

JOINT APPLICATION FOR PERMITS

U.S. ARMY CORPS OF ENGINEERS - IDAHO DEPARTMENT OF WATER RESOURCES - IDAHO DEPARTMENT OF LANDS

Authorities: The Department of Army Corps of Engineers (Corps), Idaho Department of Water Resources (IDWR), and Idaho Department of Lands (IDL) established a joint process for activities impacting jurisdictional waterways that require review and/or approval of both the Corps and State of Idaho. Department of Army permits are required by Section 10 of the Rivers & Harbors Act of 1899 for any structure(s) or work in or affecting navigable waters of the United States and by Section 404 of the Clean Water Act for the discharge of dredged or fill materials into waters of the United States, including adjacent wetlands. State permits are required under the State of Idaho, Stream Protection Act (Title 42, Chapter 38, Idaho Code and Lake Protection Act (Section 58, Chapter 13 et seq., Idaho Code). In addition the information will be used to determine compliance with Section 401 of the Clean Water Act by the appropriate State, Tribal or Federal entity.

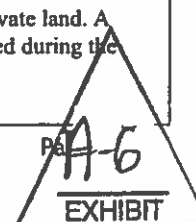
Joint Application: Information provided on this application will be used in evaluating the proposed activities. Disclosure of requested information is voluntary. Failure to supply the requested information may delay processing and issuance of the appropriate permit or authorization. Applicant will need to send a completed application, along with one (1) set of legible, black and white (8 1/2"x11"), reproducible drawings that illustrate the location and character of the proposed project / activities to both the Corps and the State of Idaho.

See Instruction Guide for assistance with Application. Accurate submission of requested information can prevent delays in reviewing and permitting your application. Drawings including vicinity maps, plan-view and section-view drawings must be submitted on 8-1/2 x 11 papers.

Do not start work until you have received all required permits from both the Corps and the State of Idaho

FOR AGENCY USE ONLY

USACE NWW-	Date Received:	<input type="checkbox"/> Incomplete Application Returned	Date Returned:
Idaho Department of Water Resources No.	Date Received:	<input type="checkbox"/> Fee Received DATE:	Receipt No.:
Idaho Department of Lands No.	Date Received:	<input type="checkbox"/> Fee Received DATE:	Receipt No.:
INCOMPLETE APPLICANTS MAY NOT BE PROCESSED			
1. CONTACT INFORMATION - APPLICANT Required:		2. CONTACT INFORMATION - AGENT:	
Name: Brianna Swette		Name: Ryan Colyer	
Company:		Company: Biota Research and Consulting, In.	
Mailing Address: 11038 HIGHWAY 75		Mailing Address: PO Box 8578	
City: Bellevue	State: ID	Zip Code: 83313	City: Jackson
			State: WY
			Zip Code: 83002
Phone Number (include area code):	E-mail: bswette@zoho.com	Phone Number (include area code): (307) 733-4216	E-mail: rcolyer@biotaresearch.com
3. PROJECT NAME or TITLE: Big Wood River Bank Restoration - Pale Gem LLC		4. PROJECT STREET ADDRESS: 11038 STATE HIGHWAY 75	
5. PROJECT COUNTY: Blaine	6. PROJECT CITY: n/a	7. PROJECT ZIP CODE: 83313	8. NEAREST WATERWAY/WATERBODY: Big Wood River
9. TAX PARCEL ID#: RP01N18001038A1	10. LATITUDE: 43.447045 LONGITUDE: -114.258052	11a. 1/4: NE 11b. 1/4: SW 11c. SECTION: I	11d. TOWNSHIP: 1N 11e. RANGE: 18E
12a. ESTIMATED START DATE: Oct 17, 2022	12b. ESTIMATED END DATE: Nov 11, 2022	13a. IS PROJECT LOCATED WITHIN ESTABLISHED TRIBAL RESERVATION BOUNDARIES? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Tribe:	
13b. IS PROJECT LOCATED IN LISTED ESA AREA? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		13c. IS PROJECT LOCATED ON/NEAR HISTORICAL SITE? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
14. DIRECTIONS TO PROJECT SITE: Include vicinity map with legible crossroads, street numbers, names, landmarks. Travel 1 mile south from Bellevue, ID on State Highway 75. Turn right (west) onto the Pale Gem LLC private driveway. The project area is located on the east bank of the Big Wood River.			
15. PURPOSE and NEED: <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private <input type="checkbox"/> Other Describe the reason or purpose of your project; include a brief description of the overall project. Continue to Block 16 to detail each work activity and overall project. There has been severe lateral channel migration through bank erosion in the project area in recent years resulting in considerable loss of private land. A review of aerial photography indicates that there has been over 200 ft of lateral channel migration since 2015, the majority of which occurred during the flood of 2017. This project is an effort to protect land uses and infrastructure while maximizing the fluvial functions and ecological values			



