**Appendix A:**



Figure 1: Anaerobic digestion reactors (approximately 3.5L in volume) used to incubate sediments from wetland sites 1 and 2, leachate from landfill sites 1 and 2, and mesophilic digestate from BARC digester.

Table 1: Feeding regimen for reactors incubating various sources of inoculum.

Modified from Bull et al., 1983 and Bardulet et al., 1990.

|  |  |  |
| --- | --- | --- |
| **Days** | **Total COD Loading Rate (kg/m3/day)** | **Methanol COD (kg/m3/day)** |
| 0-9 | 0.1 | 0.05 |
| 10-19 | 0.25 | 0.125 |
| 20-24 | 0.5 | 0.25 |
| 25-29 | 0.5 | 0.125 |
| 30-34 | 0.75 | 0.1875 |
| 35-39 | 0.75 | 0 |
| 40-49 | 1 | 0 |
| ≥50 | 1.3 | 0 |