



For Ecology Use
(Date Stamp)

Follow the attached instructions. Attach additional sheets as necessary.

- GROUND WATER SURFACE WATER
 PERMANENT SHORT TERM TEMPORARY
 DROUGHT

***A NON-REFUNDABLE MINIMUM FEE OF \$50.00 MUST ACCOMPANY THIS APPLICATION.**

Section 1. APPLICANT NAME: TRINITY GROUND WATER

I have participated in a pre-application conference with Ecology.

Applicant/Business Name: Yakama Nation.		Phone No: 509-865-6262	Other No:
Address: 401 Fort Rd.			
City: Toppenish		State: WA	Zip: 98948
Email Address (if available):			

Contact Name (if different from above): Cory Kamphaus		Phone No: 509-548-9413 x 102	Other No:
Relationship to Applicant: Project Biologist for the Coho Reintroduction Program			
Address: 7051 Hwy. 97			
City: Peshastin		State: WA	Zip: 98847
Email Address (if available): kamc@yakamafish-nsn.gov			

Legal Land Owner or Part Owner Name of the Proposed Place of Use: Trinity Conservancy Inc.		Phone No: 425 392-9214	Other No:
Address: 3139 E. Lake Sammamish SE			
City: Sammamish		State: WA	Zip: 98075-9608
Email Address (if available): Reid Brown reidlb@gmail.com, Bruce Butts <bruceb@seanet.com>			

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

Section 2. STATEMENT OF INTENT

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

Briefly describe the purpose of your proposed project: The Yakama Nation proposes to acclimate coho, spring Chinook, and possibly other salmonid species at the Trinity property. Acclimation would begin in October and fish would be released to migrate volitionally in late April/ early May. A well would provide emergency water when the surface water delivery system fails during the acclimation period. Fish would be forced out of the pond if remaining prior to June 15.

Anticipated length of time to complete your project: 3 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)		Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
	<input type="checkbox"/> Cubic Feet per Second (CFS)	<input type="checkbox"/> Gallons per Minute (GPM)		
Salmon Acclimation	1.25 cfs maximum		Unknown	Seasonal, October to June 15 (intermittent)
TOTAL:	1.25			

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:

Section 3. POINT OF DIVERSION OR WITHDRAWAL
 (Complete A or B, and C below)

<p>A.) If Surface Water Source</p> <p><input type="checkbox"/> Spring <input type="checkbox"/> Creek <input type="checkbox"/> River <input type="checkbox"/> Lake</p> <p><input type="checkbox"/> Other: _____</p> <p>Source _____</p> <p>Tributary to: _____</p> <p>Number of proposed diversion points: _____</p> <p>Do you have an existing diversion? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>B.) If Ground Water Source</p> <p><input type="checkbox"/> Well(s) <input type="checkbox"/> Other: _____</p> <p>_____</p> <p>Well diameter & depth: _____</p> <p>Number of proposed points of withdrawal: _____</p> <p>Do you have an existing well? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If available, attach Water Well Report and pump test.</p>
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C.) Point of Diversion/Withdrawal – Legal Description

Parcel No.	¼	¼	Section	Township	Range	County
301627220100	NW	NW	27	30N	16E	Chelan
Lot(s)	Block(s)	Subdivision				

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:
1,050 Feet (North/ South) and 550 feet (East/ West)
 from the (NW SW NE SE ____) corner of Section 28.

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.

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.

Legal Description: PORTION OF 5 MILLSITES PATENT NO 1025385						
1/4	1/4	Section	Twp.	Range	County	Parcel No.
NW	NW	27	30N	16E	Chelan	301627220100

