

Water Discharge to Land Monitoring - March 2017

Monitoring Location: POINT 2 - Land Irrigation Areas

Wave/Portion	Contractor	Basin Name/ Number	Date of Discharge	Volume of Discharge (kL)	EPL water quality parameters		Comments
					Oil & Grease	pH	
Portion E	Pacifico Harwood	Sediment Basin 1	3/03/2017	300kL	Nil	8.1	Land Irrigation area approved . Irrigation undertaken for approximately 6 hrs.
Wave 1	Golding	Gate 6.3 sump, Ch 101,800	14/03/2017	approx 400 kL	Nil	6.89	
Wave 1	Golding	Gate 6.3 sump, Ch 101,800	17/03/2017	approx 600 kL	Nil	6.7	
Wave 1	Golding	Gate 6.3 sump, Ch 101,800	26/03/2017	approx 600 kL	Nil	6.87	

Water Discharge to Land Monitoring - April 2017

Monitoring Location: POINT 2 - Land Irrigation Areas

Wave/Portion	Contractor	Basin Name/ Number	Date of Discharge	Volume of Discharge (kL)	EPL water quality parameters		Comments
					Oil & Grease	pH	
					Nil	6.5 – 8.5	
B	BMD Constructions	Watts Lane Irrigation area	12/04/2017	3	Nil	7.52	
B	BMD Constructions	Watts Lane Irrigation area	13/04/2017	3	Nil	7.92	
B	BMD Constructions	Watts Lane Irrigation area	18/04/2017	5	Nil	7.55	
B	BMD Constructions	Watts Lane Irrigation area	19/04/2017	8	Nil	7.85	
B	BMD Constructions	Watts Lane Irrigation area	20/04/2017	9	Nil	8.15	
Wave 5a	Seymour Whyte	PB- 052680N	2/05/2017	903	Nil	6.64	
Wave 5a	Seymour Whyte	TB- 059210N	2/05/2017	568	Nil	6.54	
Wave 5a	Seymour Whyte	TB- 060030N	22/04/2017	343	Nil	6.85	
Wave 5a	Seymour Whyte	TB- 060780N	22/4/2017	807	Nil	6.61	
Wave 5a	Seymour Whyte	TB- 061750N	21/04/2017	818	Nil	6.76	
Wave 5a	Seymour Whyte	TB- 064530N	5/02/2017	1316	Nil	7	
Wave 5a	Seymour Whyte	TB- 050010N	5/01/2017	356	Nil	6.9	
Wave 5a	Seymour Whyte	TB- 050360N	5/01/2017	483	Nil	7	
Wave 5a	Seymour Whyte	TB- 051360N	5/02/2017	613	Nil	7	
Wave 5a	Seymour Whyte	TB- 051450N	5/02/2017	501	Nil	7.1	
Wave 4	SEE Civil	Glencoe Road South	6/04/2017	150	Nil	6.65	
Wave 4	SEE Civil	Glencoe Road South	7/04/2017	150	Nil	6.54	
Wave 4	SEE Civil	Glencoe Road South	8/04/2017	100	Nil	6.51	
Wave 4	SEE Civil	Glencoe Road North	6/04/2017	220	Nil	6.84	
Wave 4	SEE Civil	Glencoe Road North	7/04/2017	220	Nil	6.91	
Wave 4	SEE Civil	Glencoe Road North	8/04/2017	160	Nil	6.74	
Wave 4	SEE Civil	Darkys Road	6/04/2017	100	Nil	7.04	
Wave 4	SEE Civil	Darkys Road	7/04/2017	100	Nil	6.95	
Wave 4	SEE Civil	Darkys Road	8/04/2017	100	Nil	7.11	
Wave 4	SEE Civil	Rest Area	6/04/2017	150	Nil	7.55	
Wave 4	SEE Civil	Rest Area	7/04/2017	150	Nil	7.32	
Wave 4	SEE Civil	Rest Area	8/04/2017	150	Nil	7.14	
Wave 1	Golding	Gate 6.3 sump, Ch 101,800	6/04/2017	approx 300 kL	nil	7.2	
Wave 1	Golding	Gate 6.3 sump, Ch 101,800	7/04/2017	approx 200 kL	nil	8.34	
Wave 1	Golding	Gate 6.3 sump, Ch 101,800	8/04/2017	approx 600 kL	nil	7.89	
Wave 1	Golding	Gate 6.3 sump, Ch 101,800	10/04/2017	approx 150 kL	nil	7.98	

