

## Sediment Basin Water Monitoring - March 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 - Varies per Contractor	Comments
									Oil & Grease Nil	pH 6.5 - 8.5	TSS (mg/L)		
									Nil	6.5 - 8.5	Limit ≤ 50 mg/L		
A S3	Seymour Whyte	PB-054660-N	21/02/2019	26/02/2019	41.2	28/02/2019	01-Mar-19	300	Nil	6.9	1	24	
A S3	Seymour Whyte	TB-067340-N	21/02/2019	26/02/2019	30.0	1/03/2019	01-Mar-19	50	Nil	8.5	2	25	
A S3	Seymour Whyte	PB-054660-N	21/02/2019	3/03/2019	49.0	4/03/2019	04-Mar-19	200	Nil	7	2	24	
A S3	Seymour Whyte	TB-059350-N	21/02/2019	4/03/2019	48.4	3/03/2019	04-Mar-19	400	Nil	8.4	12	45	
A S3	Seymour Whyte	TB-059350-N	21/02/2019	5/03/2019	49.4	3/03/2019	05-Mar-19	300	Nil	7.8	16	40	
A S3	Seymour Whyte	PB-052680-N	21/02/2019	8/03/2019	58.6	10/03/2019	11-Mar-19	200	Nil	7.6	6	30	
A S3	Seymour Whyte	TB-059350-N	21/02/2019	8/03/2019	54.4	12/03/2019	13-Mar-19	50	Nil	7.9	13	45	
A S3	Seymour Whyte	TB-060780-N	16/03/2019	17/03/2019	53.8	18/03/2019	18-Mar-19	800	Nil	8.2	7	24	
A S3	Seymour Whyte	TB-063890-N	16/03/2019	17/03/2019	53.8	18/03/2019	18-Mar-19	500	Nil	6.8	9	30	
A S3	Seymour Whyte	TB-067080-N	16/03/2019	17/03/2019	64.8	18/03/2019	18-Mar-19	800	Nil	6.9	6	30	
A S3	Seymour Whyte	PB-054660-N	16/03/2019	17/03/2019	23.0	18/03/2019	19-Mar-19	400	Nil	7.5	9	24	
A S3	Seymour Whyte	TB-059210-N	16/03/2019	17/03/2019	53.8	19/03/2019	19-Mar-19	200	Nil	8	5	24	
A S3	Seymour Whyte	TB-059350-N	16/03/2019	17/03/2019	53.8	18/03/2019	19-Mar-19	500	Nil	8.4	9	24	
A S3	Seymour Whyte	TB-062150-N	16/03/2019	17/03/2019	53.8	19/03/2019	19-Mar-19	600	Nil	8.4	10	24	
A S3	Seymour Whyte	TB-067340-N	16/03/2019	17/03/2019	64.8	19/03/2019	19-Mar-19	450	Nil	6.7	1	24	
A S3	Seymour Whyte	TB-068090-N	16/03/2019	17/03/2019	64.8	19/03/2019	19-Mar-19	400	Nil	8	4	24	
A S3	Seymour Whyte	PB-068700-N	16/03/2019	17/03/2019	64.8	19/03/2019	19-Mar-19	400	Nil	7.5	10	24	
A S3	Seymour Whyte	PB-054660-N	16/03/2019	17/03/2019	23.0	18/03/2019	20-Mar-19	400	Nil	6.7	22	35	
A S3	Seymour Whyte	TB-063540-N	16/03/2019	17/03/2019	53.8	19/03/2019	20-Mar-19	400	Nil	7	17	24	
A S3	Seymour Whyte	TB-06570-N	16/03/2019	17/03/2019	64.8	20/03/2019	20-Mar-19	330	Nil	6.7	4	24	
A S3	Seymour Whyte	TB-067080-N	16/03/2019	17/03/2019	64.8	18/03/2019	20-Mar-19	250	Nil	6.9	19	35	
A S3	Seymour Whyte	TB-068090-N	16/03/2019	17/03/2019	64.8	19/03/2019	20-Mar-19	250	Nil	7	4	24	
A S3	Seymour Whyte	PB-054660-N	16/03/2019	20/03/2019	26.2	20/03/2019	21-Mar-19	100	Nil	7	15	35	
A S3	Seymour Whyte	TB-062150-N	16/03/2019	20/03/2019	61.0	21/03/2019	21-Mar-19	600	Nil	7.3	7	24	
