

Barrier Evaluation for Smolt Passage

BARRIER DESCRIPTION:

Stream identification (name, ID number, location of mouth) BANNER LAKE; 109-10-24; LAKE "B" OF 2-LAKE CHAIN; PATTERSON BAY; BARANOF Date 7-17-79 Observers BOB VAUGHT; FRONTY PARKER
 Barrier no. 1 and approx. distance (270 m) from stream mouth. Angle of falls ≈ 75°
 Height of falls 120' Method of measurement: rangefinder, clinometer, steel tape, altimeter, by eye (circle one).
 Altitude of base 50', crest 170' 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 3 NEARLY CONTINUOUS FALLS EACH WITH ADEQUATE POOLS.

Present flow conditions: low, moderate, high (circle one). NOT EXTREME
 Character of waterfall: dispersed (misty; branched), concentrated (circle one).

Threatening rock ledges or projections in the falls: absent, few, many (circle one).

ROCK SIDES AND HIGH VELOCITY MAY INJURE A FEW EMIGRANTS

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:

