



# Alaska Dam Safety Program

## HAZARD CLASSIFICATION AND JURISDICTIONAL REVIEW

This form is used to state the hazard classification of a dam in accordance with 11 AAC 93.157 and to determine if a dam is under the jurisdiction of the Alaska Dam Safety Program based on the following definition, articulated under Alaska Statute 46.17.900 (3):

“Dam” includes an artificial barrier, and its appurtenant works, which may impound or divert water and which...

- has or will have an impounding capacity at maximum water storage elevation of 50 acre-feet and is at least 10 feet in height measured from the lowest point at either the upstream or downstream toe of the dam to the crest of the dam;
- is at least 20 feet in height measured from the lowest point at either the upstream or downstream toe of the dam to the crest of the dam; or
- poses a threat to lives and property as determined by the department after an inspection.

***Please complete items 1 through 17. Attach additional information as necessary. This form must be certified and stamped by an Alaska-registered professional engineer on page 3.***

1. Name of dam: \_\_\_\_\_

National Inventory of Dams (NID) number: \_\_\_\_\_ (Assigned by Department)

Name of stream: \_\_\_\_\_

General location and region: \_\_\_\_\_

Legal location: Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Meridian \_\_\_\_\_

Purpose and type of dam: \_\_\_\_\_

This dam is:  Existing  Proposed  Under construction

Current hazard classification:  I  II  III  Not assigned

2. Owner: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Contact name: \_\_\_\_\_

Phone: \_\_\_\_\_



11. Is development at risk from an incremental increase in the flood if the dam fails under flood conditions?

Yes  No  Unknown

Flood condition evaluated:  100 year  1/2 PMF  PMF  Other \_\_\_\_\_

12. Is dam located on anadromous fish stream?

Yes  No  Unknown

13. Are adverse environmental impacts probable if the dam fails?

Yes  No  Unknown

Description: \_\_\_\_\_

14. Are adverse economic impacts probable if the dam fails?

Yes  No  Unknown

15. Is the reservoir created by the dam the primary water supply for a community of more than 500 residents?

Yes  No  Unknown

16. Is a backup water supply available?

Yes  No  Unknown

17. Proposed hazard classification:  Class I (High)  Class II (Significant)  Class III (Low)

18. Basis of classification:

- Quantitative - Numerical dam break analysis conducted
- Qualitative - Limited engineering calculations
- Preliminary - No engineering calculations

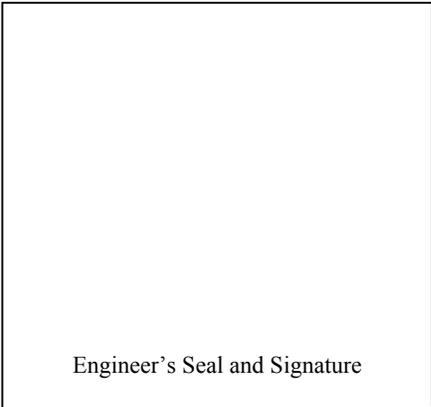
19. Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

20. Certified by: \_\_\_\_\_ (Print name)

Date: \_\_\_\_\_

Company: \_\_\_\_\_

Phone: \_\_\_\_\_



*Notes:*

1. *The information presented in this form may be overruled based on current data that reveals a higher level of confidence in the quality of information necessary to make the appropriate determinations.*
2. *A Class I or II dam is assumed to meet the third condition under AS 46.17.900 (3).*
3. *This form must be certified and stamped by an Alaska-registered professional engineer.*

**FOR DEPARTMENT USE ONLY**

Jurisdictional Status of Dam:

Under state jurisdiction

Reasons:

- Height
- Height and storage volume
- Hazard classification
- Anadromous fish stream
- Environmental impact
- Other: \_\_\_\_\_

Not under state jurisdiction

Reasons:

- Height
- Height and storage volume
- Hazard classification
- Federal ownership or regulation
- Other: \_\_\_\_\_

Concur with hazard classification:

Yes       No

Hazard classification based on current information:

Yes       No

Official hazard classification:     Class I (High)     Class II (Significant)     Class III (Low)

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reviewed by: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_