

Sediment Basin Water Monitoring - January 2019

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			Turbidity NTU Limit - Varies per Contractor	Comments
									Oil & Grease	pH	TSS		
									Nil	6.5 - 8.5	(mg/L) Limit ≤ 50 mg/L		
Portion A S3	SWC	TB60030	-	-	-	7/01/2019	9/01/2019	200	Nil	6.7	8	24	The basin was dewatered for decommissioning
Portion C S6	BMD Constructions	BMD-MC03	17/12/2018	23/12/2018	72.4	N/A	20/12/2018	200	Nil	6.62		30.2	TSS/Turbidity correlation approved
Portion C S6	BMD Constructions	SB-CB	17/12/2018	23/12/2018	72.4	N/A	19/12/2018	150	Nil	7.98		42.5	TSS/Turbidity correlation approved
Portion C S6	BMD Constructions	SB-CB	17/12/2018	23/12/2018	72.4	N/A	20/12/2018	100	Nil	8.33		46.2	TSS/Turbidity correlation approved
Portion C S6	BMD Constructions	SB-CB	17/12/2018	23/12/2018	72.4	N/A	24/12/2018	200	Nil	7.44		44.9	TSS/Turbidity correlation approved
Portion C S6	BMD Constructions	BMD-SB03	17/12/2018	23/12/2018	72.4	N/A	24/12/2018	200	Nil	6.56		12.4	TSS/Turbidity correlation approved
Portion C S6	BMD Constructions	BMD-SB11	N/A	N/A	N/A	N/A	7/01/2019	100	Nil	6.62		3.2	Dewatered below SSZ for permanent works.