



State of Idaho

DEPARTMENT OF WATER RESOURCES

1341 Fillmore Street, Suite 200, Twin Falls ID 83301-3380

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SOUTHERN REGION

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

August 7, 2002

David E Ogren Sr
PO Box 194
Almo, ID 83312

Water District: 43-D, Almo Creek

Dear Mr. Ogren;

We have received your watermaster's report and supporting documents for this irrigation season. A copy of the approved report is enclosed for your records. Good work, Dave, you nailed it on the first try!

Regards,

James E. Stanton
Sr. Water Resource Agent

Watermaster's Report for 2002

Procedures

Attached are copies of the Almo and Edwards Creek monthly reports for the calendar year 2002. The water season began when water flow was estimated to exceed Almo Water Company's 4 cfs on April 10th. It ended on July 6th, when it was determined that the water flow above 4 cfs would no longer reach Gary Jones' property in beneficial quantity.

Water flow data was generated at various locations using a 2" wide rule graduated in hundredths of a foot. Measurements of both Almo and Edwards Creeks were made once every day, used in the determination of water distribution to the shareholders of Almo Water Company.

Measurement Sites

- At the headwaters of Almo Creek, two 3' Cippoletti weirs are installed side-by-side.
 - Near the highway on the North Fork of Almo Creek, across from Gary Jones' house, two 3' Cippoletti weirs are installed side-by-side.
 - In the middle of the Cove, next to Bruce Durfee's double-wide, two 3' Cippoletti weirs are installed side-by-side.
 - At the confluence of Almo Creek and the North Fork, one 3' Cippoletti weir was installed in the North Fork branch.
 - Near the eastern border of the Knight ranch, one 3' Cippoletti weir was installed on the old channel of Almo Creek and another installed in the diversion ditch for William Jones' water right.
 - All other measurement sites were estimated to the best of the Watermaster's ability.
-

The flow of Almo Creek is a combination of three measurements:

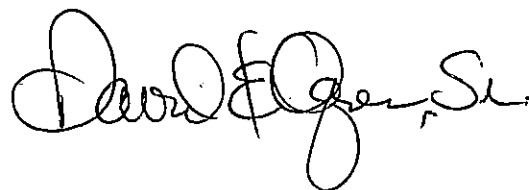
1. The double weir at the headwaters of Almo Creek
2. The single weir in the North Fork
3. The 6' concrete headgate at Eagle Rock

No single point can determine the flow of Almo Creek. Almo Water Company headgates are installed all along the canal and old channels. Additionally, in the spring water from many channels feed Almo Creek below the headwaters and North Fork weirs.

Comments and Suggestions

Modernization of the system is needed to facilitate the accurate and fair distribution of water. The methods and types of devices currently used have changed little since the turn of the nineteenth century.

1. Double 3' Cippolletti weirs need to be installed above the North Fork and Eagle Rock diversions.
2. Headgates that do not leak need to be installed at each point of diversion. A standard needs to be set for acceptable equipment. The cost of installing the headgate should be born by the water user(s) that take water at that point of diversion.
3. There should be automatic penalties established for stealing water and/or changing the Watermaster's headgate set.
4. Almo Water Company should hire a ditch rider to distribute water to its shareholders – this should be clearly separated from the duties as detailed in the Watermaster's Handbook.
5. The position of Watermaster should command both respect and a salary commensurate with the responsibility.



WATERMASTER'S REPORT

From April 10, 2002 To July 7, 2002

RECEIVED

AUG 05 2002

Department of Water Resources
Southern Region

Water District No. 43-D
Name of Watermaster David E. Ogren, Sr.
P.O. Address Box 194 Almo ID 83312

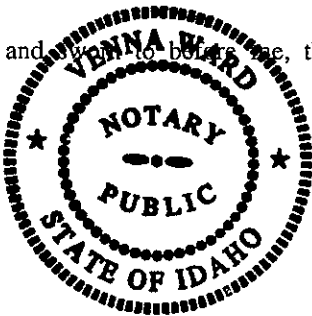
AFFIDAVIT OF WATERMASTER

STATE OF IDAHO }
COUNTY OF _____ } ss.

David E. Ogren, Sr., being first duly sworn, deposes and says that he is Watermaster of Water District 43-D, having been lawfully appointed by Karl J. Dreher, Director, Idaho Department of Water Resources, and that the volumes of water, as stated in this report and prorated by him to the water right holders of the district are correct.

David E. Ogren, Sr.
(Deputy) Watermaster District No. 43-D

Subscribed and sworn to before me, this 3 day of Aug, 2002



(SEAL)

Venna Ward
Notary Public

My Commission expires 9/23/03

Boise, Idaho, 8-7, 2002

I HEREBY CERTIFY, that David E. Ogren Sr. was lawfully appointed by me as Water Master of Water District No. 43-D, and that the information contained in this report, as herein sworn to, is, to the best of my knowledge and belief, correct.

Karl J. Dreher
Director, Department of Water Resources

By J.F. Stanton

	WATER RIGHT OWNER	IDWR WATER RIGHT IDENT No.	DIVERSION NAME / REMARKS
1	Almo Water Co	43-386	
2		43-390	
3		43-373	In Question - Belnap
4		43-387	
5		43-388	
6		43-389	
7		43-374	In Question - Cahoon
8		43-391	
9		43-392	
10		43-397	
11		43-398	
12		43-394	
13		43-477	
14		43-393	
15		43-396	
16		43-395	
17		43-399	
18		43-400	
19		43-401	
20			Almo Water Co - TOTAL
21	R.O. and Gary Jones	43-377 43-381	
22		43-382	Edwards Creek
23			RO and Gary Jones - TOTAL
24	Sylvia Knight	43-383	
25		43-384	
26		43-385	
27			Sylvia Knight - TOTAL
28	Brent Jones	43-379	
29	Cole	43-375	
30	Clark Ward	43-419	
	William Jones	43-10356	

Total Delivery in 24-Hour Sec. Feet	Total Cost		Adopted Budget		Credits		Debits		Cost Per 24-Hr. Sec. Ft. \$ <u>1.702</u>
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	
1 346.54									Total No. Days of Watermaster 89
2 150.02									89 days at \$ 35 per day \$ 3115 00
3 119.96									Total No. Days of Asst. Watermaster —
4 111.20									— days at \$ — per day \$ —
5 92.48									Other expenses charged pro rata \$ —
6 75.69									TOTAL COST \$ 3115 00
7 62.63									Total No. 24-Hour Sec. Feet Delivered 1830 55
8 31.30									Cost per 24-Hour Sec. Feet Delivered \$ 1.702
9 26.39									
10 24.70									
11 11.98									
12 16.27									
13 12.41									
14 11.09									
15 7.50									
16 7.26									
17 2.85									
18 2.00									
19 1.26									
20 1113.53	1895.48		1209 16				686 32		
21 137.69									
22 177.20									
23 167.43									
24 482.32	821.02		589 19				231 83		
25 59.19									
26 13.20									
27 14.03									
28 86.42	147.81		115 37				31 74		
29 39.20	66.73		43 14				23 59		
30 38.32	65.23		43 14				22 09		
57.05	196.09						96 09		
13.71	23.34						23.34		