16. DETAILED DESCRIPTION OF EACH ACTIVITY WITHIN OVERALL PROJECT. Specifically indicate portions that take place within waters of the United States, including wetlands: Include dimensions; equipment, construction, methods; erosion, sediment and turbidity controls; hydrological changes: general stream/surface water flows, estimated winter/summer flows; borrow sources, disposal locations etc.:

The proposed restoration design plan for the project is to address the stability of the channel banks on the Pale Jem LLC property with bank stabilization treatments incorporating large wood structures, and revegetation treatments along the toe of the bank and on an existing floodplain bench to add roughness and increased stability. The project design plan also includes treatments to repair a failing rock barb structure and construct a rock toe in an area with increased bank erosion risk. An access ramp to the river will be constructed to increase safety in the project area.

The proposed restoration treatment length is approximately 650 lineal ft. The majority of the bank will be treated by installing willow cuttings by hand with a water jet stinger along the toe of the bank without significant bank grading to limit the disturbance of existing willow growth. Revegetation treatments also include the installation of brush trenches on an existing floodplain bench (0.046 acres). The proposed restoration also includes the installation of three (3) deflector jams and a rock toe. The rock toe will be comprised in 143 cy of Class IV rock and 23 cy of alluvium for bank grading with an additional 240 cy of rock required for log jam and rock barb repair scour protection. The upper bank in the area of the rock toe will require 136 cy of excavation and 49 cy of fill with an additional 44 cy of topsoil. The access ramp grading will require 68 cy of excavation. To maintain channel conveyance 82 cy of alluvium will be salvaged from a depositional area across from the rock toe and utilized for bedding and facing of project treatments.

17. DESCRIBE ALTERNATIVES CONSIDERED to AVOID or MEASURES TAKEN to MINIMIZE and/ or COMPENSATE for IMPACTS to WATERS of the UNITED STATES, INCLUDING WETLANDS: See Instruction Guide for specific details.

An alternative was considered that involved standard rip rapping of the existing bank face, but that solution does not support diverse riparian vegetation and restore functional riverine conditions within the Big Wood River. An alternative was considered to install rock barb structures but that solution could potentially negatively impact downstream landowners.

18. PROPOSED MITIGATION STATEMENT or PLAN: If you believe a mitigation plan is not needed, provide a statement and your reasoning why a mitigation plan is NOT required. Or, attach a copy of your proposed mitigation plan.

The need for mitigation is not required because the project will result in net benefits to the river system by reducing annual sediment load into the watercourse through elimination of the vertical eroding river bank, and by re-establishing riparian vegetation along the Big Wood River.

19. TYPE and QUANTITY of MATERIAL(S) to be discharged below the ordinary high water mark and/or wetlands:

Dirt or Topsoil:	_____	cubic yards
Dredged Material:	_____	cubic yards
Clean Sand:	_____	cubic yards
Clay:	_____	cubic yards
Gravel, Rock, or Stone:	383	cubic yards
Concrete:	_____	cubic yards
Other (describe): alluvium	23	cubic yards
Other (describe): wood	9	cubic yards
TOTAL:	415	cubic yards

20. TYPE and QUANTITY of impacts to waters of the United States, including wetlands:

Filling:	0.061	acres	26,571	sq ft.	415	cubic yards
Backfill & Bedding:	_____	acres	_____	sq ft.	_____	cubic yards
Land Clearing:	_____	acres	_____	sq ft.	_____	cubic yards
Dredging:	_____	acres	_____	sq ft.	_____	cubic yards
Flooding:	_____	acres	_____	sq ft.	_____	cubic yards
Excavation:	0.123	acres	5,375	sq ft.	82	cubic yards
Draining:	_____	acres	_____	sq ft.	_____	cubic yards
Other:	_____	acres	_____	sq ft.	_____	cubic yards
TOTALS:	0.184	acres	31,946	sq ft.	497	cubic yards

21. HAVE ANY WORK ACTIVITIES STARTED ON THIS PROJECT? NO YES If yes, describe ALL work that has occurred including dates.

22. LIST ALL PREVIOUSLY ISSUED PERMIT AUTHORIZATIONS:
none

23. YES, Alteration(s) are located on Public Trust Lands, Administered by Idaho Department of Lands

24. SIZE AND FLOW CAPACITY OF BRIDGE/CULVERT and DRAINAGE AREA SERVED: n/a Square Miles

25. IS PROJECT LOCATED IN A MAPPED FLOODWAY? NO YES If yes, contact the floodplain administrator in the local government jurisdiction in which the project is located. A Floodplain Development permit and a No-rise Certification may be required.

