



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082

PHONE: (208) 334-2190 FAX: (208) 334-2348 www.idwr.idaho.gov

C.L. "BUTCH" OTTER, Governor
DAVID R. TUTHILL, JR., Director

July 2, 2007

KDB LLC
PO BOX 687
CASCADE ID 83611

Re: Application for Permit No. 65-23098

Dear Applicant:

You filed an application for a new water right last September. Apparently the application proposes about 60 acre-feet of pond storage. The application needs to be amended as explained in this letter and the enclosed notes.

A better map and clear list of total number of ponds plus pond capacities are needed. Additionally, some application items are incomplete. Also, you might need to file more than one application if separate pond systems are proposed.

The enclosed notes outline the necessary information to amend your application and/or file additional applications. Additional forms are provided if other applications are necessary (see notes).

Whether the source is shallow ground water from excavated sites or surface water of some type, the source is presumed to be hydraulically connected to the larger Payette River drainage. Hydraulically connected sources within the Payette River system are subject to control of the Payette River Watermaster, Ron Shurtleff. A new approval would require annual mitigation for the consumptive use from ponds. The consumptive use is the evaporative losses due to pond storage (see notes for calculating the evaporative losses from pond surface areas). The Watermaster can provide you with more information about the necessary mitigation for your application(s). You can contact him in Payette at 208-642-4465 for more details about mitigation via the rental pool, which involves an annual lease of storage water in the Payette system to offset your proposed water right. The purpose of mitigation is to protect senior water rights.

Please submit an amended application, and other applications if necessary, for processing to continue. You may request up to six months of additional time to work on Application 65-23098 if needed. In either event, your written response must be received within the next ninety (90) days. Application 65-23098 will be voided without a timely written reply.

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IDWR forms and other information are available on the Internet at www.idwr.idaho.gov. Please contact me at 208-334-2190 if you need more information or additional help. Thank you for your attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "Steve Lester".

Steve Lester

Water Rights Supervisor

Enclosure: Copy of Application 65-23098
 Notes for Application 65-23098
 Application for Permit Forms

APPLICATION 65-23098
IDWR NOTES

6/29/2007 

Application lists T14N R4E Section 3 but application plats describe T14N R4E Section 33 & T13N R4E Section 3 – written description in application and map need to agree.

✓ ITEM 2 - SOURCE

Existing ponds leftover from excavation, source is ponds.

Proposed ponds by excavating to expose ground water, source is ground water.

Proposed ponds by impounding surface water, source is named source on topo or “unnamed stream” if not named on topo (runoff etc.).

*Ok - g.w. source
per 7/12/07 clarification
-JL*

✓ ITEM 3 - POINTS OF DIVERSION

Ponds via excavation, no dam, points of diversion are approximate centers of ponds.

Ponds via dams to impound surface water, points of diversion are dams.

Mark all ponds & points of diversion on map, make sure ¼ ¼ section info from map agrees within written description.

For multiple ponds, need to show they constitute 1 physical system such as interconnected by ditches or pipes. This is because an application is limited to 1 system. Otherwise file separate applications for separate systems.

✓ ITEM 4 & 5 - AMOUNT & USE OF WATER

Amount of water is total capacity of ponds in acre-feet plus any refill for evaporative losses, list in application items 4 & 5b.

Estimate total capacity by providing list of ponds, show total surface area in acres (43,560 sq. ft. per acre) and average depth in feet for each pond, capacity = area x depth = acre-feet.

Estimate total refill for evaporative losses as follows:

$$\text{total acres covered by ponds} \times \frac{30 \text{ inches/yr}}{12 \text{ inches/ft}} = \text{ ______ acre-feet evap per year}$$

(ponds in your area evaporate about 30 inches/water per surface area acre per year)

List uses as aesthetic storage & recreation storage.

If divert stored water to another area for use (such as re-circulating between multiple ponds), list some amount of storage capacity acre-feet as “aesthetic from storage” & recreation from storage” – but this does not increase the amount of water items 4 & 5b, just lists another use for some of same water.

Include some type of diagram showing how water would be diverted from storage and used if that will happen.

✓ ITEM 6 – DIVERSION WORKS

6a – briefly describe how will store water, how will divert from storage if applicable.

6b– list capacity of ponds without refills, let active = total capacity; list dam size if applicable or enter “n/a excavated” if no dams.

6d – if ground water source, temp greater than 85 degrees F?

✓ ITEM 8E – DESCRIPTION OF USES

Provide more info about uses, such as “amenity & swimming, fishing, boating ponds.”

✓ ITEM 9 – PLACE OF USE

Mark all places of use on map and make sure that agrees with chart. Do not list any other information in this item (don’t put “60” or other details).

Apparently use will be for Whispering Pines Subdivision, list that in Item 12, Remarks.

✓ APPLICATION MAP

Suggest use enclosed topo to mark diversion and use points, make sure agrees with Items 3 and 9.

FEE

✓ ok

Paid \$250, good for up to 100 AF of storage. Let me know if total storage (capacity + refill) will exceed 100 AF, can see how much more money would be due.

Also let me know if need to file more than 1 application due to separate systems, can determine fee for each application based on your details.