

### **TREATED LIQUID EFFLUENT ANALYSIS**

| <b>Parameters</b>       | <b>Unit</b> | <b>Prescribed Standards as per APPCB</b> | <b>April - 16</b> | <b>May - 16</b> | <b>June - 16</b> | <b>July - 16</b> | <b>Aug - 16</b> | <b>Sep - 16</b> |
|-------------------------|-------------|--|-------------------|-----------------|------------------|------------------|-----------------|-----------------|
| pH                      |             | 6.5 – 8.0                                | 7.4               | 7.4             | 7.4              | 7.2              | 7.3             | 7.5             |
| Suspended Solids        | mg/l        | 100                                      | 39                | 41              | 40               | 41               | 39              | 40              |
| Dissolved Solids        | mg/l        | 2100                                     | 1363              | 1227            | 1276             | 1510             | 1734            | 1525            |
| Ammonical Nitrogen as N | mg/l        | 50                                       | 16.1              | 20.6            | 14.9             | 13.8             | 13.1            | 17.7            |
| Nitrates as N           | mg/l        | 10                                       | 6.2               | 6.2             | 6.2              | 6.3              | 6.2             | 6.1             |
| BOD                     | mg/l        | 30                                       | 13.0              | 12.0            | 12.0             | 13.0             | 11.0            | 13.0            |
| COD                     | mg/l        | 250                                      | 43.0              | 38.0            | 38.0             | 38.0             | 39.0            | 40.0            |
| Oil & Grease            | mg/l        | 10                                       | 3.1               | 3.1             | 3.1              | 3.2              | 3.2             | 3.2             |
| Phosphates as P         | mg/l        | 5  | 0.6               | 0.7             | 0.7              | 0.7              | 0.6             | 0.7             |
| Chlorides as Cl         | mg/l        | 1000                                     | 386               | 378             | 335              | 399              | 463             | 376             |
| TKN as N                | mg/l        | 100                                      | 32.0              | 41.0            | 30.0             | 27.0             | 26.0            | 35.0            |

All the above values are monthly averages