

## Sediment Basin Water Monitoring - May 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	
A S3	Seymour Whyte	34750	1/05/2019	10/05/2019	15.4	1/05/2019	01-May-19	800	Nil	8.4	10	30	
A S3	Seymour Whyte	67940	1/05/2019	8/05/2019	6.2	2/05/2019	02-May-19	100	Nil	7.6	2	24	dewatered to increase basin capacity
A S3	Seymour Whyte	34750	1/05/2019	10/05/2019	15.4	3/05/2019	03-May-19	600	Nil	8.4	20	30	
A S3	Seymour Whyte	48000	1/05/2019	8/05/2019	6.8	2/05/2019	06-May-19	150	Nil	8	4	24	
A S3	Seymour Whyte	48010	1/05/2019	8/05/2019	6.8	2/05/2019	06-May-19	100	Nil	7.9	7	12	
A S3	Seymour Whyte	48610	1/05/2019	8/05/2019	6.8	2/05/2019	06-May-19	180	Nil	7.5	6	15	
A S3	Seymour Whyte	62150	1/05/2019	8/05/2019	6.2	3/05/2019	07-May-19	150	Nil	8.3	9	10	
A S3	Seymour Whyte	47020	1/05/2019	8/05/2019	6.8	3/05/2019	08-May-19	90	Nil	7.9	8	15	
A S3	Seymour Whyte	48010	1/05/2019	8/05/2019	6.8	3/05/2019	08-May-19	150	Nil	7.8	15	20	
A S3	Seymour Whyte	47340	1/05/2019	8/05/2019	6.8	3/05/2019	09-May-19	220	Nil	7.4	<1	7	
A S3	Seymour Whyte	51480	1/05/2019	8/05/2019	6.8	3/05/2019	09-May-19	180	Nil	7.9	3	15	
A S3	Seymour Whyte	34750	1/05/2019	8/05/2019	15.4	7/05/2019	10-May-19	600	Nil	8.3	16	20	
A S3	Seymour Whyte	34750	13/05/2019	20/05/2019	31.6	13/05/2019	17-May-19	800	Nil	7.9	18	30	
A S3	Seymour Whyte	42690	13/05/2019	20/05/2019	31.6	13/05/2019	17-May-19	200	Nil	7.8	20	24	
A S3	Seymour Whyte	43490	13/05/2019	20/05/2019	31.6	13/05/2019	17-May-19	250	Nil	8	14	40	
A S3	Seymour Whyte	44200	16/05/2019	20/05/2019	19.4	16/05/2019	17-May-19	200	Nil	8.3	17	35	
A S3	Seymour Whyte	56880	13/05/2019	17/05/2019	19.4	16/05/2019	17-May-19	800	Nil	7.4	11	24	
A S3	Seymour Whyte	60780	13/05/2019	17/05/2019	19.4	16/05/2019	17-May-19	500	Nil	7.8	18	30	
A S3	Seymour Whyte	65570	13/05/2019	17/05/2019	23.6	17/05/2019	17-May-19	200	Nil	6.8	1	24	
A S3	Seymour Whyte	55110	13/05/2019	17/05/2019	29.4	18/05/2019	18-May-19	1000	Nil	7.9	18	30	
A S3	Seymour Whyte	59350	13/05/2019	17/05/2019	19.4	17/05/2019	18-May-19	300	Nil	8.5	14	40	
A S3	Seymour Whyte	36510	13/05/2019	20/05/2019	31.6	13/05/2019	20-May-19	250	Nil	8.2	2	15	
A S3	Seymour Whyte	37020	13/05/2019	20/05/2019	31.6	13/05/2019	20-May-19	200	Nil	8	8	24	
A S3	Seymour Whyte	37370	13/05/2019	20/05/2019	31.6	13/05/2019	20-May-19	300	Nil	7.8	9	24	
A S3	Seymour Whyte	42500	16/05/2019	20/05/2019	19.4	16/05/2019	20-May-19	100	Nil	7.1	12	24	
A S3	Seymour Whyte	44340	16/05/2019	20/05/2019	19.4	16/05/2019	20-May-19	180	Nil	8.1	10	24	
A S3	Seymour Whyte	44470	16/05/2019	20/05/2019	19.4	16/05/2019	20-May-19	100	Nil	7.9	6	27	
A S3	Seymour Whyte	52680	13/05/2019	17/05/2019	29.4	18/05/2019	20-May-19	500	Nil	8	13	24	
A S3	Seymour Whyte	54660	13/05/2019	17/05/2019	29.4	18/05/2019	20-May-19	700	Nil	7.8	15	30	
A S3	Seymour Whyte	55110	13/05/2019	17/05/2019	29.4	20/05/2019	20-May-19	600	Nil	8.1	4	24	
A S3	Seymour Whyte	68700	13/05/2019	17/05/2019	23.6	18/05/2019	20-May-19	100	Nil	8.3	2	24	
A S3	Seymour Whyte	37620	13/05/2019	20/05/2019	31.6	15/05/2019	21-May-19	150	Nil	7.6	9	15	
A S3	Seymour Whyte	54660	13/05/2019	17/05/2019	29.4	18/05/2019	21-May-19	100	Nil	7.8	17	30	
A S3	Seymour Whyte	56880	13/05/2019	17/05/2019	29.4	20/05/2019	21-May-19	600	Nil	7.9	5	24	
A S3	Seymour Whyte	63890	13/05/2019	17/05/2019	23.6	20/05/2019	21-May-19	200	Nil	7.7	7	24	
A S3	Seymour Whyte	54660	13/05/2019	17/05/2019	29.4	18/05/2019	22-May-19	300	Nil	7.8	4	24	
A S3	Seymour Whyte	63890	13/05/2019	17/05/2019	23.6	20/05/2019	22-May-19	200	Nil	7.7	14	30	
A S4	BGC	SB 77120	20/04/2019	27/04/2019	0.1	29/04/2019	29-Apr-19	1300	Nil	7.44	29	43.6	Lab Results for TSS from previous month.
