

State of Idaho
Department of Water Resources

RECOMMENDATION OF WATERMASTER

Application No: 73641
Water Right No: 45-7107
Applicant Name: Anderland

Watermaster's Recommendation:

- a) ☐ I do not oppose approval of this application
- b) ☒ I do not oppose approval of this application if it is conditioned as follows:

Rate for 45-14067 should be approved at 0.12 as requested in application.
Combined limits for 45-13394, 45-13396 and 45-14067 should be 0.64. (see comments)
Otherwise, OK as drafted.

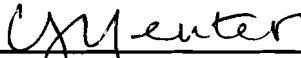
- c) ☐ I oppose approval of this application(s) for the following reasons:
- d) ☒ Additional comment:

I don't agree that the appurtenant rate per acre under 45-7107 must be transferred. Flows obtained under the first transfer (.52 cfs for 106 AF) were likely disproportionately high, and since the old and new systems will be combined via this transfer, the new facility can benefit from the existing rate of flow advantage. A combined flow of 0.64 cfs will provide 463 acre-feet annually, more than double the proposed total volume of 190 AFA

Even though Regan Hatch indicated that the maximum flow rate required for the new facility is 1.2 cfs (see file note from reviewer), I believe that flow is probably NOT representative of diversions of fresh water, but is more likely recycled water pumped from storage at high rates of flow to clean parlors. Per the analysis sheets, total water from plate coolers and chillers at both facilities will be recycled each day, generating about 116,000 gallons from the two facilities combined, or about 2/3 of the total daily water requirement based on 190 AFA. Running continuously, the required combined rate of flow for cooling would be about 80 gpm (.18 cfs). This is reasonable based even on my somewhat limited knowledge of plate coolers. That leaves 0.46 cfs (206 gpm) for the balance of fresh water diversions (approx 55,000 gallons), which also appears to be reasonable for this system.

Dated: July 15, 2008

Water District 140


Cindy Yenter, Watermaster