

MEMORANDUM

TO: Transfer # 72954 File

FROM: Corey Skinner

DATE: March 31, 2011

SUBJECT: Review

This transfer was originally submitted in February of 2006, with the initial processing and review conducted by Jim Stanton. After advertising the application, and with no protests being received, the application was forwarded for final action. During the final review, it was noted that a lien holder authorization letter was not included with the application. The applicant's consultant was informed of the need for the lien holder authorization letter via a February 2010 letter. Just recently, March 28th, the lien holder authorization letter was received.

The transfer converts portions of two existing irrigation rights, 36-2586C and 36-14035C, to stock water and commercial uses associated with an existing dairy operation. The application also modifies the two existing rights, 36-2586B and 36-14035B, that currently serve the dairy. The irrigation to dairy conversion converts 72 acres of irrigation to 176 afa of stock water and commercial use. This conversion was based on 36.2 acres of primary irrigation at 3.38 acre-feet per acre apparently based on alfalfa (note that old U of I data indicates that alfalfa in the Jerome area has a precipitation deficit value of 3.45 afa per acre) and 35.8 acres of supplemental acres at 1.5 acre-feet per acre based on an analysis of past pumping records. Note that this transfer results in the conversion of all of the recognized primary acres with the remaining irrigation place of use (451.6 acres) consisting entirely of supplemental acres (if transferred to a consumptive use, each acre would be worth 1.5 acre-feet).

Aardema Farms LTD
Transfer 72954

[illegible]

Eval of consumption			
Alfalfa	36.2 primary	cfs	af
overlap with NSCC	35.8 supplemental	1.5	53.7
			176.056

Based on 50/50 based on requested cfs for calc of vol

tran		untran	
dry up	vol	cfs	acres
72	144	0.198901	6.26
72	144	0.198901	2.77
72	288	0.397802	9.03

Best fit for Jim's corrected application

tran at dairy		trans	
dry up	vol	dry up	vol
72	38.50028	72	97.92
72	137.5557	72	190.1164
72	176.056	288.0364	397.853

cfs	untran		vol
	acres		
6.26	451.6	1098.18	
2.77	268.2	708.1836	
9.03	451.6	1806.364	

16449
16497

36-16448
36-16446



