|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | COD (mg/L) | Phosphorus (mg/L) | pH | TS (mg/L) | As (ug/L) | TKN(mg-N/L) | Ammonia (mg N/L) | Nitrate (mg N/L) |
| MSU Dairy | Influent FS1 | 444 | 11 | 6.7 | 812 | 2 | 36 | 12 | 11 |
| Surface FS 1 | 372 | 12 | 6.8 | 1025 | 6 | 28 | 14 | 11 |
| Subsurface FS1 | 355 | 11 | 6.7 | 1624 | 3 | 23 | 10 | 11 |
| Influent FS2 | 4437 | 24 | 5.5 | 3738 | 4 | 142 | 54 | 15 |
| Surface FS 2 | 6243 | 36 | 5.7 | 4891 | 10 | 194 | 65 | 37 |
| Subsurface FS2 | 3957 | 25 | 5.9 | 3979 | 8 | 96 | 38 | 45 |
| Small MI Dairy | Influent | 4668 | 94 | 8.1 | 5909 | 27 | 252 | 104 | 46 |
| Bioretention | 4688 | 114 | 7.4 | 8824 | 38 | 205 | 77 | 39 |
| Surface | 2380 | 49 | 7.4 | 4956 | 35 | 128 | 57 | 44 |
| Subsurface 1.5 ft | 718 | 16 | 7.4 | 2602 | 18 | 31 | 14 | 25 |
| Subsurface 2.5 ft | 676 | 23 | 7.3 | 2348 | 15 | 41 | 24 | 24 |