A S3	Seymour Whyte	TB-065570-N	16/03/2019	20/03/2019	77.0	21/03/2019	21-Mar-19	300	Nil	7	1	24	
A S3	Seymour Whyte	TB-067340-N	16/03/2019	20/03/2019	77.0	21/03/2019	21-Mar-19	300	Nil	6.9	6	40	
A S3	Seymour Whyte	TB-067520-N	16/03/2019	20/03/2019	77.0	21/03/2019	21-Mar-19	400	Nil	6.8	4	24	
A S3	Seymour Whyte	TB-067340-N	16/03/2019	20/03/2019	77.0	21/03/2019	21-Mar-19	450	Nil	7	2	24	
A S3	Seymour Whyte	PB-068700-N	16/03/2019	20/03/2019	77.0	20/03/2019	21-Mar-19	400	Nil	7	1	24	
A S3	Seymour Whyte	TB-062150-N	16/03/2019	20/03/2019	61.0	21/03/2019	22-Mar-19	450	Nil	7.9	7	24	
A S3	Seymour Whyte	TB-065570-N	16/03/2019	20/03/2019	77.0	21/03/2019	22-Mar-19	150	Nil	7	3	24	
A S3	Seymour Whyte	TB-067520-N	16/03/2019	20/03/2019	77.0	21/03/2019	22-Mar-19	200	Nil	6.9	11	24	
A S3	Seymour Whyte	PB-067940-N	16/03/2019	20/03/2019	77.0	21/03/2019	22-Mar-19	300	Nil	6.5	2	24	
A S3	Seymour Whyte	TB-068090-N	16/03/2019	17/03/2019	64.8	19/03/2019	22-Mar-19	150	Nil	7	2	24	
A S3	Seymour Whyte	PB-068700-N	16/03/2019	17/03/2019	64.8	19/03/2019	22-Mar-19	150	Nil	6.8	9	24	
A S3	Seymour Whyte	PB-055110-N	16/03/2019	23/03/2019	31.0	25/03/2019	25-Mar-19	300	Nil	7.3	41	24	
A S3	Seymour Whyte	TB-062150-N	16/03/2019	23/03/2019	70.2	25/03/2019	25-Mar-19	200	Nil	8.4	13	24	
A S3	Seymour Whyte	TB-067520-N	16/03/2019	23/03/2019	78.4	25/03/2019	25-Mar-19	150	Nil	7.5	7	30	
A S3	Seymour Whyte	TB-068090-N	16/03/2019	23/03/2019	78.4	25/03/2019	25-Mar-19	100	Nil	7	1	24	
A S3	Seymour Whyte	TB-067080-N	16/03/2019	28/03/2019	81.6	28/03/2019	28-Mar-19	100	Nil	7.1	3	24	
A S3	Seymour Whyte	TB-051450-N	21/02/2019	26/02/2019	41.2	28/02/2019	01-Mar-19	200	Nil	8.2	6	40	
A S3	Seymour Whyte	PB-047020-N	16/03/2019	20/03/2019	26.2	19/03/2019	20-Mar-19	600	Nil	7.2	20	40	
A S3	Seymour Whyte	TB-048610-N	16/03/2019	20/03/2019	26.2	20/03/2019	21-Mar-19	100	Nil	7.6	9	10	
A S3	Seymour Whyte	PB-046000-N	16/03/2019	20/03/2019	26.2	20/03/2019	21-Mar-19	450	Nil	7.9	15	40	
A S3	Seymour Whyte	TB-048010-S	16/03/2019	20/03/2019	26.2	20/03/2019	21-Mar-19	550	Nil	7.7	32	40	
A S3	Seymour Whyte	TB-048780-N	16/03/2019	20/03/2019	26.2	20/03/2019	21-Mar-19	300	Nil	7.5	18	5	
A S3	Seymour Whyte	TB-051450-N	16/03/2019	20/03/2019	26.2	20/03/2019	22-Mar-19	50	Nil	7.1	6	10	
A S3	Seymour Whyte	PB-047340-N	16/03/2019	20/03/2019	31.2	24/03/2019	25-Mar-19	300	Nil	6.9	9	10	
A S3	Seymour Whyte	TB-064530-N	16/03/2019	28/03/2019	81.6								dewatered with water carts
A S3	Seymour Whyte	TB-062840-N	16/03/2019	23/03/2019	70.2								below design level
A S3	Seymour Whyte	PB-056880-N	16/03/2019	23/03/2019	70.2								dewatered with water carts
