

MEMORANDUM

App. Proc No. 50

To: Water Management Division  
From: Norman C. Young *NCY*  
RE: FISH PROPAGATION APPLICATION APPROVAL GUIDELINES  
Date: April 1, 1991

The Idaho Aquaculture Association has provided information to the department which uses a point rating system to evaluate the potential affect of a proposed new fish propagation facility (facility) upon other existing facilities. The rating system is intended to be used as a guide and is not intended to negate the obligation of an applicant to comply with all other local, state and federal requirements applicable to a proposed facility and appropriation of water.

The common factors and parameters which determine the affect of one facility upon another include disease, oxygen level, carbon dioxide, ammonia, nitrates, settleable solids and water temperature.

The point system described below should be used in the department's evaluation of applications proposing a new or enlarged facility which is upstream from an existing facility. The number of cumulative points associated with the new facility can then be used as a guideline to determine the potential affect of the new facility on existing facilities. Depending on the amount of the affect, new appropriations can be approved, denied or approved with specific conditions to prevent or minimize injury to existing water rights for fish propagation purposes.

An applicant needs to provide enough information to allow the department to evaluate a proposed facility using the parameters in this memo.

Considering the characteristics associated with a proposed new facility, determine the number of points shown to the right of each of the seven (7) categories below:

1. Type of water supply currently used by existing facility.

- |   |   |
|---|---|
| a. Surface with fish cultured upstream    | 1 |
| b. Surface with no fish cultured upstream | 2 |
| c. Spring with fish cultured upstream     | 3 |
| d. Spring with no fish cultured upstream  | 4 |

2. Average percent of existing facility's water to be used by the proposed facility.

- a. Less than 10% 1
  - b. 10% but less than 25% 2
  - c. 25% but less than 50% 3
  - d. 50% but less than 75% 5
  - e. 75% or more 7
3. Distance between existing facility intake and proposed facility discharge.
- a. 1.0 mile or more 1
  - b. 0.50 mile to less than 1.0 mile 2
  - c. 0.25 mile to less than 0.5 mile 3
  - d. 0.10 mile to less than 0.25 mile 5
  - e. Less than 0.10 mile 7
4. Change in elevation between discharge of new facility and the intake of the existing facility.
- a. 50 feet or more 1
  - b. More than 20 feet but less than 50 feet 2
  - c. More than 10 feet but less than 20 feet 3
  - d. More than 5 feet but less than 10 feet 5
  - e. Less than 5 feet 7
5. Anticipated temperature change in new facility
- a. Less than 1 degree F. 1
  - b. 2 degrees F. 2
  - c. 3 degrees F. 3
  - d. 4 degrees F. 5
  - e. 5 degrees F. 7
6. Existing facility consideration
- a. Raises fish seasonally and proposed facility is a year around facility -3
  - b. Hatches eggs 5
  - c. Is a certified disease free facility 7
7. Proposed new facility
- a. Spring or well source with no fish facility above -3

The points associated with the characteristics of the new facility should be added and then compared to the following guideline:

TOTAL POINTS

0 - 15  
 16 - 20  
 21 or more

GUIDELINE

Generally approve  
 Approve with conditions  
 Generally disapprove