

# 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 (8½"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: Troy Pearse, Conservation Officer				Name:			
Company: Boise Valley Fly Fishers				Company:			
Mailing Address: PO Box 311				Mailing Address:			
City: Boise		State: ID	Zip Code: 83701	City:		State:	Zip Code:
Phone Number (include area code): 2088701025		E-mail: tpearse@gmail.com		Phone Number (include area code):		E-mail:	

3. PROJECT NAME or TITLE: New Dry Creek Spawning Channel				4. PROJECT STREET ADDRESS: West end of Duck Lake Drive, Garden City				
5. PROJECT COUNTY: Ada		6. PROJECT CITY: Garden City		7. PROJECT ZIP CODE: 83714		8. NEAREST WATERWAY/WATERBODY: Boise River		
9. TAX PARCEL ID#: S0523427850		10. LATITUDE: 43.6672616369 LONGITUDE: -116.299513107		11a. 1/4: SW	11b. 1/4: SE	11c. SECTION: 23	11d. TOWNSHIP: 4N	11e. RANGE: 1E
12a. ESTIMATED START DATE: December 01, 2020		12b. ESTIMATED END DATE: March 1, 2021		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.

The project is located on the south side of the New Dry Creek diversion in Garden City, Idaho. It is an established side-channel that starts just above the diversion and runs to approximately 1,000 feet below the diversion. To access the project drive to the West end of the Riverwoods subdivision off of Duck Lake Drive. Nearest street address is 9020 W Duck Lake Dr Garden City, ID 83714. Take the greenbelt path to site. Vicinity map attached.

15. PURPOSE and NEED:     Commercial     Industrial     Public     Private     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.

Smaller river gravels needed for trout spawning have washed downstream on the Boise River and Lucky Peak dam has stopped new gravel from replacing them. This project will add smaller washed river gravels to specific areas in the side channel that have been reviewed with IDF&G as good trout spawning sites. Once completed the side channel will be more productive for rainbow trout spawning which will improve the fishing in the Boise river.

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.:

We reviewed similar projects done by the local Trout Unlimited chapter, including the gravel additions done at Heron Park in Garden City in 2019, under Permit No S63-20780, which is very similar to what we are planning to do.

We have met with the Regional Fisheries Manager from IDF&G to review this project as well as Mike Dimmick the district manager for the Boise River Flood Control District #10.

We will be coordinating accessing the side channel to coincide with the Flood District's winter channel maintenance work in this area which normally occurs between November and March when river flows are at minimum flows.

Up to ten cubic yards of washed, uncrushed river gravel will be placed into the side channel during low "winter flows" (250cfs - 300cfs) and shaped into several spawning beds each approximately 20-25 feet long by 5-10 feet wide and 6 inches deep. Gravels will be dumped beside the river and shaped into the spawning beds using landscape rakes.

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.

The gravels being added are uncrushed between 1/2" to 1 1/2" in diameter and are washed with no sand particles, silt or clay. After the gravels are spread out they will be under the surface of the water such that in spring runoff conditions they are 2 - 4 feet deep. No gravel piles will protrude above the surface of the water and no other disturbance to the existing substrate will occur.

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.

No formal mitigation plan is needed for this project because no disturbance to the banks or existing substrate will occur. The added gravels will benefit both trout spawning habitat as well as improve habitat for aquatic insects.

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: \_\_\_\_\_ cubic yards  
 Concrete: \_\_\_\_\_ cubic yards  
 Other (describe): Spawning Gravel : 10 cubic yards  
 Other (describe): \_\_\_\_\_ : \_\_\_\_\_ cubic yards

TOTAL: \_\_\_\_\_ 10 cubic yards

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

Filling: \_\_\_\_\_ acres \_\_\_\_\_ sq ft. \_\_\_\_\_ 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: \_\_\_\_\_ acres \_\_\_\_\_ sq ft. \_\_\_\_\_ cubic yards  
 Draining: \_\_\_\_\_ acres \_\_\_\_\_ sq ft. \_\_\_\_\_ cubic yards  
 Other: \_\_\_\_\_ : \_\_\_\_\_ acres \_\_\_\_\_ sq ft. \_\_\_\_\_ cubic yards

TOTALS: \_\_\_\_\_ acres \_\_\_\_\_ sq ft. \_\_\_\_\_ 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: 2760 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

The Boise river at this location is an urban waterway. Water quality has been documented by the Boise River Enhancement Network (BREN) in a June 2015 report "Lower Boise River Water Quality" as being impacted by agriculture, urbanization, channelization and only exceeding water quality criteria occasionally.

To minimize any potential impacts to water quality the gravel additions will be done during winter "low flows" and will coincide with yearly maintenance work being done by the Boise River Flood District 10.

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
Addition of spawning gravel	Boise River	Perennial	Addition of spawning gravel	100
<b>TOTAL STREAM IMPACTS (Linear Feet):</b>				100

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)
				0
<b>TOTAL WETLAND IMPACTS (Square Feet):</b>				0

