

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

1. Name of Applicant Columbine Telephone DBA Silverstar Communications 208-354 6700
Mailing address P.O. Box 900 Driggs Idaho 83422
2. Source of water supply Ground Water which is a tributary of _____
3. Location of point of diversion is Township 5N Range 45E Sec. 23, in the NE 1/4, SE 1/4, NW 1/4, Govt. Lot _____, B.M., Teton County;
additional points of diversion if any: _____
4. Water will be used for the following purposes:
Amount .18 for Heating & Cooling purposes from 1 Jan to 31 Dec (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) .18 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Describe type and size of devices used to divert water from the source well and pump to a closed loop heat pump.
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet
 - c. Proposed well diameter is 8" inches; proposed depth of well is 200' feet
 - d. Is ground water with a temperature of greater than 85°F being sought? NO
 - e. If well is already drilled, when? NO; Drilling firm Teto Drilling;
Well was drilled for (well owner) _____; Drilling Permit No. _____
7. Time required for completion of works and application of water to proposed beneficial use is 1 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
 - 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.
 - d. Domestic; show number of households.
 - e. Other; describe fully. Heat Exchange

9. 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	
5N	45E	23								X									

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. NONE

11. 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: _____

12. Remarks: This use is non consumptive. the water used will be re-injected after running through heat pump.

13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½"x11" 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.)

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Arnon Ferber Engineering &
Signature of Applicant (and title, if applicable) Plant Manager

Received by AMS Date 4 May 2006 Time 10:56 Preliminary check by _____

Fee \$ 100.00 Received by Katy # ED31864 Date 4 May 06
Publication prepared by DL Date 5/18/06 Published in Teton Valley News
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