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STATE OF IDAHO

Ident. No. 92-10101

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

IDWR / NORTH

1. Name of applicant(s) GAIL D HAGEN Phone 208-790-4917
 Name connector (check one): ☐ and ☐ or ☐ and/or
 Mailing address: ~~2245 RESERVOIR RD~~ 1633 Airway Ave City ~~CLARKSTON~~ Lewiston
 State WA Zip ~~98548~~ 83501 Email: N/A Idaho
2. Source of water supply CRYSTAL CREEK which is a tributary of ST MARIES RIVER
3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
44N	1E	30			SE	NE	BENEWAH	CRYSTAL CREEK	N/A

4. Water will be used for the following purposes:

Amount 0.2 CFS for DIVERSION TO STORAGE purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)

Amount 0.2 CFS for RECREATION purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)

Amount 7.7 AF for RECREATION STORAGE purposes from 1/1 to 12/31 (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) 0.2 cubic feet per second (cfs) and/or (b) 7.7 acre-feet per year (af).

6. Proposed diverting works:

- a. Describe type and size of devices used to divert water from the source. GRAVITY FLOW FROM CREEK BY MEANS OF A 6 OR 8 INCH DIAMETER PIPE WITH A CONTROL A GATE ATTACHED TO THE ENTRANCE
- b. Height of storage dam 10 feet; active reservoir capacity 4.6 acre-feet; total reservoir capacity 4.6 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 ☒ No
- c. Proposed well diameter is N/A inches; proposed depth of well is N/A feet.
- d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ No
- e. If well is already drilled, when? N/A; drilling firm N/A;
 Well was drilled for (well owner) N/A; Drilling Permit No. N/A

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

- a. Hydropower; show total feet of head and proposed capacity in kW. N/A
- b. Stockwatering; list number and kind of livestock. N/A
- c. Municipal; show name of municipality or the applicant's qualifications as a municipal provider. N/A
N/A
- d. Domestic; show number of households N/A
- e. Other; describe fully. RECREATION USE IS FOR FISHING SWIMMING AND BOATING

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	
44N	1E	30				R													

Total number of acres to be irrigated: _____

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? NONE

10. a. Who owns the property at the point of diversion? APPLICANT
- b. Who owns the land to be irrigated or place of use? APPLICANT
- 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. _____

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.

Gail Hagen
Signature of Applicant

GAIL HAGEN
Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)

For Department Use:

Received by [Signature] Date 1/7/11 Time _____ Preliminary check by _____
 Fee \$ 100.00 Received by [Signature] Receipt No. N026425 Date 1/7/11

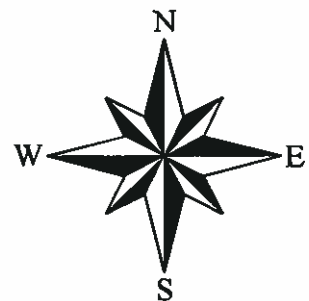
92-10101



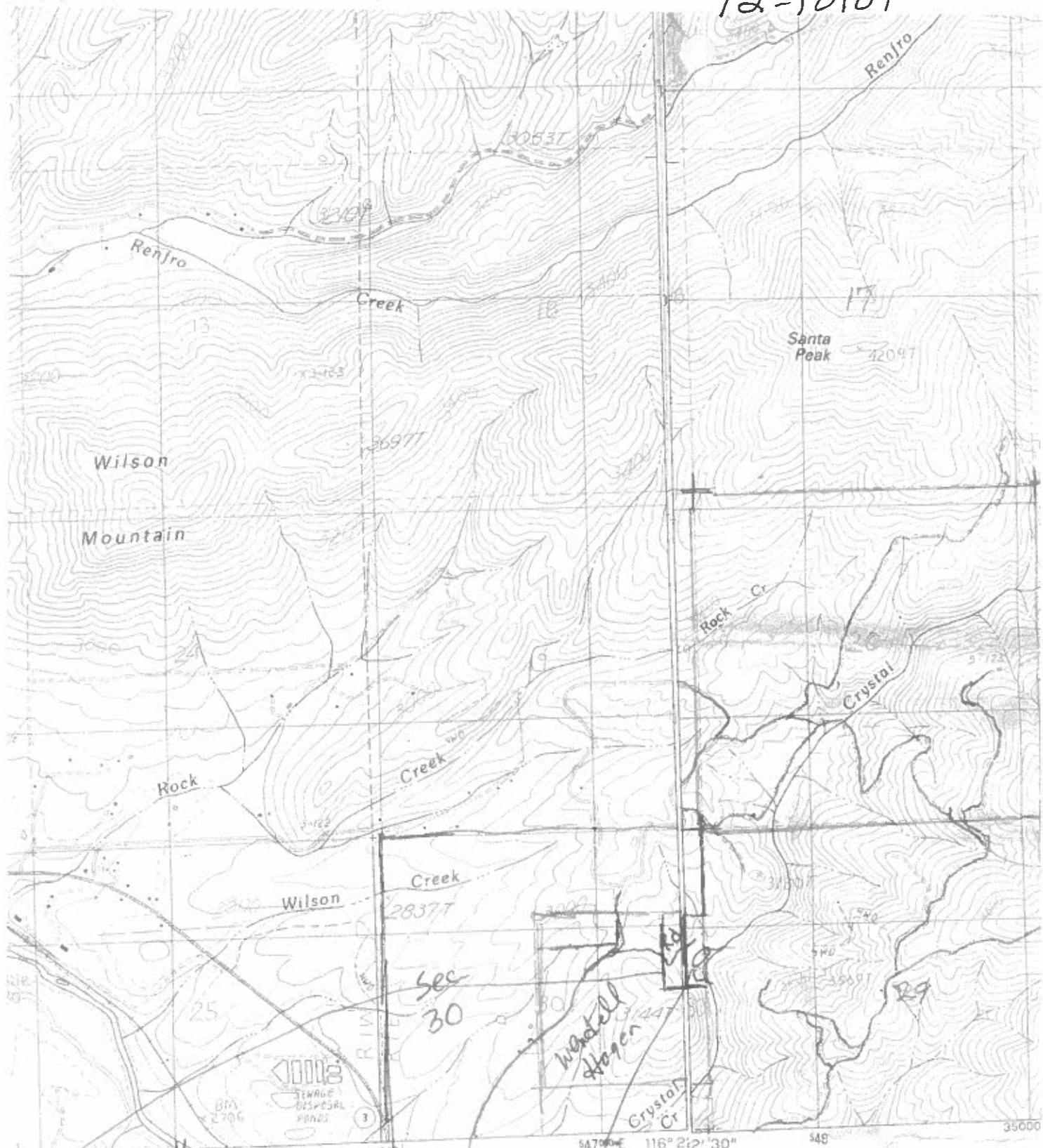
0 87.5 175 350 525 700 Feet

Legend

-  workingpod
-  workingpou
-  QQ
-  Taxlots



92-10101



SE 1/2 of SE 1/4
of the NE 1/4 of
S-30
T44N R1E

Lot 849
Crystal Cr. Div 2

Fish pond

call
208-7461994

UNITED STATES GEOLOGICAL SURVEY	
USGS AND NOS/NOAA	
AERIAL PHOTOGRAPHS TAKEN	1957
AERIAL PHOTOGRAPHS TAKEN	1987
1988 MAP EDITED	1990
TRANSVERSE MERCATOR	
ZONE 11	
IDAHO, WEST ZONE	
919 EAST	

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HAGEN POND

POND SIZE: 100' X 200' X 10' = 200,000 SQFT = 4.6 AF

EVAPORATION: 1247 GPD X 365 DAYS / 325,850 GAL/AF = 1.4 AF

SEEPAGE: 1496 GPD X 365 DAYS / 325,850 GAL/AF = 1.7 AF

RECREATION DIVERSION IS FOR FLOW THROUGH THE POND TO KEEP IT FRESH
ON A DAILY BASIS: 0.2 CFS X 365 DAYS X 1.9835 CFS/AF = 144.8 AF

0.2 CFS	DIVERSION TO STORAGE		
0.2 CFS	RECREATION		
7.7 AF	RECREATION STORAGE	a.) POND SIZE	4.6 AF
		b.) EVAPORATION	1.4 AF
		c.) SEEPAGE	1.7 AF
	TOTAL		7.7 AF