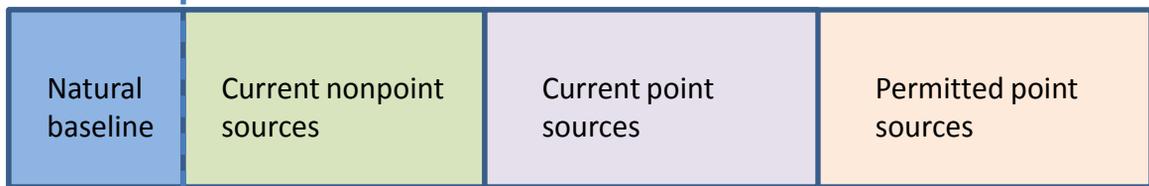


DO depletion relative to natural (WQS < 0.2 mg/L)



< 0.2 mg/L?

Scenario 1 vs. 2 evaluates the DO depletion caused by current nonpoint sources relative to the estimated natural conditions baseline.

< 0.2 mg/L?

Scenario 1 vs. 3 evaluates the DO depletion caused by current nonpoint sources combined with current point sources relative to the estimated natural conditions baseline.

< 0.2 mg/L?

Scenario 1 vs. 4 evaluates the DO depletion caused by current nonpoint sources combined with maximum permitted point sources relative to the estimated natural conditions baseline.

1) Baseline estimated natural conditions. Wastewater treatment plants (WWTPs) are assumed to be at zero flow; the Deschutes River and other tributaries were estimated to be at natural conditions based on the lowest nutrient levels measured historically.

2) Current nonpoint sources. All tributaries and nonpoint sources discharge at existing conditions, and point sources/WWTPs are set to zero.

3) Current point and nonpoint sources. All WWTPs and tributary nonpoint sources were set to existing conditions.

4) Permitted point sources and current nonpoint sources. WWTPs were set to permit limits; nonpoint sources were set to existing conditions.