

Sediment Basin Water Monitoring - June 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				Comments
									Oil & Grease Nil	pH 6.5 - 8.5	TSS (mg/L)	Turbidity NTU	
									Nil	6.5 - 8.5	Limit ≤ 50 mg/L	Limit - Varies per Contractor	
A S3	Seymour Whyte	59350	8/06/2019	9/06/2019	9.8	11/06/2019	12/6/2019	200	Nil	8.3	10	30	
A S3	Seymour Whyte	52680	8/06/2019	9/06/2019	8.4	12/06/2019	13/6/2019	200	Nil	8.2	9	30	
A S3	Seymour Whyte	54660	-	-	-	16/06/2019	17/6/2019	250	Nil	7.9	7	24	dewatered to increase basin capacity
A S3	Seymour Whyte	55110	-	-	-	16/06/2019	17/6/2019	400	Nil	7.9	5	24	dewatered to increase basin capacity
A S3	Seymour Whyte	62150	15/06/2019	16/06/2019	8.2	17/06/2019	17/6/2019	520	Nil	8	7	24	
A S3	Seymour Whyte	42500	19/06/2019	19/06/2019	8.6	19/06/2019	19/6/2019	400	Nil	8.4	14	35	
A S3	Seymour Whyte	62150	15/06/2019	18/06/2019	9.4	19/06/2019	19/6/2019	450	Nil	8.1	4	24	
A S3	Seymour Whyte	62150	15/06/2019	18/06/2019	9.4	19/06/2019	19/6/2019	400	Nil	8.3	5	24	
A S3	Seymour Whyte	52680	24/06/2019	25/06/2019	26.6	26/06/2019	26/6/2019	600	Nil	8.4	13	24	
A S3	Seymour Whyte	54660	24/06/2019	25/06/2019	26.6	26/06/2019	26/6/2019	600	Nil	8.2	38	40	
A S3	Seymour Whyte	55110	24/06/2019	25/06/2019	26.6	26/06/2019	26/6/2019	700	Nil	8.2	40	30	
A S3	Seymour Whyte	62150	24/06/2019	25/06/2019	23.0	26/06/2019	26/6/2019	550	Nil	8.3	4	24	
A S3	Seymour Whyte	67940	24/06/2019	25/06/2019	26.0	26/06/2019	26/6/2019	400	Nil	7.4	6	24	
A S3	Seymour Whyte	68700	24/06/2019	25/06/2019	26.0	26/06/2019	26/6/2019	300	Nil	7.9	6	24	
A S3	Seymour Whyte	60780	24/06/2019	25/06/2019	26.0	26/06/2019	26/6/2019	500	Nil	8.3	15	30	
A S3	Seymour Whyte	62150	24/06/2019	26/06/2019	24.0	27/06/2019	27/6/2019	500	Nil	8.4	20	24	
A S3	Seymour Whyte	65570	24/06/2019	26/06/2019	33.4	27/06/2019	27/6/2019	350	Nil	7.4	15	35	
A S3	Seymour Whyte	65570	24/06/2019	27/06/2019	39.8	27/06/2019	28/6/2019	400	Nil	7.4	6	24	
A S4	BGC	SB 77500 E	15/06/2019	18/06/2019	0.0	19/06/2019	20/6/2019	294	Nil	7.8		35	
A S4	BGC	SB 78450 W	15/06/2019	18/06/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 78400 E	15/06/2019	18/06/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 77120	15/06/2019	18/06/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 75200 W	15/06/2019	18/06/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 75500	15/06/2019	18/06/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 69620	15/06/2019	16/06/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 68910	15/06/2019	16/06/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 69610 W	15/06/2019	16/06/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 69052	15/06/2019	16/06/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 77500 W	15/06/2019	18/06/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
D S10 & S11	LendLease	Lumleys Basin CH152200	13/05/2019	14/05/2019	7.0	N/A	15/5/2019	3200	Nil	7.9	6	5.11	
D S10 & S11	LendLease	Gibsons Quarry CH148450	16/05/2019	20/05/2019	19.2	N/A	20/5/2019	1800	Nil	8	10	16.16	This area is an internal floor of a quarry.
D S10 & S11	LendLease	Lumleys Basin CH152200	16/05/2019	20/05/2019	33.6	N/A	23/5/2019	3200	Nil	8.3	21	29.4	
D S10 & S11	LendLease	Gibsons Quarry CH148450	20/05/2019	23/05/2019	7.6	N/A	23/5/2019	1800	Nil	8.4	9	17.77	This area is an internal floor of a quarry.
D S10 & S11	LendLease	Gibsons Quarry CH148450	24/05/2019	25/05/2019	16.4	N/A	28/5/2019	1800	Nil	8.4	10	21	This area is an internal floor of a quarry.
D S10 & S11	LendLease	Gibsons Quarry CH148450	2/06/2019	3/06/2019	28.2	N/A	4/6/2019	1800	Nil	8	8	20.5	This area is an internal floor of a quarry.