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

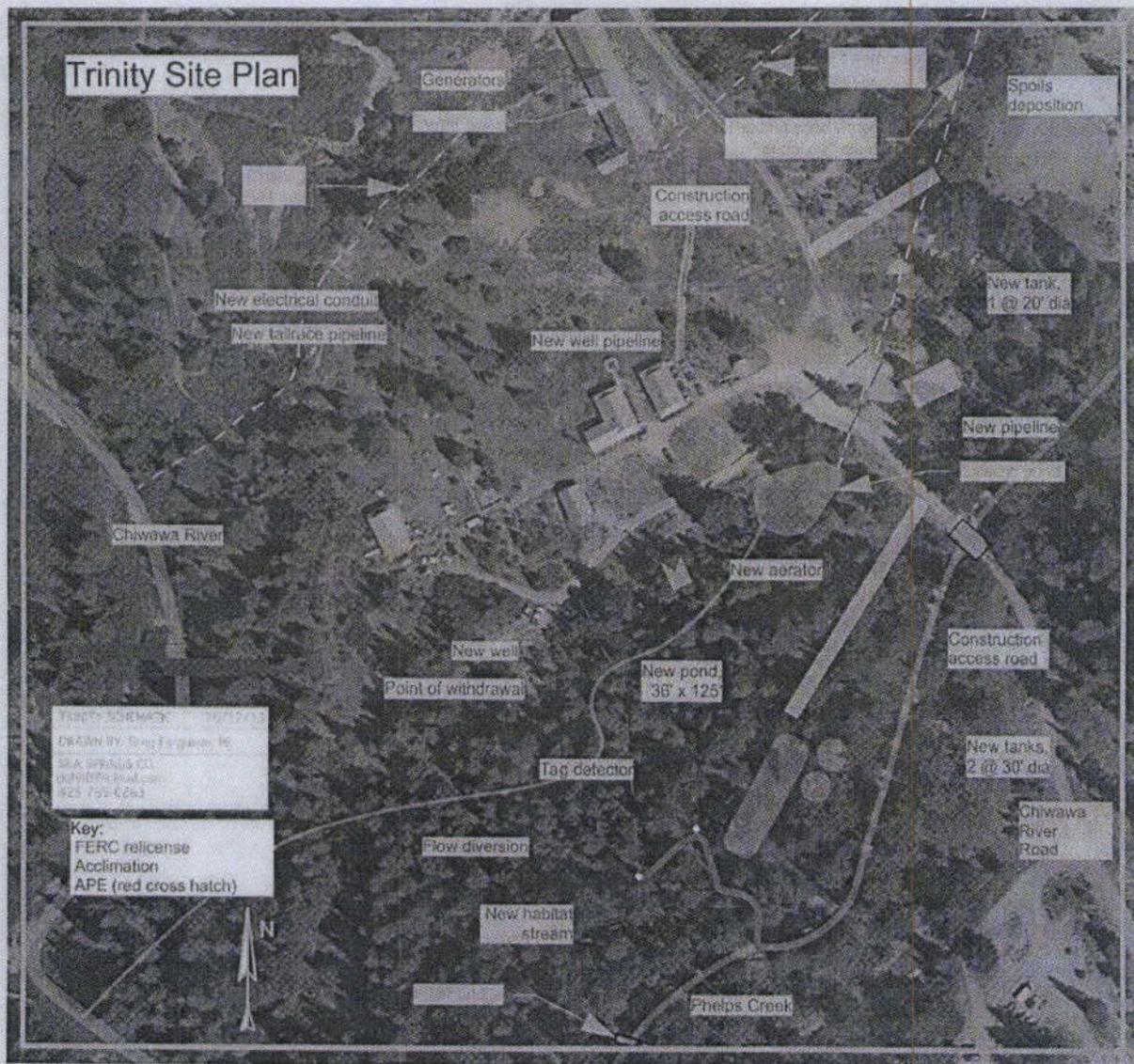
Provide owner name(s), address, and phone number:

Trinity Conservancy, Inc.
3139 E Lake Sammamish SE
Sammamish, WA 98075
206-399-1219

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: 401 certification DE 03WQR-5800. Certificate Record No. 1, Page 276 (appropriation permit no. 696 – July 30, 1928) referred to as "Phelps Creek Claim #180" for 30 cfs, as modified by a "Relinquishment of Part of Certificate of Surface Water Right" dated January 9, 1973, which reduces Certificate Record No.1, Page 276 to 5 cfs _____

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): A new well is proposed that will supply water to acclimation units during emergencies when the surface water supply fails. The well will be powered by a generator with an automatic transfer switch. The diameter and depth of the well have not yet been determined.

