	7.7		40		
A S3	SWC	PB56880	5/03/2020	12/03/2020	38.8	12/03/2020	14/03/2020	1000	Nil	7.6	29	55		
A S3	SWC	TB67340	5/03/2020	16/03/2020	77.4	16/03/2020	16/03/2020	250	Nil	7.2		24		
A S3	SWC	TB67340	5/03/2020	16/03/2020	77.4	16/03/2020	17/03/2020	150	Nil	7.6	7	24		
A S3	SWC	TB59350	5/03/2020	16/03/2020	46.2	17/03/2020	18/03/2020	200	Nil	7.2		30		
A S3	SWC	PB56880	5/03/2020	16/03/2020	46.2	17/03/2020	19/03/2020	1200	Nil	7.5		24		
A S3	SWC	TB62840	5/03/2020	16/03/2020	46.2	17/03/2020	19/03/2020	210	Nil	7		24		
A S3	SWC	TB62840	5/03/2020	16/03/2020	46.2	17/03/2020	20/03/2020	150	Nil	7	9	24		
B S5	Golding	Castles Basin	-	-	-	19/03/2020	20/03/2020	850	Nil	6.9		7.9		
B S5	Golding	Castles Basin C1	-	-	-	19/03/2020	20/03/2020	200	Nil	7.1		26.8		
C S6	BMD Constructions	SB-CB	26/02/2020	5/03/2020	57.60	N/A	5/03/2020	60	Nil	8.42	38.8		TSS/Turbidity correlation approvec	
C S6	BMD Constructions	SB-CB	26/02/2020	4/03/2020	48.40	N/A	4/03/2020	60	Nil	8.38	34.2		TSS/Turbidity correlation approvec	
C S6	BMD Constructions	SB14	1/03/2020	26/03/2020	113.20	N/A	26/03/2020	200	Nil	6.94	44.3		TSS/Turbidity correlation approvec	
C S6	BMD Constructions	SB14	1/03/2020	25/03/2020	113.20	N/A	25/03/2020	400	Nil	6.97	46.4		TSS/Turbidity correlation approvec	
C S6	BMD Constructions	SB14	1/03/2020	23/03/2020	104.60	N/A	23/03/2020	100	Nil	7.2	42.5		TSS/Turbidity correlation approvec	
C S6	BMD Constructions	SB-CB	1/03/2020	21/03/2020	104.60	N/A	21/03/2020	80	Nil	8.05	25.7		TSS/Turbidity correlation approvec	
C S6	BMD Constructions	SB-CB	1/03/2020	20/03/2020	104.60	N/A	20/03/2020	2000	Nil	8.03	27.3		TSS/Turbidity correlation approvec	
D S10	Quickway	Lumleys Basin	4/02/2020	1/03/2020	494.00		2/03/2020	3 - 4/03/2020	3	Nil	7.2	36	80	
D S10	Quickway	Lumleys Basin	4/03/2020	11/03/2020	34.00		11/03/2020	12/03/2020	1	Nil	7.6	20	50	