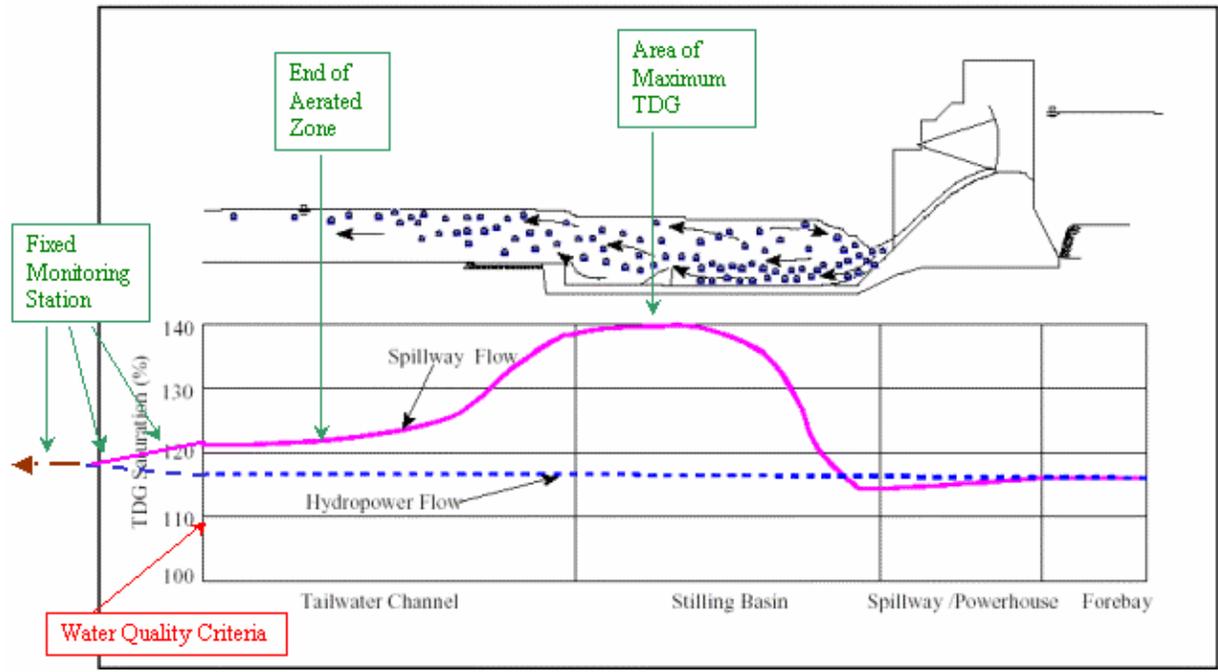


## 2002 TDG TMDL Load Allocation Compliance Locations

Project	2002 TDG TMDL Load Allocation Tailrace Locations	Current Locations, ACOE 2006 TDG Monitoring Report
Bonneville Dam	1700 feet below end of spillway	600 feet (200 yards) d/s of the spill channel as per 2006 ACOE TDG Monitoring Report  1350 feet (450 yards, plus or minus 50 yards) d/s of the dam as identified by USGS

Relevant issues regarding Tailrace monitor locations:

1. Tailrace monitors are not reflective of their identified 2002 TDG TMDL load allocation locations at the edge of the aerated zone. Bonneville tailrace is located too close, while the other tailrace monitors are located to far downstream.
2. The method of measuring the tailrace monitor distance from the dam is inconsistent, for example Bonneville Dam tailrace monitor is 450 yards or. 200 yards downstream of the dam- depending on the source. There needs to be a consistent method of measuring the tailrace monitor distance from a dam. The 2002 TDG TMDL for the Lower Columbia River states: “The point of compliance for load allocations for the dams in this TMDL will be based on application of the mixing zone to the aerated zone immediately below the spillways of the dams.”



**Figure 21, 2002 TDG TMDL: Possible locations of Compliance Locations with Respect to TDG Levels**

Link to 2002 Oregon / Washington Lower Columbia River TDG TMDL:  
<http://www.deq.state.or.us/wq/TMDLs/docs/columbiariver/tdg/tmdlwqmp.pdf>