Following is a draft ground water withdrawal impact analysis from GeoEngineers done in August of 2013:

Trinity Groundwater Withdrawal Impact Analysis

The site is located within the northwest-southeast trending basin occupied by the Chiwawa River, near its confluence with the Phelps Creek, and is underlain by unconsolidated alluvium, glacial deposits, talus, and pyroclastic material. The underlying bedrock is predominantly Swakane biotite gneiss. The proposed groundwater source at the Trinity site is the unconsolidated surficial deposits overlying the bedrock. The lateral extent of the aquifer is generally restricted to the valley floor adjacent to

the Chiwawa River and Phelps Creek.

According to Washington State Department of Ecology records, there are no existing water-supply wells located in the vicinity of the site. If the site is used, a new backup well or wells would be completed within the unconsolidated alluvium composed of sand, gravel, silt and clay layers. It is likely that multiple wells would be needed to meet the proposed demand of approximately 560gpm (1.25 cfs). Due to the lack of existing well logs, the subsurface conditions at the site are not known. However, it is likely that a shallow aquifer exists that is in hydraulic continuity with the Chiwawa River and Phelps Creek.

Groundwater Levels. The proposed activities at the Trinity site could impact groundwater levels. However, there are no existing domestic wells within the potential groundwater source area of the Trinity site.

Surface Water Flows. Groundwater withdrawals could cause localized impacts to stream flows due to the potential that the source aquifer is in hydraulic continuity with surface water (Chiwawa River and Phelps Creek). Lower groundwater levels would likely reduce stream flow, the magnitude of which depends on the degree of hydraulic continuity between aquifer and surface water. However, any reduction in stream flow would be completely offset and balanced by return flows from the acclimation pond and would result in no regional impact to stream flow in the Wenatchee River basin.

Water Rights. The proposed activities at the Trinity site could impact groundwater water rights. However, there are no known groundwater rights within the potential groundwater source area of the Trinity site.

There are no surface water rights in the vicinity of the Trinity site. The surface water supplied for current uses on the site is from a surface water right associated with a diversion located approximately 2 miles upstream on Phelps Creek. The proposed activities at the Trinity site would not impact this or other surface water rights. Because of the water-balance neutrality of the proposed withdrawal of groundwater from an aquifer in hydraulic continuity with the stream and discharge of the groundwater back into the stream, there would be no regional impacts to stream flow upstream or downstream of the Trinity site."

Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

(Complete A or B, and C below)

A.) Domestic Water Systems only	B.) Municipal Water Systems only <i>(defined under RCW 90.03.015)</i>
Projected number of connections to be served: _____	Present population to be served water: _____
Type of connections: _____ <i>(e.g., home, recreational cabin)</i>	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? <input type="checkbox"/> YES <input type="checkbox"/> 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? <input type="checkbox"/> YES <input type="checkbox"/> 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

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 _____ and proposed capacity in kilowatts:

Describe works: _____

Indicate all uses to which power is to be applied: _____

FERC License No: _____

Mining/Industrial Use

Describe use, method of supplying and utilizing water: _____

Other Use

Fish Propagation (salmon acclimation) as part of the Mid-Columbia Coho Restoration Project _____

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: Three round fish tanks and excavated earthen pond will hold 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 Reservoir and a Dam Construction Permit and Application.

Section 10. DRIVING DIRECTIONS

Provide detailed driving directions to the project site:
Travel north on the Chiwawa River Road (US Forest Service Road 6200) to the end.

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.

Yakama Nation
Print Name
(Applicant or authorized representative)

Reid L. Brown

Print Name
(Legal Owner or Part Owner Place of Use)

H. Bruce Butts Jr.
Print Name
(Legal Owner or Part Owner Place of Use)

H. Bruce Butts Jr.

Signature

[Signature]

Signature

[Signature]

Signature

Date

9/12/14

Date

9/12/2014

Date

Please check the region in which the project is located:

*Submit your application to: DEPARTMENT OF ECOLOGY	<input type="checkbox"/> Central Regional Office 15 W Yakima Avenue, Suite 200 Yakima, WA 98902	<input type="checkbox"/> Eastern Regional Office 4601 N. Monroe Spokane, WA 99205-1295
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