26a WATER QUALITY CERTIFICATION: Pursuant to the Clean Water Act, anyone who wishes to discharge dredge or fill material into the waters of the United States, either on private or public property, must obtain a Section 401 Water Quality Certification (WQC) from the appropriate water quality certifying government entity.
See Instruction Guide for further clarification and all contact information.

The following information is requested by IDEQ and/or EPA concerning the proposed impacts to water quality and anti-degradation:
 NO YES Is applicant willing to assume that the affected waterbody is high quality?
 NO YES Does applicant have water quality data relevant to determining whether the affected waterbody is high quality or not?
 NO YES Is the applicant willing to collect the data needed to determine whether the affected waterbody is high quality or not?

26b. BEST MANAGEMENT PRACTICES (BMP's): List the Best Management Practices and describe these practices that you will use to minimize impacts on water quality and anti-degradation of water quality. All feasible alternatives should be considered - treatment or otherwise. Select an alternative which will minimize degrading water quality

Project implementation would occur during a seasonal period of low instream flow. The work area would be isolated from flowing water through use of a temporary coffer dam comprised of alluvium, concrete ecology blocks, super sack, or equivalent. A silt curtain will be installed downstream of the isolated work area to further reduce the potential for fine sediment mobilization. A tracked excavator will be used to excavate and place construction materials, and will not drag or pull material along the river bed. All equipment will be stored in upland areas within the project area, and will access project treatment locations via established equipment routes.

Through the 401 Certification process, water quality certification will stipulate minimum management practices needed to prevent degradation.

27. LIST EACH IMPACT to stream, river, lake, reservoir, including shoreline: Attach site map with each impact location.

Activity	Name of Water Body	Intermittent Perennial	Description of Impact and Dimensions	Impact Length Linear Feet
Bank revegetation	Big Wood River	Perennial	stabilize channel banks with willow cutting bundles	440
Rock Toe Treatment	Big Wood River	Perennial	establish rock toe to protect bank stabilization	77
Deflector log jams	Big Wood River	Perennial	install deflector log jams to improve hydraulics along banks	105
Repair Rock Groin	Big Wood River	Perennial	repair failing rock groin structure	40
TOTAL STREAM IMPACTS (Linear Feet):				662

28. LIST EACH WETLAND IMPACT include mechanized clearing, fill excavation, flood, drainage, etc. Attach site map with each impact location.

Activity	Wetland Type: Emergent, Forested, Scrub/Shrub	Distance to Water Body (linear ft)	Description of Impact Purpose: road crossing, compound, culvert, etc.	Impact Length (acres, square ft linear ft)
n/a				
TOTAL WETLAND IMPACTS (Square Feet):				

29. ADJACENT PROPERTY OWNERS NOTIFICATION REQUIREM: Provide contact information of ALL adjacent property owners below.

<p>Name: Peter Nils Skillman</p> <p>Mailing Address: 3649 W MERCER WAY</p> <p>City: State: Zip Code: Mercer Island WA 98040</p> <p>Phone Number (include area code): E-mail:</p>	<p>Name: Rebecca Dahl Cookston</p> <p>Mailing Address: 75 STERLING DR</p> <p>City: State: Zip Code: Bellevue ID 83313</p> <p>Phone Number (include area code): E-mail:</p>
<p>Name: Eccles Window Rock Ranch LLC</p> <p>Mailing Address: ATTN: ELLEN HAMMOND, 79 S MAIN ST FL 2</p> <p>City: State: Zip Code: Salt Lake City UT 84111</p> <p>Phone Number (include area code): E-mail:</p>	<p>Name: Michael and Cydney Conger</p> <p>Mailing Address: PO BOX 2077</p> <p>City: State: Zip Code: Boise ID 83701</p> <p>Phone Number (include area code): E-mail:</p>
<p>Name: Walker Family Trust</p> <p>Mailing Address: 610 BONANZA LN</p> <p>City: State: Zip Code: Hailey ID 83333</p> <p>Phone Number (include area code): E-mail:</p>	<p>Name:</p> <p>Mailing Address:</p> <p>City: State: Zip Code:</p> <p>Phone Number (include area code): E-mail:</p>
<p>Name:</p> <p>Mailing Address:</p> <p>City: State: Zip Code:</p> <p>Phone Number (include area code): E-mail:</p>	<p>Name:</p> <p>Mailing Address:</p> <p>City: State: Zip Code:</p> <p>Phone Number (include area code): E-mail:</p>

30. SIGNATURES: STATEMENT OF AUTHORIZATION / CERTIFICATION OF AGENT / ACCESS

Application is hereby made for permit, or permits, to authorize the work described in this application and all supporting documentation. I certify that the information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein; or am acting as the duly authorized agent of the applicant (Block 2). I hereby grant the agencies to which this application is made, the right to access/come upon the above-described location(s) to inspect the proposed and completed work/activities.