Wave 1	Golding	Gate 6.3 sump, Ch 101,800	11/04/2017	approx 150 kL	nil	7.9	
Wave 1	Golding	Gate 6.3 sump, Ch 101,800	12/04/2017	approx 500 kL	nil	7.89	
Wave 1	Golding	Gate 6.3 sump, Ch 101,800	13/04/2017	approx 200 kL	nil	7.77	
Wave 1	Golding	Gate 6.3 sump, Ch 101,800	18/04/2017	approx 100 kL	nil	7.92	
Portion C	SEECivil	Basin 1	26/04/2017	CH114550	Nil	6.85	
Portion C	SEECivil	Basin 2	26/04/2017	CH115060	Nil	6.91	

Water Discharge to Land Monitoring - June 2017

Monitoring Location: POINT 2 - Land Irrigation Areas

Wave/Portion	Contractor	Basin Name/ Number	Date of Discharge	Volume of Discharge (kL)	EPL water quality parameters		Comments
					Oil & Grease	pH	
Wave 5a	Seymour Whyte	TB- 038070N	24/06/2017	356	Nil	7.2	
Wave 5a	Seymour Whyte	TB- 038180N	24/06/2017	365	Nil	8.1	
Wave 5a	Seymour Whyte	PB- 052680N	20/06/2017	903	Nil	7.5	
Wave 5a	Seymour Whyte	TB- 053660N	20/06/2017	799	Nil	7.4	
Wave 5a	Seymour Whyte	TB- 053583N	20/06/2017	544	Nil	7.7	
Wave 5a	Seymour Whyte	TB- 057260N	19/06/2017	858	Nil	7.1	
Wave 5a	Seymour Whyte	TB- 059210N	20/06/2017	568	Nil	6.9	
Wave 5a	Seymour Whyte	TB- 059350N	20/06/2017	343	Nil	6.7	
Wave 5a	Seymour Whyte	TB- 060030N	21/06/2017	807	Nil	7.4	
Wave 5a	Seymour Whyte	TB- 061750N	23/06/2017	818	Nil	7	
WBSR / Portion C	SEE Civil	CH2750	20/06/2017	140	Nil	7.04	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH2750	21/06/2017	140	Nil	7.24	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH2750	22/06/2017	120	Nil	6.88	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH2750	23/06/2017	140	Nil	7.12	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH2750	24/06/2017	140	Nil	6.78	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH2750	26/06/2017	120	Nil	6.75	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH2750	27/06/2017	120	Nil	7.23	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH2750	28/06/2017	140	Nil	7.21	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH2750	29/06/2017	140	Nil	6.62	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH2750	30/06/2017	140	Nil	7.81	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH1800	20/06/2017	140	Nil	6.65	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH1800	21/06/2017	140	Nil	6.76	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH1800	22/06/2017	120	Nil	6.87	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH1800	23/06/2017	140	Nil	7.02	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH1800	24/06/2017	140	Nil	7.15	Water irrigated in accordance with EPL 20713 P1.8
WBSR / Portion C	SEE Civil	CH1800	26/06/2017	350	Nil	7.21	Water irrigated in accordance with EPL 20713 P1.8

