

Barrier Evaluation for Smolt Passage

BARRIER DESCRIPTION:

Stream identification (name, ID number, location of mouth) PORCUPINE RIVER; 113-91-11; PORCUPINE

BAY; ISLAS BAY; CHCHAGOF IS. Date 8-24-79 Observers REIFENSTHUL, PARKER

Barrier no. 4 and approx. distance (1100 m) from stream mouth. Angle of falls ≈ 45 °

Height of falls 20' Method of measurement: rangefinder, clinometer, steel tape,
altimeter, (by eye) (circle one).

Altitude of base 195', crest 215' 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 _____

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: