

## Sediment Basin Water Monitoring - April 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										
A S3	SWC	TB47020	27/03/2020	31/03/2020	49.8	2/04/2020	2/04/2020	417	Nil	6.9	24	40	
A S3	SWC	PB52680	26/03/2020	31/03/2020	61.8	1/04/2020	2/04/2020	400	Nil	6.6		40	
A S3	SWC	TB62150	26/03/2020	31/03/2020	55.6	3/04/2020	3/04/2020	200	Nil	8.2	6	24	
A S3	SWC	PB68700	26/03/2020	31/03/2020	63	2/04/2020	3/04/2020	200	Nil	7.8		40	
A S3	SWC	PB52680	26/03/2020	5/04/2020	90	6/04/2020	6/04/2020	377	Nil	7.4		33	
A S3	SWC	PB54660	26/03/2020	5/04/2020	90	5/04/2020	6/04/2020	1040	Nil	6.9		50	
A S3	SWC	TB59350	26/03/2020	5/04/2020	84	6/04/2020	6/04/2020	300	Nil	7.8		40	
A S3	SWC	PB67940	26/03/2020	5/04/2020	86.2	6/04/2020	6/04/2020	250	Nil	7.9		35	
A S3	SWC	TB62150	26/03/2020	5/04/2020	84	7/04/2020	7/04/2020	200	Nil	8.3		30	
A S3	SWC	PB68700	26/03/2020	5/04/2020	86.2	6/04/2020	7/04/2020	250	Nil	7.8		40	
A S3	SWC	PB52680	26/03/2020	5/04/2020	90	7/04/2020	7/04/2020	300	Nil	7.6		30	
A S3	SWC	PB56880	26/03/2020	5/04/2020	90	6/04/2020	7/04/2020	900	Nil	7.7		45	
A S3	SWC	PB68700	26/03/2020	5/04/2020	86.2	6/04/2020	7/04/2020	250	Nil	7.2		30	
A S3	SWC	PB55110	26/03/2020	5/04/2020	90	7/04/2020	8/04/2020	900	Nil	7.2		48	
A S3	SWC	TB59350	26/03/2020	11/04/2020	110.4	14/04/2020	14/04/2020	300	Nil	7.2	2	35	
A S3	SWC	TB62150	26/03/2020	11/04/2020	110.4	14/02/2020	14/04/2020	200	Nil	7.2		40	
A S3	SWC	PB68700	26/03/2020	11/04/2020	109	13/04/2020	14/04/2020	150	Nil	7.2	2	30	
A S3	SWC	PB55110	26/03/2020	11/04/2020	105	14/04/2020	15/04/2020	600	Nil	7.5		42	
A S3	SWC	PB67940	26/03/2020	11/04/2020	109	15/04/2020	15/04/2020	150	Nil	7.4		35	
A S3	SWC	PB52390	26/03/2020	11/04/2020	105	15/04/2020	16/04/2020	700	Nil	7.5		35	
B S5	Golding	BMD Basin	4/04/2020	8/04/2020	8.4	9/04/2020	9/04/2020	100	Nil	7.2		35	Rainfall recommenced in the afternoon
B S5	Golding	BMD Basin	9/04/2020	11/04/2020	31.8	14/04/2020	16/04/2020	260	Nil	8.12		35	awaiting results
B S5	Golding	Castle	9/04/2020	11/04/2020	31.8	14/04/2020	16/04/2020	300	Nil	7.2		13	
B S5	Golding	Castle	N/A	N/A	-	N/A	23/04/2020		Nil	8.42		14.3	Discharged due to need for increased volume, no
C S6	BMD	SB14	1/04/2020	16/04/2020	36.6	N/A	17/04/2020	200	Nil	6.94	44.3		Discharged via watercarts
C S6	BMD	SB-CB	1/03/2020	21/03/2020	36.6	N/A	17/04/2020	80	Nil	8.05	25.7		Discharged via watercarts
D S10	Quickway	Lumleys Basin	23/02/2020	11/03/2020	80	N/A Self Flocking	14/04/2020	1000	Nil	7.9	16	35	