

Sediment Basin Water Monitoring - January 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	
											(mg/L)	NTU	
Nil	6.5 - 8.5	Limit ≤ 50 mg/L	Limit - Varies per Contractor										
Portion A S3	SWC	62150	15/01/2020	19/01/2020	375	19/01/2020	20-Jan-20	400	Nil	6.8		35	
Portion A S3	SWC	55570	15/01/2020	19/01/2020	407.6	19/01/2020	20-Jan-20	550	Nil	6.6		24	
Portion A S3	SWC	58880	15/01/2020	19/01/2020	387.4	20/01/2020	21-Jan-20	1200	Nil	6.5		30	
Portion A S3	SWC	59350	15/01/2020	19/01/2020	375	20/01/2020	21-Jan-20	300	Nil	7.2		45	
Portion A S3	SWC	62150	15/01/2020	19/01/2020	375	19/01/2020	21-Jan-20	700	Nil	6.7		24	
Portion A S3	SWC	62840	15/01/2020	19/01/2020	375	21/01/2020	21-Jan-20	150	Nil	7	24	45	
Portion A S3	SWC	65570	15/01/2020	19/01/2020	407.6	19/01/2020	21-Jan-20	250	Nil	6.8		24	
Portion A S3	SWC	37020	15/01/2020	19/01/2020	340.8	20/01/2020	21-Jan-20	600	Nil	7.5		50	
Portion A S3	SWC	34850	15/01/2020	19/01/2020	340.8	20/01/2020	21-Jan-20	300	Nil	7.9		50	
Portion A S3	SWC	54660	15/01/2020	19/01/2020	387.4	21/01/2020	22-Jan-20	800	Nil	7.5	11	35	
Portion A S3	SWC	35110	15/01/2020	19/01/2020	387.4	21/01/2020	22-Jan-20	1000	Nil	7.4	14	30	
Portion A S3	SWC	59350	15/01/2020	19/01/2020	375	20/01/2020	22-Jan-20	200	Nil	6.8		30	
Portion A S3	SWC	60780	15/01/2020	19/01/2020	375	21/01/2020	22-Jan-20	250	Nil	6.8		24	
Portion A S3	SWC	64530	15/01/2020	19/01/2020	407.6	21/01/2020	22-Jan-20	700	Nil	6.6	6	24	
Portion A S3	SWC	67080	15/01/2020	19/01/2020	407.6	19/01/2020	22-Jan-20	200	Nil	7.8		35	
Portion A S3	SWC	67340	15/01/2020	19/01/2020	407.6	21/01/2020	22-Jan-20	200	Nil	7.5		35	
Portion A S3	SWC	58700	15/01/2020	19/01/2020	407.6	21/02/2020	22-Jan-20	300	Nil	7.8		35	
Portion A S3	SWC	41800	15/01/2020	19/01/2020	367.6	21/01/2020	22-Jan-20	560	Nil	8.3		55	
Portion A S3	SWC	44470	15/01/2020	19/01/2020	367.6	21/01/2020	22-Jan-20	600	Nil	7.6		55	
Portion A S3	SWC	39580	15/01/2020	19/01/2020	367.6	21/01/2020	22-Jan-20	1600	Nil	8.2		55	
Portion A S3	SWC	52680	15/01/2020	19/01/2020	387.4	22/01/2020	23-Jan-20	500	Nil	7.9		35	
Portion A S3	SWC	67080	15/01/2020	19/01/2020	407.6	19/01/2020	23-Jan-20	100	Nil	7.8		35	
Portion A S3	SWC	67340	15/01/2020	19/01/2020	407.6	21/01/2020	23-Jan-20	100	Nil	7.8		40	
Portion A S3	SWC	41800	15/01/2020	19/01/2020	367.6	21/01/2020	23-Jan-20	250	Nil	8.4		40	
Portion A S3	SWC	44470	15/01/2020	19/01/2020	367.6	21/01/2020	23-Jan-20	350	Nil	8.5		24	
Portion A S3	SWC	39580	15/01/2020	19/01/2020	367.6	21/01/2020	23-Jan-20	1000	Nil	8.4		35	
Portion A S3	SWC	67340	15/01/2020	19/01/2020	407.6	21/01/2020	24-Jan-20	100	Nil	7.8		40	
Portion A S3	SWC	44470	15/01/2020	24/01/2020	369.4	24/01/2020	24-Jan-20	100	Nil	7.9		20	
Portion A S3	SWC	36570	15/01/2020	24/01/2020	344.4	24/01/2020	24-Jan-20	600	Nil	7.9		55	
Portion A S3	SWC	39580	15/01/2020	24/01/2020	369.4	24/01/2020	24-Jan-20	400	Nil	8.4		60	
Portion A S3	SWC	64530	26/01/2020	26/01/2020	12	28/01/2020	28-Jan-20	200	Nil	6.6		24	
Portion A S3	SWC	60780	26/01/2020	26/01/2020	12	28/01/2020	29-Jan-20	100	Nil	8		35	
Portion A S3	SWC	64530	26/01/2020	26/01/2020	12	28/01/2020	30-Jan-20	100	Nil	6.6		35	
Portion C S6	BMD	BMD-SB14	15/01/2020	22/01/2020	225.6	21/01/2020	24/01/2020	170	Nil	8.44	45.1		TSS/Turbidity correlation approvec
Portion C S6	BMD	BMD-SB14	15/01/2020	22/01/2020	225.6	21/01/2020	23/01/2020	700	Nil	8.44	45.1		TSS/Turbidity correlation approvec
Portion C S6	BMD	SB-CB	15/01/2020	22/01/2020	225.6	N/A	23/01/2020	200	Nil	8.34	29.9		TSS/Turbidity correlation approvec