

Barrier Evaluation for Smolt Passage

BARRIER DESCRIPTION:

Stream identification (name, ID number, location of mouth) FAWN LAKE OUTLET STREAM; 109-10-18
MIST COVE NEAR PATTERSON BAY; BARANOF I. Date 7-18-79 Observers STEVE REIFENSTUHL; FRONTY PARKER
 Barrier no. 1 and approx. distance (50m m) from stream mouth. Angle of falls ≈ 65
 Height of falls 27' Method of measurement: rangefinder, clinometer, steel tape,
altimeter by eye (circle one).
 Altitude of base 795', crest 822' as determined by altimeter quadrangle map (circle one)
 Plunge pool: present? yes; adequate size and depth for smolt passage? yes -
 If "no," describe base of falls Rock ledge 2/3 way down from crest, BUT will NOT INJURE smolts -
Flow is concentrated enough presently that injury to smolts would be minimal.
 Present flow conditions: low moderate, high (circle one).
 Character of waterfall: dispersed (misty; branched), concentrated (circle one).
 Threatening rock ledges or projections in the falls: absent, few, many (circle one).
 These appear a threat to none, few, most, all (circle one) of the emigrants.

BARRIER EVALUATION:

Was a test drop of fish conducted for this barrier? Yes, No (circle one).
 If "yes," complete reverse side of this form.
 Based on the above features, evaluate this barrier for downstream fish passage:
 (A) at present flows: good, questionable, poor (circle one).
 (B) at much higher flows (e.g., spring freshets) good, questionable, poor (circle one).
 (C) at very low flows: good, questionable, poor (circle one).

COMMENTS AND SKETCHES:

