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DEPT. OF WATER RESOURCES
SOUTHERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of IdahoIdent. No. 72-168731. Name of applicant(s) Petersen Ranch Trust c/o Gary Petersen Phone (435) 688-2220
Name connector (check one): ☐ and ☐ or ☐ and/orMailing address: 207 Painted Hills Drive City IdvinsState Utah Zip 84738 Email: _____2. Source of water supply well which is a tributary of _____

3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	¼	¼	¼	County	Source	Local name or tag #
12N	19E	7		NE	SE	NW	Custer	Well	

4. Water will be used for the following purposes:

Amount 0.334 cfs for irrigation purposes from 4/01 to 10/31 (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)5. Total quantity to be appropriated is (a) 0.334 cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. 10 hp. submersible pump and pivot sprinkler system

b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 11.

For dams 10 feet or more in height OR reservoirs with a total storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☒ Noc. Proposed well diameter is 10" inches; proposed depth of well is 100' feet.d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ Noe. If well is already drilled, when? _____; drilling firm _____;
Well was drilled for (well owner) _____; Drilling Permit No. _____

7. Description of proposed uses (if irrigation only, go to item 8):

a. Hydropower; show total feet of head and proposed capacity in kW. _____

b. Stockwatering; list number and kind of livestock. _____

c. Municipal; show name of municipality or the applicant's qualifications as a municipal provider. _____

d. Domestic; show number of households _____

e. Other; describe fully. _____

8. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
12N	19E	07								20									

Total number of acres to be irrigated: 20

9. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? 72-4077 is used to irrigate this field currently. The groundwater right is intended as a replacement right. Water right 72-4077 will be placed in the Water Supply Bank to improve instream flow in Bayhorse Creek and the Salmon river as part of a IWRB transaction.
10. a. Who owns the property at the point of diversion? Petersen Ranch Trust
- b. Who owns the land to be irrigated or place of use? Petersen Ranch Trust
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____
11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. Gary Petersen, Petersen Ranch Trust, is working with the Idaho Department of Fish and Game (IDFG) and Idaho Water Resource Board to improve fish passage in Bayhorse Creek. This well and pivot system will replace the historical flood irrigation that is currently conveyed through a mile long ditch, along a dry hillside, to the field. This project is in conjunction with other water conservaton projects the Petersen Family, and Howard Cutler are pursuing with IDFG in Bayhorse Creek. The landowner is working with the IWRB to develop a water transaction to rent right 72-4077 for delivery to the 75-14187 stream flow.
12. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year).
13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Signature of Applicant

Print Name (and title, if applicable)

Signature of Applicant

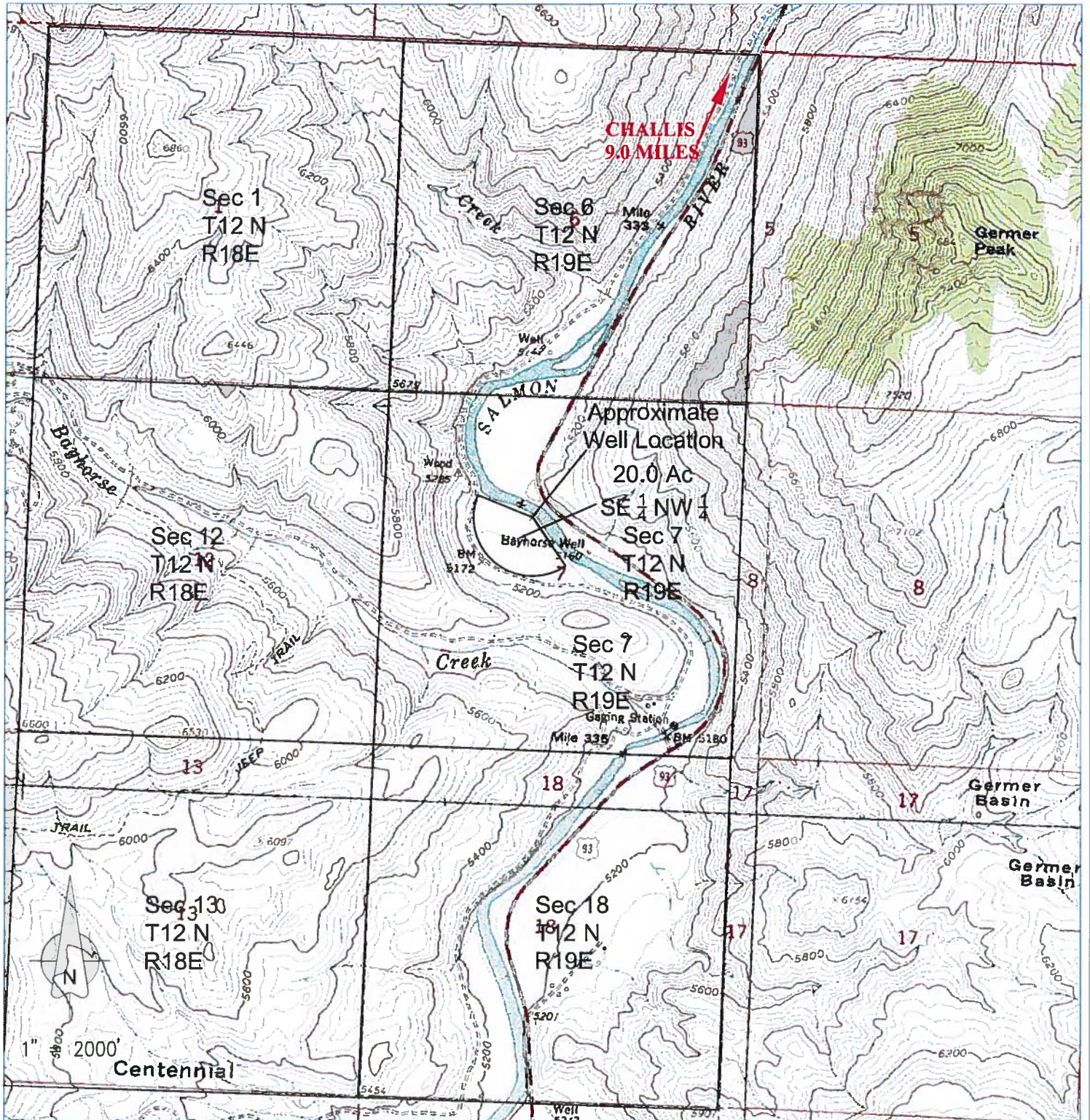
Print Name (and title, if applicable)

For Department Use:

Received by _____ Date _____ Time _____ Preliminary check by _____

Fee \$ 250⁰⁰ Received by S.O. Receipt No. BILL 0668 Date 4/19/11

WATER RESOURCES MAP



BAYHORSE DIVERSION
CONSOLIDATION
7.5' Topo: Bayhorse, Idaho
SEC 7 T12N R19E



Natural Resources Conservation Service
United States Department of Agriculture

BAYHORSE DIVERSION
CONSOLIDATION
WATER RESOURCES MAP

F:\ENGINEERING\TIM'S PROJECTS\PROJECTS\F&G BAYHORSE CREEK\DOWN-MAP.DWG: Yab: CULTURAL_ADOBE Date: 03/18/2011 02:32:28 PM File Last Updated: Fri, 18 Mar 2011

Designed _____ Date _____
Drawn T.E.D. 03/18/2011
Checked _____
Approved _____

File Name
Drawing Name
ldwr-MAP.dwg

Sheet 1 OF 1