Signature of Applicant: Briana Swetta Date: 7/6/22

Signature of Agent:  Date: 6/24/22

This application must be signed by the person who desires to undertake the proposed activity AND signed by a duly authorized agent (see Block 1, 2, 30). Further, 18 USC Section 1001 provides that: "Whoever, in any manner within the jurisdiction of any department of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both".

Include the following with your application: (Include as applicable, additional information may be requested for review)

Application Fee (\$600.00)

Refundable Board Fee (\$50.00)

Surrounding Landowner Notices
(Current postage + .15¢ ea)

A cross section of the area to be altered, if requested by County Engineer, showing the stream channel, floodway limit lines, elevation of land areas adjacent to base flood elevations according to the Flood Insurance Study.

Map showing names of property owners, including private road owners, on both sides of the stream, 300 feet upstream and 1,000 feet downstream from the proposed work site. Names and addresses of these landowners typed on mailing labels.

A copy of completed Joint Application for Permit U. S. Army Corps of Engineers (COE), Idaho Department of Water Resources (IDWR), and Idaho Department of Lands (IDL) including color photographs of project area.

Plan of sufficient scale (no less than 1" = 500') showing: (1) location of the lot in relation to the stream channel, floodway and floodplain, (2) existing overflow channels, and (3) impact and access to, through, and existing condition of riparian areas, including a plan for re-vegetation. Special attention should be made to items 5, 6, 8, 9, and 10 in the Joint COE, IDWR & IDL application.

A statement to address potential beneficial and adverse impacts of the project, including the areas upstream, downstream and across the stream. In addition, the application shall include a written statement by a licensed engineer that the project will have no adverse impact or that such impacts have been identified and mitigated to the maximum extent feasible.

Certification from an Idaho Registered Engineer that as a result of this project the fill proposed to be placed within the FEMA-defined floodway will not increase the base flood elevation upstream or downstream. (Refer to §9-17-11D.3 of Blaine County Zoning Ordinance).

Review and address the evaluation standards by which the County will review and decide upon the application. Said standards are contained in Zoning Ordinance, Chapter 17, §9-17-11D.1-6 and are listed below on this form.

Five (5) copies of all application materials.

Other _____

Criteria For Evaluation: The applicant shall show that the criteria of Blaine County Code, Title 9, Chapter 17 has been satisfied. The commission or the board shall consider other requirements specified in Chapter 17, as well as the following:

1. The applicant has applied for permits from COE and IDWR. If the watercourse runs through neighboring city, they shall be sent a copy of the application, at the direction of the Administrator, to notify them of possible stream alterations. Copy shall be sent if the project is within one thousand feet (1,000') downstream or one mile upstream.
2. The proposed stream alteration shall have no adverse impact on the property of another person or entity, including the areas upstream, downstream and across the stream. No adverse impact means that the proposed use or activity will not have any deleterious impacts in terms of increased flood peaks, flood stage, flood velocity, erosion and sedimentation, or water quality or those impacts that have been identified and mitigated to the maximum extent feasible.
3. The stream alteration desired will not involve placing an encroachment, structure, fill, deposit, obstruction, storage of materials or equipment in the floodway, all of which are prohibited by subsection 9 17 5B3 of this Chapter, unless certification by a registered engineer is provided and accepted by the County Engineer, demonstrating that encroachments shall not result in any increase in flood levels during the occurrence of the 100-year flood discharge and other standards of this Section are met.
4. The stream alteration desired shall not have any adverse impacts or go against the stated purposes of the Floodplain Management District (Section 9-17-2) and the Stream Alteration Permit program (subsection 9-17-11A of this Chapter).
5. The proposed application (use) does not conflict with the local public interest, i.e., the affairs of the people in the area directly affected by the proposed use. This includes, but is not limited to, property values, fish and wildlife habitat, aquatic life, recreation, aesthetic beauty, water quality or an impact upon a locally important factor. The burden of proof always rests with the applicant.
6. The following extraordinary circumstances may favor the granting of a stream alteration permit:
 - a. If the river tries to change to a channel outside of the floodway.
 - b. If the viability of the irrigation structure or water delivery system is threatened.
 - c. If a road or bridge which provides access to homes or businesses is threatened.
 - d. If an existing home or building envelope in a platted subdivision is threatened.
 - e. If severe erosion or severe sedimentation of land is threatened.
 - f. If a public facility (sewer plant/school etc.) or other use which would affect the chemical quality of the river is threatened.