Portion B	Davbridge	B10 South	14/06/2017	37	Nil	6.65	
Portion B	Davbridge	B10 North	15/06/2017	60	Nil	6.69	
Portion B	Davbridge	B10 North	16/06/2017	80	Nil	6.68	
Portion B	Davbridge	B10 South	16/06/2017	30	Nil	6.52	
Portion B	Davbridge	B10 North	17/06/2017	150	Nil	6.58	
Portion B	Davbridge	B10 South	17/06/2017	30	Nil	6.5	
Portion B	Davbridge	B10 North	18/06/2017	50	Nil	6.53	
Portion B	Davbridge	B10 North	19/06/2017	50	Nil	6.61	
Portion B	Davbridge	B10 North	20/06/2017	60	Nil	6.64	
Portion B	Davbridge	B10 North	29/06/2017	100	Nil	6.76	
Portion B	Davbridge	B10 South	29/06/2017	40	Nil	6.93	
Portion B	Davbridge	B10 South	30/06/2017	30	Nil	6.72	
Portion B	Davbridge	B10 North	30/06/2017	100	Nil	6.73	
Wave 1	Golding	Gate 6.3 table drain	14/06/2017	0.8	Nil	6.79	
Wave 1	Golding	Gate 6.3 table drain	26/06/2017	0.8	Nil	6.99	
Portion C	SEE Civil	CH114550	15/06/2017	Basin 1	Nil	7.88	
Portion C	SEE Civil	CH115060	15/06/2017	Basin 2	Nil	7.12	
Portion C	SEE Civil	CH114550	17/06/2017	Basin 1	Nil	7.56	
Portion C	SEE Civil	CH115060	17/06/2017	Basin 2	Nil	7.23	
Portion C	SEE Civil	CH114550	19/06/2017	Basin 1	Nil	7.75	
Portion C	SEE Civil	CH115060	19/06/2017	Basin 2	Nil	7.18	
Portion C	SEE Civil	CH114550	20/06/2017	Basin 1	Nil	7.61	
Portion C	SEE Civil	CH115060	20/06/2017	Basin 2	Nil	7.24	

Water Discharge to Land Monitoring - July 2017

Monitoring Location: POINT 2 - Land Irrigation Areas

Wave/Portion	Contractor	Basin Name/ Number	Date of Discharge	Volume of Discharge (kL)	EPL water quality parameters		Comments
					Oil & Grease	pH	
Portion B	Davbridge	B10 South	5/07/2017	32	Nil	6.6	None
Portion B	Davbridge	B10 North	5/07/2017	30	Nil	6.6	None
Portion B	Davbridge	B10 South	16/07/2017	15	Nil	6.8	None
Portion B	Davbridge	B10 South	17/07/2017	15	Nil	6.87	None
Wave 1	Golding	Gate 6.3 table drain	1/07/2017	3	Nil	7.19	

Water Discharge to Land Monitoring - October 2017

Monitoring Location: POINT 2 - Land Irrigation Areas

Wave/Portion	Contractor	Basin Name/ Number	Date of Discharge	Volume of Discharge (kL)	EPL water quality parameters		Comments
					Oil & Grease	pH	
					Nil	6.5 – 8.5	
A	SWC	TB53660	20/10/2017	1000	Nil	6.7	
B	Davbridge	B10 North Basin	18/10/2017	40	Nil	6.91	Lime dosing applied to obtain discharge pH of 6.91 from 5.56
B	Davbridge	B10 North Basin	19/10/2017	30	Nil	6.54	Lime dosing applied to obtain discharge pH of 6.54 from 6.07
B	Davbridge	B10 South Basin	19/10/2017	30	Nil	6.77	
B	Davbridge	B10 North Basin	26/10/2017	40	Nil	6.65	
B	Davbridge	B10 North Basin	27/10/2017	40	Nil	6.98	
Portion C	SEE Civil	Basin 1	13/10/2017	CH114550	Nil	7.05	
Portion C	SEE Civil	Basin 2	13/10/2017	CH115060	Nil	6.67	
Portion C	SEE Civil	Basin 1	14/10/2017	CH114550	Nil	7.25	
Portion C	SEE Civil	Basin 2	14/10/2017	CH115060	Nil	6.96	
Portion C	SEE Civil	Basin 1	16/10/2017	CH114550	Nil	7.31	
Portion C	SEE Civil	Basin 2	16/10/2017	CH115060	Nil	6.76	
Portion C	SEE Civil	Basin 1	17/10/2017	CH114550	Nil	7.29	
Portion C	SEE Civil	Basin 2	17/10/2017	CH115060	Nil	6.85	
Portion C	SEE Civil	Basin 1	18/10/2017	CH114550	Nil	7.29	
Portion C	SEE Civil	Basin 2	18/10/2017	CH115060	Nil	6.94	
Portion C	SEE Civil	Basin 1	19/10/2017	CH114550	Nil	7.41	
Portion C	SEE Civil	Basin 2	19/10/2017	CH115060	Nil	6.75	

