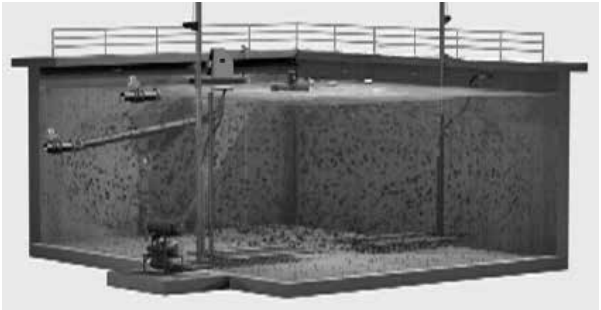


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### **React Phase**



- Influent flow is terminated
- Mixing and aeration continue in absence of raw waste
- Dissolved oxygen probes can be used to deliver oxygen on “as needed” basis without loss of mixing
- Provides treatment barrier that separates Fill Phases from Settle and Decant Non-Fill Phases

### **Settle Phase**



- Influent flow does not enter reactor
- Mixing and aeration cease
- Ideal liquid / solids separation achieved due to perfectly quiescent conditions
- Adjustable time value allows settling time to match prevailing process needs