For Ecology Use
(Date Stamp)

'09 MAY 22 A8:37

DEPT. OF ECOLOGY
FISCAL & BUDGET

DEPARTMENT OF
ECOLOGY
State of Washington

State of Washington
Application for a Water Right Permit

☒ **SURFACE WATER** ☐ **GROUND WATER**
☒ **Permanent** ☐ **Temporary** ☐ **Short Term**

Follow the attached instructions. Attach additional sheets as necessary.

A NON-REFUNDABLE **MINIMUM** FEE OF $50.00 PAYABLE TO
THE DEPARTMENT OF ECOLOGY MUST ACCOMPANY THIS APPLICATION.

Section 1. APPLICANT

Applicant/Business Name:	Phone No:	Other No:
Calligan Power, LLC	**360 588 6954**	
Address: **701 Fieldston Road**		
City: **Bellingham**	State: **WA**	Zip: **98225**
Email Address (optional): **archford@westfordenergy.com**		

Contact Name (if different from above):	Phone No:	Other No:
Jamie M. Morin	**(206) 838-7654**	
Relationship to Applicant: **Attorney**		
Address: **315 Fifth Ave S, Ste 1000**		
City: **Seattle**	State: **WA**	Zip: **98104**
Email Address (optional): **morin@mentorlaw.com**		

Section 2. STATEMENT OF INTENT

Briefly describe the purpose of your proposed project: **Run-of-river hydroelectric facility.**

Anticipated length of time to complete your project: **15 years**

Water Use List all purposes for which water will be applied to a beneficial use and list quantity required for each.

Purpose(s) of Use	Rate (check one box only) ☒Cubic Feet per Second (CFS) ☐Gallons per Minute (GPM)	Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
Hydropower	**48 CFS**		**Continuously**
TOTAL:	**48 CFS**		

Short Term/Temporary Water Use

Is this a request for a short term project (less than four months and non-recurring)? ☐ YES ☒ NO

Is this request for a temporary permit? ☐YES ☒ NO

If yes to either question above, indicate the dates that the water will be needed:

FROM: ____/____/____ TO: ____/____/____

For Ecology Use	APPLICATION NO: S1-28623 SEPA: Exempt/Not Exempt
	Fee Paid: 4,800.00 Check No: 6404 ECY Coding: 001-001-WR1-0285-000011
Date Returned ____ By ____	Priority Date 5/22/09 By ____ WRIA: 7

Section 3. POINT OF DIVERSION OR WITHDRAWAL

Complete A or B, and C below

A.) If Surface Water Source	B.) If Ground Water Source
☐ Spring ☒ Creek ☐ River ☐ Lake ☐ Other:_____ Source Name: **Calligan Creek** Tributary to: **North Fork Snoqualmie River** Number of proposed diversion points: **1 (one)** Do you have an existing diversion? ☐ YES ☒ NO	☐ Well(s) ☐ Other:_____ Well diameter & depth:_____ Number of proposed points of withdrawal:_____ Do you have an existing well? ☐ YES ☐ NO If available, attach Water Well Report and pump test. Well Tag ID No._____

C.) Point of Diversion/Withdrawal – Legal Description

Parcel No.	¼	¼	Section	Township	Range	County
	SW	SW	32	25	9E	King

Lot(s)	Block(s)	Subdivision

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:

300 Feet (☒ North/☐ South) and **1200** feet (☒ East/☐ West)

from the (☐NW ☒SW ☐NE ☐SE ☐ ____) corner of Section **32**.

Parcel No.	¼	¼	Section	Township	Range	County

Lot(s)	Block(s)	Subdivision

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:

_____feet (☐ North/☐ South) and _____feet (☐ East/☐ West)

from the (☐NW ☐SW ☐NE ☐SE ☐____) corner of Section_____

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Do you own the land on which the proposed point of diversion/withdrawal is located? ☒ YES ☐ NO

If no, do you have legal authority to make this application for use of another's land? ☐ YES ☐ NO

Provide the owner name(s), address, and phone number:_____

Section 4. PLACE OF USE

Attach a copy of the legal description of the property (on which the water will be used) taken from a real estate contract, property deed or title insurance policy, or copy it carefully in the space below.

Powerhouse location: SW1/4 of Section 31, Township 25N., Range 9 E.W.M., King County.

¼	¼	Section	Twp.	Range	County	Parcel No.
	SW	31	25N	9E	King	

Do you own all the lands on which the proposed place of use is located? ☒ YES ☐ NO.

