



Water Resources Program Dam Construction Permit Application

For Ecology Use
(Date Stamp)

One of the following non-refundable fees must accompany this application (choose one):

\$1977.00 Initial Fee

\$10.00 Dam Removal Fee

Send to: DEPARTMENT OF ECOLOGY, CASHIERING SECTION, PO BOX 47611, OLYMPIA, WA 98504-7611

FOR OFFICIAL USE ONLY

FILE NO: _____

COUNTY: _____

WRIA: _____

INITIAL FEE PAID: _____

1. Owner Information		
Applicant Name:	Phone No:	Other No:
Address:		
City:	State:	Zip:
Email Address (optional):		

2. Project Engineer Information		
Project Engineer Name for Dam Design:	Phone No:	Other No:
Washington State P.E. #:	Expiration Date:	
Address:		
City:	State:	Zip:
Email Address (optional):		

3. Construction Engineer Information		
Project Engineer for Oversight of Dam Construction:	Phone No:	Other No:
Washington State P.E. #:	Expiration Date:	
Address:		
City:	State:	Zip:
Email Address (optional):		

4. Project Information

Project Name:

Dam Name(s) (Also List Names of all Impounding Structures Associated with the Project):

Reservoir/Impoundment Name:

Construction Type (choose one): New Construction Modification of Existing Dam Dam Removal

Name of Stream (if Offstream, indicate Offstream and Name of Nearest Stream):

Location of Dam:	Section:	Township N.:	Range (E. or W.):	County:
	Latitude:		Longitude:	

Link to Location Map:

Or Upload Image of Map (for Adobe PDF Pro Only): Others will need to attach a copy of the Map with Application

Purpose of Dam and Reservoir (check all that apply): <input type="checkbox"/> Water Supply <input type="checkbox"/> Recreation <input type="checkbox"/> Power <input type="checkbox"/> Fish Propagation <input type="checkbox"/> Other (explain):
Reservoir Operation Class (choose one): <input type="checkbox"/> Permanent <input type="checkbox"/> Seasonal <input type="checkbox"/> Intermittent Pool
Dam Size (choose one): <input type="checkbox"/> Small <input type="checkbox"/> Intermediate <input type="checkbox"/> Large
Downstream Hazard Classification (choose one): <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1A <input type="checkbox"/> 1B <input type="checkbox"/> 1C
Is the Dam Regulated by a Federal Agency? <input type="checkbox"/> No <input type="checkbox"/> Yes If Yes, list the name of the Agency:
Is the Dam a Hydropower Project? <input type="checkbox"/> No <input type="checkbox"/> Yes If Yes, list the FERC License #:
Is the Dam Constructed on Federal Land? <input type="checkbox"/> No <input type="checkbox"/> Yes
Has Environmental Checklist Been Completed in Accordance with SEPA? <input type="checkbox"/> No <input type="checkbox"/> Yes
Has Determination Been Made if Water Right Permit and/or Reservoir Storage Permit Needed? <input type="checkbox"/> No <input type="checkbox"/> Yes

5. Dam Information		
Proposed Dam Height (Crest to Toe):	Length Along Dam Crest:	Width of Dam Crest:
Type of Construction and Material of Which Dam is to be Built: <input type="checkbox"/> Homogenous Earthfill <input type="checkbox"/> Zoned Earthfill <input type="checkbox"/> Concrete Gravity <input type="checkbox"/> Other (explain):		
Proposed Date of Construction Startup:	Anticipated Date of Construction Completion:	

6. Reservoir Information
Number of Acres Submerged at Normal Full Pool:
Number of Acre-Feet to be Stored at Normal Full Pool:
Number of Acre-Feet that can be Stored at Dam Crest Level:

7. Project Operation		
Who Will be Responsible for Project Operation and Maintenance?:		
Who Will be Responsible for Project Inspections and Monitoring?:		
Name of Project Contact (if different from above):	Phone No:	Date:

**INSTRUCTION SHEET
FOR COMPLETING APPLICATION FOR DAM CONSTRUCTION PERMIT**

1. **OWNER INFORMATION:** Name, Address, and Telephone of individual, corporation, public entity, etc., that is the legal owner of the project.
2. **PROJECT ENGINEER INFORMATION:** The Project Engineer has direct supervision in managing the engineering aspects of the project as representative of the owner.
3. **CONSTRUCTION ENGINEER INFORMATION:** The Construction Engineer is responsible for managing the construction of the project as representative of the owner, in accordance with the construction inspection plan. If same as Project Engineer, write "Same".

4. **PROJECT INFORMATION:**

Project Name: Name given to overall project.

Dam Name(s): Name for each dam, berm, dike, involved in project.

Reservoir Name: Name to be given to reservoir, lake, pond, impoundment, etc.

Name of Stream: Name of stream, creek, river that dam is to be constructed across. If the impoundment is not to be constructed across a stream, write "Offstream". If stream is unnamed, write "unnamed tributary of _____ Creek".

Location of Dam: Legal Description of land on which dam is built. Provide a map showing the project location.

Purpose of Dam and Reservoir: Indicate purpose(s) for which proposed project is to be used. Types of purposes would include: Water Supply (Irrigation, Industrial, or Municipal), Hydropower, Flood Control, Stormwater Detention, Recreation, Mine Tailings, Wastewater, Wildlife/Fish Propagation.

Reservoir Operation Class: Indicate how reservoir is to be operated:

- Permanent Pool: Operated year round at approximately same elevation.
- Seasonal Pool: Operated at full pool part of the year, with seasonal drawdown.
- Intermittent Pool: Impounds water infrequently and for short duration, such as flood control dams.

Dam Size:

- Small: Dam Height less than 15 feet.
- Intermediate: Dam Height 15 feet or greater, but less than 50 feet.
- Large: Dam Height 50 feet or greater.

Downstream Hazard Classification: Indicates level of downstream development that would be affected in the event of a dam failure:

- 3 (Low) No inhabited structures
- 2 (Significant) 1 or 2 inhabited structures
- 1A (High) 3 to 10 inhabited structures
- 1B (High) 11 to 100 inhabited structures
- 1C (High) More than 100 inhabited structures

Note: See *Dam Safety Guidelines - Technical Note 1* for assistance in assessing the downstream hazard classification.

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Has Environmental Checklist been Completed in Accordance with SEPA?: State Environmental Policy Act (SEPA) requires that agencies issuing permits, approvals, etc., must assure that appropriate consideration has been given to the environment. The SEPA process is initiated by the project proponent completing an Environmental Checklist. Information on the SEPA process can be obtained at local (city, county) planning departments, or from the Environmental Review Section of Ecology at (360) 407-6922. SEPA must be complied with before a Dam Construction Permit can be issued.

Has Determination Been made if Water Right and/or Reservoir Permit is Needed?: If water impounded by the dam is considered a beneficial use (e.g. water supply, recreation, fish propagation) then a water right and/or Reservoir Permit is required. Information and application forms can be obtained at the Ecology Regional Offices in Bellevue, Tumwater, Yakima, or Spokane.

5. **DAM INFORMATION:** Provide general dimensions and information about dam type.
6. **RESERVOIR INFORMATION:** Provide area and volume information for reservoir.
7. **PROJECT OPERATION:** Indicate responsible individuals for Operation & Maintenance, and Inspection & Monitoring once the project has been built and put into service.