A S4	BGC	SB 77500E	20/04/2019	27/04/2019	0.1	29/04/2019	29-Apr-19	290	Nil	7.48	40	30.1	Lab Results for TSS from previous month.
A S4	BGC	SB 77500 E	17/05/2019	18/05/2019	0.0	20/05/2019	20-May-19	295	Nil	7.6	22	67.9	TSS lab result from EAL
A S4	BGC	SB 77120	17/05/2019	18/05/2019	0.0	21/05/2019	21-May-19	1364	Nil	6.8		44.4	
A S4	BGC	SB 75200 W	17/05/2019	18/05/2019	0.0	17/05/2019	21-May-19	448	Nil	8.36		34.5	
A S4	BGC	SB 78450 W	17/05/2019	18/05/2019	0.0	20/05/2019	N/A	N/A	N/A	N/A	N/A	N/A	Pumped to watercart
A S4	BGC	SB 78400 E	17/05/2019	18/05/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 77500 W	17/05/2019	18/05/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 75500	17/05/2019	18/05/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 69620	16/05/2019	18/05/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 68910	16/05/2019	18/05/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 69610 W	16/05/2019	18/05/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
A S4	BGC	SB 69052	16/05/2019	18/05/2019	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Basin compliant
B S5	Golding	SB96100S	12/04/2019	2/05/2019	60.8	2/05/2019	03-May-19	360	Nil	7.09	6.6	12	basin to be deslotted
B S5	Golding	Garrett ASSTA (IEB03)	12/04/2019	2/05/2019	60.8	2/05/2019	03-May-19	200	Nil	7.54		3.8	basin to be removed from licence and replaced
B S5	Golding	Garrett ASSTA (IEB03)	2/05/2019	6/05/2019	4.4	2/05/2019	08-May-19	60	Nil	7.53		3.8	minor refill over the weekend with 4.4mL to
D S10	Lend Lease	Gibsons Quarry CH148450	10/04/2019	26/04/2019	10.4	N/A	12-Apr-19	1800	Nil	8.4	28	44	This area is an internal floor of a quarry.
D S10	Lend Lease	Gibsons Quarry CH148450	10/04/2019	26/04/2019	19.6	N/A	13-Apr-19	1800	Nil	8.3	7	19.7	This area is an internal floor of a quarry.
D S10	Lend Lease	Lumleys Basin CH152200	10/04/2019	26/04/2019	23.6	N/A	13-Apr-19	3600	Nil	8.3	26	41	
D S10	Lend Lease	Gibsons Quarry CH148450	10/04/2019	26/04/2019	21.0	N/A	15-Apr-19	1800	Nil	8.4	11	33.7	This area is an internal floor of a quarry.
D S10	Lend Lease	Lumleys Basin CH152200	10/04/2019	26/04/2019	26.2	N/A	16-Apr-19	3600	Nil	8.1	22	24.2	
D S10	Lend Lease	Gibsons Quarry CH148450	10/04/2019	26/04/2019	29.0	N/A	16-Apr-19	1800	Nil	8.4	30	36.6	This area is an internal floor of a quarry.
D S10	Lend Lease	Gibsons Quarry CH148450	10/04/2019	26/04/2019	61.8	N/A	23-Apr-19	1800	Nil	6.8	4	10.48	This area is an internal floor of a quarry.
D S10	Lend Lease	Gibsons Quarry CH148450	10/04/2019	26/04/2019	64.8	N/A	24-Apr-19	1800	Nil	7.4	14	16.3	This area is an internal floor of a quarry.
D S10	Lend Lease	Gibsons Quarry CH148450	10/04/2019	26/04/2019	69.8	N/A	26-Apr-19	1800	Nil	7.5	3	6.44	This area is an internal floor of a quarry.
D S10	Lend Lease	Gibsons Quarry CH148450	3/05/2019	6/05/2019	69.8	N/A	03-May-19	1800	Nil	7.8	18	25.2	This area is an internal floor of a quarry.
D S10	Lend Lease	Gibsons Quarry CH148450	3/05/2019	6/05/2019	4.2	N/A	06-May-19	1800	Nil	7.9	15	21.5	This area is an internal floor of a quarry.
D S10	Lend Lease	Gibsons Quarry CH148450	7/05/2019	8/05/2019	0.2	N/A	07-May-19	1800	Nil	7.8	34	31.9	This area is an internal floor of a quarry.