|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **O3 dosage rate**  **(mg/hr)** | **Contact time**  **(min)** | **pH** | **BOD R.E. (%)** | **COD R.E. (%)** |
| 600 | 90 | 3 | 59.79±2.56 | 26.413±0.10 |
| 600 | 150 | 3 | 67.73±0.06 | 31.929±1.67 |
| 600 | 120 | 6 | 41.67±0.79 | 25.283±1.00 |
| 600 | 90 | 9 | 30.12±1.99 | 30.087±1.19 |
| 600 | 150 | 9 | 39.24±2.42 | 32.837±0.99 |
| 900 | 120 | 3 | 47.58±2.73 | 25.455±1.93 |
| 900 | 90 | 6 | 40.80±3.97 | 20.364±1.29 |
| 900 | 120 | 6 | 49.54±3.91 | 28.610±0.14 |
| 900 | 120 | 6 | 48.39±2.28 | 28.610±0.14 |
| 900 | 120 | 6 | 51.85±7.18 | 30.125±1.05 |
| 900 | 120 | 6 | 54.27±3.75 | 30.125±1.05 |
| 900 | 120 | 6 | 53.46±4.90 | 31.303±0.63 |
| 900 | 120 | 6 | 49.19±3.42 | 31.303±0.63 |
| 900 | 150 | 6 | 56.80±3.65 | 34.332±0.64 |
| 900 | 120 | 9 | 44.44±0.87 | 30.573±1.00 |
| 1,200 | 90 | 3 | 69.72±1.05 | 34.431±0.99 |
| 1,200 | 150 | 3 | 72.20±2.35 | 36.760±0.65 |
| 1,200 | 120 | 6 | 78.00±0.67 | 38.090±0.62 |
| 1,200 | 90 | 9 | 80.90±3.97 | 38.014±0.51 |
| 1,200 | 150 | 9 | 83.51±5.82 | 43.513±1.86 |