

DATA MONITORING - WATER FOR 2018-2019 REPORTING PERIOD

Plant 1 – Horsley Park

DISCHARGE LOCATION	DATE	SUSPENDED SOILDS (mg/L)	TURBIDITY (NTU)	CONDUCTIVITY (us/cm)	pH	OIL & GREASE (mg/L)
Point 1	31/10/2018	7	8.5	790	7	2
Point 1	06/11/2018	16	17	710	7.2	<2
Point 1	07/11/2018	10	9.4	720	7.2	<2
Point 1	12/11/2018	8	13	730	7.4	<2
Point 1	13/11/2018	5	15	750	7.3	4
Point 1	19/11/2018	12	10	790	9.5	8
Point 1	21/11/2018	22	50	710	7.7	4
Point 1	21/11/2018	45	7.2	760	10.5	5
Point 1	30/11/2018	10	23	700	7.2	4
Point 1	03/12/2018	30	5	760	10.4	3
Point 1	04/12/2018	17	4.1	700	9.6	2
Point 1	11/12/2018	19	9.4	630	9.7	2
Plant 1 overflow	14/12/2018	1850	2800	450	7.5	3
Point 1	14/12/2018	8	11	600	6.7	<2
Point 1	17/12/2018	7	10	620	7	<2
Point 1	18/12/2018	4	10	600	7	<2
Point 1	19/12/2018	7	5.4	640	6.9	<2
Point 1	20/12/2018	42	11	610	8.6	4
Point 1	21/12/2018	98	40	600	8.3	3
Point 1	24/12/2018	5	22	570	7.4	4
Point 1	27/12/2018	4	21	580	7.4	2
Point 1	28/12/2018	8	23	580	7.3	<2
Point 1	29/12/2018	11	15	610	7	<2
Point 1	31/12/2018	12	16	600	6.9	5
Point 1	02/01/2019	<2	21	560	7.3	3

Point 1	03/01/2019	14	18	600	7	<2
Point 1	04/01/2019	24	36	670	7.3	<2
Point 1	07/01/2019	3	22	570	7.3	<2
Point 1	09/01/2019	8	23	570	7.3	<2
Point 1	10/01/2019	4	22	560	7.3	4
Point 1	11/01/2019	15	19	600	7	<2
Point 1	15/01/2019	4	22	560	7.3	<2
Point 1	06/02/2019	9	9.5	690	7.5	5
Point 1	07/02/2019	7	5.9	710	7.4	6
Point 1	08/02/2019	24	40	660	7.4	6
Point 1	09/02/2019	8	12	690	7.4	3
Point 1	11/02/2019	17	21	630	7.3	6
Point 1	12/02/2019	16	20	640	7.3	7
Point 1	13/02/2019	37	45	610	7.3	4
Point 1	14/02/2019	14	20	650	7.4	2
Point 1	15/02/2019	16	16	640	7.4	8
Point 1	16/02/2019	<2	1.8	650	7.7	<2
Point 1	18/02/2019	<2	6.3	640	7.5	<2
Point 1	19/02/2019	140	16	640	7.3	2
Point 1 – overflow	18/03/2019	86	780	430	7.4	3
Point 1	18/03/2019	2	50	580	7.2	<2
Point 1	19/03/2019	26	21	670	7.1	<2
Point 1	20/03/2019	16	18	660	7.1	3
Point 1	21/03/2019	10	16	670	7.1	3
Point 1	22/03/2019	<2	30	580	7.0	4
Point 1	25/03/2019	2	31	580	6.9	4
Point 1	26/03/2019	8	50	580	6.8	<2
Point 1	27/03/2019	<2	33	590	6.9	4
Point 1	28/03/2019	<2	27	580	6.8	6
Point 1	29/03/2019	<2	30	580	6.8	<2
Point 1	30/3/2019	28	85	540	6.7	<2

Point 1	01/04/2019	35	90	540	6.8	<2
Point 1	03/04/2019	23	90	540	6.8	<2
Point 1	04/04/2019	34	160	580	6.8	<2
Point 1	05/04/2019	34	90	540	6.8	2
Point 1	06/04/2019	27	85	530	6.8	<2
Point 1	08/04/2019	<2	1.4	640	7.1	3
Point 1	09/04/2019	5	45	580	7.0	<2
Point 1	17/09/2019	30	20	260	7.6	3
Point 1	18/09/2019	16	15	270	8.8	2
Point 1	19/09/2019	2	22	580	8.4	<2
Point 1	23/09/2019	5	7.6	560	9.3	<2
Point 1	24/09/2019	7	30	640	8.0	2
Point 1	01/10/2019	48	50	710	7.7	3
Point 1	02/10/2019	26	40	620	7.6	<2
Point 1	03/10/2019	7	7.4	575	7.6	<2
Point 1	04/10/2019	<2	3.0	5795	7.4	<2
Point 1	08/10/2019	7	45	550	7.7	<2
Point 1	09/10/2019	10	40	670	8.0	<2
Point 1	10/10/2019	12	38	6650	7.8	3
Point 1	11/10/2019	10	40	680	7.8	<2
Point 1	15/10/2019	15	45	680	7.7	<2
Point 1	17/10/2019	12	45	685	7.7	<2

Plant 2 – Horsley Park

DISCHARGE LOCATION	DATE	SUSPENDED SOILDS (mg/L)	TURBIDITY (NTU)	CONDUCTIVITY (us/cm)	pH	OIL & GREASE (mg/L)
Plant 2 overflow	14/12/2018	150	1300	610	7.6	2
Plant 2 overflow	1803/2019	140	2500	680	7.7	<2

Plant 3 – Horsley Park

DISCHARGE LOCATION	DATE	SUSPENDED SOILDS (mg/L)	TURBIDITY (NTU)	CONDUCTIVITY (us/cm)	pH	OIL & GREASE (mg/L)
Point 3	16/11/2018	2	13	2060	7.9	2
Point 3	04/01/2019	14	40	1230	8	<2
Point 3	10/01/2019	15	50	1150	7.8	3
Point 3	11/01/2019	12	30	1420	8.2	<2
Point 3	16/01/2019	8	50	1170	8.1	<2
Point 3	18/01/2019	9	60	1180	8.2	4
Point 3	01/02/2019	14	70	1080	7.8	<2
Point 3	04/01/2019	14	40	1230	8.0	<2
Point 3	10/01/2019	15	50	1150	7.8	3
Point 3	11/01/2019	12	30	1420	8.2	<2
Point 3	16/01/2019	8	50	1170	8.1	<2
Point 3	18/01/2019	9	60	1180	8.2	4
Point 3	01/02/2019	14	70	1080	7.8	<2
Point 3	23/10/2019	10	75	1140	8.3	<2
Point 3	27/10/2019	2	40	1080	8.0	<2