A S3	Seymour Whyte	PB-057010-N	16/03/2019	23/03/2019	70.2								dewatered with water carts
Portion A Section 4	BGC	SB 77120	8/03/2019	10/03/2019	0.0178	N/A	11/03/2019	1364	Nil	6.66	22	77.5	
Portion A Section 4	BGC	SB 77500 E	16/03/2019	18/03/2019	0.0406	N/A	18/03/2019	295	Nil	6.77	10	49.4	
Portion A Section 4	BGC	SB 77120	16/03/2019	18/03/2019	0.0406	N/A	18/03/2019	1364	Nil	6.92	5	44.6	
Portion A Section 4	BGC	SB 75500	16/03/2019	18/03/2019	0.0406	N/A	18/03/2019	1516	Nil	6.53	21	68.8	
Portion A Section 4	BGC	SB 77500 E	20/03/2019	21/03/2019	0.0304	N/A	20/03/2019	294.5	Nil	6.92	11	46.3	
Portion A Section 4	BGC	SB 76450	20/03/2019	21/03/2019	0.0304	N/A	20/03/2019	622	Nil	6.8		20	
Portion A Section 4	BGC	SB 77120	20/03/2019	21/03/2019	0.0304	N/A	21/03/2019	1364	Nil	6.83		37.7	
Portion A Section 4	BGC	SB 75200 W	20/03/2019	21/03/2019	0.0304	N/A	20/03/2019	448	Nil	7.5		77	
Portion A Section 4	BGC	SB 69620	20/03/2019	21/03/2019	0.023	N/A	21/03/2019	1184	Nil	7.3		42	
Portion A Section 4	BGC	SB 68910	20/03/2019	21/03/2019	0.023	N/A	21/03/2019	283	Nil	8.4		75	
Portion A Section 4	BGC	SB 69610 W	20/03/2019	21/03/2019	0.023	N/A	21/03/2019	397	Nil	6.9		45	
Portion B Section 5	Golding	SB96100S	21/02/2019	10/03/2019	115.4	15/03/2019	15/03/2019	250	NIL	7.73	15	22	Approximate volume discharged
Portion B Section 5	Golding	SB96100S	15/03/2019	18/03/2019	21.2	19/03/2019	20/03/2019	360	NIL	6.71	12.5		testing not required
Portion B Section 5	Golding	Old BMD Basin	15/03/2019	18/03/2019	21.2	19/03/2019	20/03/2019	300	NIL	7.2	25		testing not required
Portion C Section 6	BMD Constructions	BMD-SB03	14/03/2019	18/03/2019	61	N/A	15/03/2019	300	Nil	6.56	20	28.9	
Portion C Section 6	BMD Constructions	BMD-SB03	14/03/2019	18/03/2019	61	N/A	18/03/2019	400	Nil	6.70	20	43.4	
Portion C Section 6	BMD Constructions	BMD-MC01	14/03/2019	18/03/2019	61	N/A	20/03/2019	300	Nil	6.98		24.7	
Portion C Section 6	BMD Constructions	BMD-MC01	14/03/2019	18/03/2019	61	N/A	21/03/2019	300	Nil	7.02		23.1	
Portion C Section 6	BMD Constructions	BMD-SB08	14/03/2019	18/03/2019	61	N/A	25/03/2019	400	Nil	7.29		45.3	
Portion C Section 6	BMD Constructions	BMD-MC01	14/03/2019	18/03/2019	61	N/A	22/03/2019	150	Nil	6.97		25	
Portion C Section 6	BMD Constructions	BMD-MC01	14/03/2019	18/03/2019	61	N/A	21/03/2019	300	Nil	7.02		23.1	
Portion C Section 9	CPB	145000	22/02/2019	26/02/2019		N/A	28/02/2019	800		7.75	20		
Portion C Section 9	CPB	145000	22/02/2019	5/03/2019		N/A	06/03/2019	650		8.49	3		
Portion C Section 9	CPB	145000	15/03/2019	22/03/2019		N/A	26/03/2019	800		7.90	40		