Water Discharge to Land Monitoring - November 2017

Monitoring Location: POINT 2 - Land Irrigation Areas

Wave/Portion	Contractor	Basin Name/ Number	Date of Discharge	Volume of Discharge (kL)	EPL water quality parameters		Comments
					Oil & Grease	pH	
					Nil	6.5 – 8.5	
WBSR/Portion C	SEE Civil	Broadwater National Park	15/11/2017	200	Nil	7.59	Water irrigated in accordance with approved EWMS
WBSR/Portion C	SEE Civil	Broadwater National Park	16/11/2017	190	Nil	8.42	Water irrigated in accordance with approved EWMS
WBSR/Portion C	SEE Civil	Broadwater National Park	17/11/2017	210	Nil	7.78	Water irrigated in accordance with approved EWMS
A	SWC	TB 64530	3/11/2017	200	Nil	7.5	
A	SWC	Bostock Abutment	3/11/2017	400	Nil	7.2	
A	SWC	TB53660	6/11/2017	200	Nil	7.3	
A	SWC	TB53660	8/11/2017	60	Nil	7.2	
A	SWC	TB593580	9/11/2017	100	Nil	7	Lime added 9/11/2017. Alkalisied up from 5.0pH
Portion B	BMD	MCA01	14/11/2017	200	Nil	8.1	Water cart - dust supression
Portion B	BMD	MCA01	15/11/2017	100	Nil	8.03	Water cart - dust supression
Portion B	BMD	MCA01	17/11/2017	78	Nil	8.21	Water cart - dust supression
Portion B	BMD	MCA01	23/11/2017	80	Nil	8.03	Water cart - dust supression
Portion B	BMD	MC02	2/11/2017	Not provided	Nil	7.4	Water cart - dust supression
Portion B	BMD	MC01	23/11/2017	304	Nil	7.78	Water cart - dust supression
Portion B	BMD	MC01	20/11/2017	230	Nil	7.75	Water cart - dust supression
Portion B	BMD	MC01	17/11/2017	230	Nil	7.07	Water cart - dust supression
Portion B	BMD	IEB03	16/11/2017	20	Nil	6.53	Water cart - dust supression
Portion B	BMD	MC03	23/11/2017	290	Nil	7.2	Water cart - dust supression
Portion B, Section 6	Davbridge	B10 South	4/11/2017	30	Nil	6.77	
Portion B, Section 6	Davbridge	B10 North	6/11/2017	40	Nil	6.83	
Portion B, Section 6	Davbridge	B10 North	7/11/2017	40	Nil	6.7	
Portion B, Section 6	Davbridge	B10 south	8/11/2017	20	Nil	6.53	
Portion B, Section 6	Davbridge	B10 South	9/11/2017	30	Nil	6.81	

Water Discharge to Land Monitoring - December 2017

Monitoring Location: POINT 2 - Land Irrigation Areas

Wave/Portion	Contractor	Basin Name/ Number	Date of Discharge	Volume of Discharge (kL)	EPL water quality parameters		Comments
					Oil & Grease	pH	
					Nil	6.5 – 8.5	
Portion A Section 3 & 4	BMD	N/A, water ponding at A21	4/12/2017	12	Nil	6.74	Nil basins within work areas
Portion A Section 3 & 4	BMD	N/A, water ponding at A21	22/12/2017	15	Nil	8.29	Nil basins within work areas
Portion A Section 3	SWC	Culvert A126	11/12/2017	30	Nil	7.8	Released into nearby basin spillway
Portion C	CPB	IRRIGATION BASIN #2	23/11/2017	420	Nil	7.6	
Portion C	CPB	IRRIGATION BASIN #1	24/11/2017	550	Nil	6.9	
Portion C	CPB	IRRIGATION BASIN #1	6/12/2017	420	Nil	6.8	
Portion B	Davbridge	B10 South	6/12/2017	30	Nil	6.94	
Portion B	Davbridge	B10 North	6/12/2017	40	Nil	6.94	
Portion B	Davbridge	B10 North	11/12/2017	40	Nil	7.8	
Portion B	Davbridge	B10 South	11/12/2017	30	Nil	7	
Portion B	Davbridge	B10 North	12/12/2017	45	Nil	6.94	
Portion B	Davbridge	B10 North	28/12/2017	45	Nil	6.93	
Portion B	Davbridge	B10 South	29/12/2017	30	Nil	6.99	
Portion B	LLE	Cut 3	7/12/2017	120	NIL	6.98	Discharge to Land