

**DATA MONITORING - WATER FOR 2014-2015 REPORTING PERIOD**

**Plant 1 – Horsley Park**

		Date Sample Taken- 06/05/2015  Date Results Finalised- 15/05/2015	Date Sample Taken- 17/07/15  Date Results Finalised- 28/08/2015	Date Sample Taken- 20/07/15  Date Results Finalised- 28/08/2015	Date Sample Taken- 21/07/15  Date Results Finalised- 28/08/2015	Date Sample Taken- 22/07/15  Date Results Finalised- 28/08/2015
<u>Pollutant</u>	<u>Limits as per license</u>	Concentration	Concentration	Concentration	Concentration	Concentration
pH	6.5-8.5	6.1	8.2	8.1	8.3	8.3
Suspended Soils (mg/L)	50	14	2	<2	6	<2
Turbidity (NTU)	150	150	4.8	5.0	4.7	4.4
Total Grease (Soxhlet) (mg/L)	10	2	5	<2	<2	<2
Conductivity (uS/cm)	-	420	760	750	750	740

		Date Sample Taken- 23/07/15	Date Sample Taken- 27/07/15	Date Sample Taken- 28/07/15	Date Sample Taken- 29/07/15	Date Sample Taken- 30/07/15	Date Sample Taken- 31/07/15
		Date Results Finalised- 28/08/2015	Date Results Finalised- 28/08/2015	Date Results Finalised- 28/08/2015	Date Results Finalised- 28/08/2015	Date Results Finalised- 28/08/2015	Date Results Finalised- 28/08/2015
<u>Pollutant</u>	<u>Limits as per license</u>	Concentration	Concentration	Concentration	Concentration	Concentration	Concentration
pH	6.5-8.5	8.2	8.2	8.3	8.1	8.2	8.2
Suspended Soils (mg/L)	50	2	2	<2	<2	2	<2
Turbidity (NTU)	150	4.3	4.3	4.5	4.5	4.4	4.6
Total Grease (Soxhlet) (mg/L)	10	<2	<2	<2	3	<2	<2
Conductivity (uS/cm)	-	730	730	720	730	730	740

		Date Sample Taken- 03/08/15	Date Sample Taken- 04/08/15	Date Sample Taken- 05/08/15	Date Sample Taken- 06/08/15	Date Sample Taken- 07/08/15	Date Sample Taken- 26/08/2015
		Date Results Finalised- 28/08/2015	Date Results Finalised- 28/08/2015	Date Results Finalised- 28/08/2015	Date Results Finalised- 28/08/2015	Date Results Finalised- 28/08/2015	Date Results Finalised- 02/10/2015
<u>Pollutant</u>	<u>Limits as per license</u>	Concentration	Concentration	Concentration	Concentration	Concentration	Concentration
pH	6.5-8.5	8.2	8.1	8.2	8.1	8.2	8.2
Suspended Solids (mg/L)	50	<2	2	<2	<2	<2	7
Turbidity (NTU)	150	4.3	5.3	4.4	4.3	4.3	9.5
Total Grease (Soxhlet) (mg/L)	10	2	<2	<2	4	<2	4
Conductivity (uS/cm)	-	730	740	740	750	740	810

		Date Sample Taken- 27/08/2015	Date Sample Taken- 28/08/2015	Date Sample Taken- 31/08/2015	Date Sample Taken- 01/09/2015	Date Sample Taken- 02/09/2015	Date Sample Taken- 03/09/2015
		Date Results Finalised- 02/10/2015	Date Results Finalised- 02/10/2015	Date Results Finalised- 02/10/2015	Date Results Finalised- 02/10/2015	Date Results Finalised- 02/10/2015	Date Results Finalised- 02/10/2015
<u>Pollutant</u>	<u>Limits as per license</u>	Concentration	Concentration	Concentration	Concentration	Concentration	Concentration
pH	6.5-8.5	8.4	8.4	8.5	8.3	8.4	8.4
Suspended Solids (mg/L)	50	6	5	5	8	4	7
Turbidity (NTU)	150	9.5	9.7	10	10	9.7	10
Total Grease (Soxhlet) (mg/L)	10	6	2	4	4	2	<2
Conductivity (uS/cm)	-	820	810	810	830	810	820

		Date Sample Taken- 04/09/2015	Date Sample Taken- 07/09/2015	Date Sample Taken- 08/09/2015	Date Sample Taken- 09/09/2015	Date Sample Taken- 10/09/2015	Date Sample Taken- 11/09/2015
		Date Results Finalised- 02/10/2015	Date Results Finalised- 02/10/2015	Date Results Finalised- 02/10/2015	Date Results Finalised- 02/10/2015	Date Results Finalised- 02/10/2015	Date Results Finalised- 02/10/2015
<u>Pollutant</u>	<u>Limits as per license</u>	Concentration	Concentration	Concentration	Concentration	Concentration	Concentration
pH	6.5-8.5	8.4	8.3	8.3	7.7	7.6	7.7
Suspended Solids (mg/L)	50	7	9	6	2	2	<2
Turbidity (NTU)	150	9.3	10	10	3.2	3.2	3.4
Total Grease (Soxhlet) (mg/L)	10	<2	2	4	3	4	6
Conductivity (uS/cm)	-	820	810	810	770	770	750

		Date Sample Taken- 14/09/2015 Date Results Finalised- 02/10/2015	Date Sample Taken- 15/09/2015 Date Results Finalised- 02/10/2015	Date Sample Taken- 16/09/2015 Date Results Finalised- 02/10/2015	Date Sample Taken- 17/09/2015 Date Results Finalised- 02/10/2015	Date Sample Taken- 21/09/2015 Date Results Finalised- 02/10/2015	Date Sample Taken- 22/09/2015 Date Results Finalised- 02/10/2015
<u>Pollutant</u>	<u>Limits as per license</u>	Concentration	Concentration	Concentration	Concentration	Concentration	Concentration
pH	6.5-8.5	7.7	7.7	7.7	7.7	7.7	8.2
Suspended Solids (mg/L)	50	<2	<2	<2	<2	<2	5
Turbidity (NTU)	150	3.3	3.7	3.1	3.6	3.4	11
Total Grease (Soxhlet) (mg/L)	10	<2	3	2	4	<2	<2
Conductivity (uS/cm)	-	730	740	760	770	750	810

**Plant 2 – Horsley Park**

No discharge of water has been undertaken in this reporting period

**Plant 3 – Horsley Park**

		Date Sample Taken- 12/12/2014 Date Results Finalised-09/01/2015	Date Sample Taken- 10/06/2015 Date Results Finalised- 03/07/2015
<u>Pollutant</u>	<u>Limits as per license</u>	Concentration	Concentration
pH	6.5-8.5	7.9	8.3
Suspended Solids (mg/L)	50	32	5
Turbidity (NTU)	150	120	28
Total Grease (Soxhlet) (mg/L)	10	<2	3
Conductivity (uS/cm)	-	1390	1380