If no, do you have legal authority to make this application for use of another's land? ☐ YES ☐ NO

Provide owner name(s), address, and phone number:_____

Are there any other water rights or claims associated with this property or water system? ☒ YES ☐ NO

If yes, provide the water right and/or claim numbers: **Water Right Permit S1-24496 (Cancelled by previous property owner), Water Right Application S1-27611 (pending)**

For Ecology Use	APPLICATION NO:_____ SEPA: Exempt/Not Exempt Fee Paid:_____ Check No:_____ ECY Coding: 001-001-WR1-0285-000011
Date Returned _____ By_____ Priority Date _____ By_____ WRIA:_____	

Attach a map of your project showing the point of diversion/withdrawal and place of use. If platted property, be sure to include a complete copy of the plat map.

Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source): **The proposed Calligan Creek Hydro Project will consist of the following components: (1) an 8' high and 65" long diversion weir and intake structure constructed approximately 3,000 feet downstream of the natural outlet from Lake Calligan; (2) a 30" diameter 5,200' long penstock; (3) a 1,600 square foot powerhouse; and (4) a 30' long tail race to return water from the turbine discharge to the creek.**

Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

Complete A or B, and C below

A.) Domestic Water Systems only	**B.) Municipal Water Systems only** *(defined under RCW 90.03.015)*
Projected number of connections to be served: _____	Present population to be served water: _____
Type of connections: _____ *(e.g., home, recreational cabin)*	Estimate future population to be served: _____ (20 year projection)

C.) Water System Planning

Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? ☐ YES ☐ NO

If yes, date plan was approved _____/_____/_____ Water System Number: _____

Name of water system: _____

Are you within the service area of an existing water system? ☐ YES ☐ NO

If yes, explain why you are unable to connect to the system: _____

Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

Irrigation

Total number of acres requested to be irrigated under this application = _____ ACRES

NOTE: Outline the area to be irrigated on your attached map.

Stockwater

List number and kind of stock: _____

Is the proposed project for a dairy farm? ☐ YES ☐ NO

For Ecology Use	APPLICATION NO: _____ SEPA: Exempt/Not Exempt Fee Paid: _____ Check No: _____ ECY Coding: 001-001-WR1-0285-000011
Date Returned _____ By _____ Priority Date _____ By _____ WRIA: _____	

Other Proposed Farm Uses
Describe all proposed uses: _____

Family Farm Water Act (RCW 90.66):

Calculate the acreage in which you have a controlling interest, including only:

- Acreage irrigated under water rights acquired after December 8, 1977,
- Acreage proposed to be irrigated under this application, and
- Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? ☐ YES ☐ NO

Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☐ NO

If yes, enter Permit No: _____

Section 8. OTHER WATER USES

Hydropower

Indicate total feet of head **945'** and proposed capacity in kilowatts: **5,400 kiloowatts**

Describe works: **See Section 5 Above.**

Indicate all uses to which power is to be applied: **Sale of electricity to consumers**

FERC License No: **Pending**

Mining/Industrial Use
Describe use, method of supplying and utilizing water: _____

Other Use

Section 9. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water? ☒ YES ☐ NO

Are you proposing to store more than 10 acre-feet of water? ☐ YES ☒ NO

Will the water depth be 10 feet or more? ☐ YES ☒ NO

If you answered yes to any of the above questions, please describe: **The project will be operated as a run-of-river facility. The project's diversion weir on Calligan Creek will be located about 3,000 feet downstream of the natural outlet to Lake Calligan and will serve as a control point for the intake and impound only a small amount of water. The surface area of the impoundment will be approximately 0.3 acres and will contain about 1 acre foot of water.**

NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a

For Ecology Use	APPLICATION NO: _____ SEPA: Exempt/Not Exempt Fee Paid: _____ Check No: _____ ECY Coding: 001-001-WR1-0285-000011
Date Returned _____ By _____ Priority Date _____ By _____ WRIA: _____	

NOTE: See attached map showing driving instructions.

Site Address:

Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

CALLIGAN POWER, LLC Print Name (Applicant or authorized representative)	Signature Mgr.	Date 11/24/08
CALLIGAN HYDRO, INC Print Name (Landowner of Place of Use)	Signature President	Date 11/24/08
Print Name (Landowner of Place of Use)	Signature	Date
Print Name (Landowner of Place of Use)	Signature	Date

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

Please check the region in which your proposed project is located.
☐ Southwest ☒ Northwest ☐ Central ☐ Eastern

For Ecology Use	APPLICATION NO: SEPA: Exempt/Not Exempt
	Fee Paid: Check No: FCY Coding: 001-001-WR1-0285-000011