

Figure 5.7. DEQ 303(d) Decision Matrix for Jackson Creek (Jackson Creek mouth to headwaters).

Parameter	Criteria for 303(d) listing	Season	Basis for Listing	Supporting Data or Information	Rationale for Not Listing	Listing Status
Bacteria	Water Contact Recreation; Fecal coliforms standard	Year Round	In 305(b) Report (DEQ 1994); RVCOG (1990)	Annual Average Fecal coliforms data ranging between 386-623 did exceed standard (400) between 1998-1990. (RVCOG 1990)		303(d) listed
Dissolved Oxygen (DO)	Salmonid Spawning Dissolved Oxygen 11mg/L.	October 1- March 31	DEQ Data	DEQ Data Site 402802 RM 1.5 17% (1 of 6) October through March values exceeded spawning dissolved oxygen standard (11 mg/l or 95% saturation with a minimum of 8.7 between 1988-1989 (Cold water fishery, spawning approximately, Oct-Mar)	Did not meet listing criteria	OK Not listed
Nutrients			NPS Assessment Segment 275: moderate, observation (DEQ 1988)		No supporting data or information	Need Data
pH		Fall- Winter- Spring	DEQ Data	DEQ Data (Site 402802; Rm 1.5): 0% (0 of 8) FWS values exceeded pH standard (6.5-8.5) between WY 1989-95	Did not meet listing criteria	OK Not listed
pH		Summer	DEQ Data	DEQ Data (Site 402802; Rm 1.5): 0% (0 of 8) FWS values exceeded pH standard (6.5-8.5) between WY 1989-1995.	Did not meet listing criteria	OK Not listed
Sedimentation			NPS Assessment- segment 275: moderate, data (DEQ, 1988)		No Supporting data.	Need Data
Temperature	Salmonid Rearing 64 F, (17.8 C)	Summer	Bear Creek Temperature Study (ODFW, 1992)	ODFW Data (2 sites: Lower near mouth and Upper): Monthly Average maximums of 75, 76 , 78, 70, 73, 74, no data in July, August, September, October 1992.		303 (d) listed

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