

| WOLSELEY WASTEWATER TREATMENT PLANT | | | | | | | | | | | | | | |
|-------------------------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| PARAMETERS | GENERAL LIMITS | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | AVE |
| <u>MICROBIOLOGICAL</u> | | | | | | | | | | | | | | |
| Faecal Colif0rms (org/100ml) | < 1000 | <1 | <1 | <1 | <1 | <1 | <1 | 26 | <1 | <1 | 816 | <1 | <1 | 100 |
| <u>PHYSICAL</u> | | | | | | | | | | | | | | |
| pH | 5.5 - 9.5 | 7.03 | 7.09 | 7.44 | 6.58 | 6.98 | 6.87 | 7.47 | 7.57 | 7.51 | 7.23 | 7.4 | 7.54 | 100 |
| Conductivity (at 25°C) (mS/m) | 150 | 65.5 | 71 | 105 | 64.5 | 68 | 67.5 | 89.5 | 77 | 76 | 92 | 98.5 | 80.5 | 100 |
| TSS (mg/l) | 25 | 8 | 10 | 15 | 14 | 18 | 46 | 21 | 21 | 23 | <4 | 22 | 21 | 92 |
| <u>CHEMICAL</u> | | | | | | | | | | | | | | |
| Ammonia Nitrogen as N (mg/l) | 6 | 0.71 | 9.3 | 37 | 10.1 | 4.2 | 18.9 | 30.8 | 31.4 | 56 | 46.7 | 62.2 | 31.3 | 17 |
| Nitrate Nitrogen as N (mg/l) | 15 | 1.7 | 6.2 | <0.2 | 0.49 | 0.2 | 0.29 | 0.28 | 0.54 | 0.4 | <0.2 | 0.36 | <0.2 | 100 |
| Ortho Phosphate as P (mg/l) | 10 | 2.8 | 3.7 | 5.1 | 5.5 | 2.8 | 1.7 | 4 | 5.3 | 5.5 | 7.1 | 5.5 | 4.6 | 100 |
| COD (mg/l) - Unfiltered | 75 | 32.3 | 50.5 | 56.7 | 36.8 | 48.3 | 53.6 | 69 | 47.8 | 51.3 | 60.7 | 55 | 40 | 100 |
| MICRO | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| PHYSICAL | | 100 | 100 | 100 | 100 | 100 | 67 | 100 | 100 | 100 | 100 | 100 | 100 | 97 |
| CHEMICAL | | 100 | 75 | 75 | 75 | 100 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 79 |
| OVERALL COMPLIANCE | | 100 | 92 | 92 | 92 | 100 | 81 | 92 | 92 | 92 | 92 | 92 | 92 | 92 |