

MEMORANDUM

TO: File

FROM: Steve Lester 

DATE: May 23, 2007

RE: Application for Permit No. 65-23111

This application was expedited based on a reasonable request by the Cascade School District – see database comments for more details. As sometimes happens with expedited situations, things got a little messy but worked out okay in the long run as summarized by the following timeline:

12/4/06 - original application filed, some items need attention.

12/06-1/07 - SO Energy staff inquired about application status, probably due to recent increased interest in geothermal resources. Discussed possible expedited processing.

Early 2007 - several calls received at Western from Seattle consulting firm acting on applicant's behalf (nothing formally received from applicant about consultant). Discussed expedited processing, "test well" issues etc.

3/28/07 - letter from applicant received, consultant identified as contact, request for expedited processing.

March-April 2007 - several calls with consultant to clarify application details. Sufficient foundation for legal notice to proceed while minor application revisions were underway (would not change intent/scope of application).

4/30/07 - additional information requested by IDWR, original application returned to consultant for revisions while legal notice being published.

1st half May 2007 – legal notice published, no protests.

5/14/07 – original application returned with additional information that was requested, not all items clarified, revisions not endorsed on original form by applicant, rate slightly increased from 1.34 to 1.37 cfs, contradicts original application (see attachment to this memo) and legal notice.

5/17/07 to now – discussed problems with consultant, agreed to revise application back to original rate, applicant had someone hand-deliver original application to Cascade for

corrections and endorsement, original returned to IDWR with all items correctly clarified and endorsed on the application by 5/22/07.

CONCLUSION

Although messy and sometimes frustrating, in this case everything worked out and we met our statutory obligations. Expedited processing resulted in an approvable application and avoided the need for often messy “test well” complications.

The applicant’s additional information justified the requested amount of water (Appl. Memo #23 therefore n/a). Non-consumptive use is explained by an injection well application pending at SO. The 1.34 cfs rate is sufficient for now. As noted by the consultant’s report, the system might never need the additional 0.03 cfs. Another application can be filed later if necessary as discussed with the consultant in recent phone calls.

Recommend approval with standard conditions, non-consumptive use, heating/cooling for Cascade School District facilities, 5 years to develop.

RECEIVED

Ident. No. 65-23111 12/99

DEC 8 5 2006

WATER RESOURCES
WESTERN REGION

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of Applicant Cascade School District Phone (208) 382-4227
 Mailing address 209 No. School Street (PO Box 291) Cascade, ID 83611
2. Source of water supply groundwater which is a tributary of **AMENDED**
3. Location of point of diversion is Township 14N Range 03E Sec. 25, in the SW $\frac{1}{4}$,
SW $\frac{1}{4}$, Govt. Lot _____, B.M., Valley County;
 additional points of diversion if any:

4. Water will be used for the following purposes:

- Amount 970 ac-ft/yr for space heat/cooling purposes from Jan 1 to Dec 31 (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) 1.34 and/or (b) 970 **N/A**

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 original intent 1.34 cfs

- 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 800 feet

- d. Is ground water with a temperature of greater than 85°F being sought? Yes

- e. If well is already drilled, when? No; Drilling firm _____;

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 5 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. Water source heating and cooling for Cascade School District buildings in Cascade, ID

*Copy of original Appl. front page
 BEFORE AMENDED*

SOAL 1000
 APR 16 2007