|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Condition | Acceptor | Equation | Process | Products |
| Oxic |  |  | Aerobic respiration |  |
| Hypoxic |  |  | Denitrification |  |
| Hypoxic | Mn (IV) |  | Mn reduction | Mn (II) |
| Hypoxic | Fe (III) |  | Fe reduction | Fe (II) |
| Anoxic |  |  | Sulphate reduction |  |
| Anoxic | - |  | Methanogenesis |  |