

MEMORANDUM

TO: Dee C. Hansen, State Engineer
Dallin W. Jensen, Assistant Attorney General
Donald C. Norseth, Distribution Engineer

FROM: Gerald W. Stoker, Area Engineer

SUBJECT: Beryl-Enterprise District, Crop Survey and Pumpage

The final report has been compiled for the Beryl-Enterprise District concerning the crop survey, the irrigated acreage, and the water pumped from the wells in this district. In analyzing this information we have taken into account an average error of 3% on the crop survey and on some of the close overages on pumpage. In the attached lists we have included the water users who fall into the following categories:

1. Those who have irrigated more acres than are defined in and limited to by their water users claims - decreed rights.
2. Those pumpers who have remained within their decreed acreage but who have pumped more than the 4 acre feet per acre allowed by the court.
3. The pumpers who have irrigated less than their decreed acreage but have exceeded the 4 acre feet per acre allowed.

Additional remarks have been included if we are aware of any special problems the water user might have incurred during the 1975 pumping season. Some of the water users have discussed those problems with us and we have made recommendations to them, but we feel that each user on this list must be put on notice that we are aware of the situation and that he must take whatever action is necessary to correct said problem. Of course, there are the water users who are in direct violation of the Utah Water Code and who have made no attempt to comply with the statutes even though the State Engineer has reminded them by policy meeting and by written statement.

LIST OF THE WATER USERS WHO HAVE IRRIGATED MORE ACRES THAN THE LIMITED AMOUNT ON THEIR WATER USERS CLAIMS OR DECREED RIGHTS.

<u>Account</u>	<u>Acres Irrigated</u>	<u>Acres Decreed</u>	<u>% Over</u>	<u>Remarks</u>
9a	201.40	85.00	58%	We still have some question on this account. There has been surface used on this land in the past, but it is doubtful that it was delivered during 1975 season. We will clarify the situation with the water use when we are able to meet with him in the area office.
25	149.87	145.00	3.2%	Only 4.87 acres involved but he did exceed the 3% average error.
26	563.90	542.90	3.7%	21.00 acres over.
32	74.48	70.00	6.4%	4.48 acres over, however, the state will have to assume part of the overage. We advised the WU that he irrigated 70 acres according to the previous crop survey, and a recheck this past year picked up an additional 4.48 acres. They have already cut off the surplus acres.
46	664.77	618.90	6.9%	45.87 acres over. No attempt has been made to correct this situation by the WU.
139	55.60	45.70	17.8%	9.90 acres over. The WU has made no attempt to correct this overage. He has also overpumped his limitation by 64.65 acre feet (26.1%).

LIST OF THOSE WATER USERS WHO HAVE EXCEEDED THE 4.0 ACRE FEET PER ACRE ALLOWED BY THE COURT.

<u>Account</u>	<u>Acre Feet Pumped</u>	<u>Acre Feet Allowed</u>	<u>% Over</u>	<u>Remarks</u>
13a&b	610.67	515.24	15.6%	Irrigated 128.81 acres and overpumped 95.43 af.
17a	327.53	165.96	49.3%	Irrigated 41.49 acres and overpumped 161.57 AF.
20b	318.85	231.20	27.5%	Overpumped 87.65 AF.
27	386.02	285.20	26.1%	Irrigated 71.30 acres and overpumped 100.82 AF.
33	4260.85	2720.96	36.1%	Irrigated 680.24 acres and overpumped 1539.89 AF. The commissioner failed to notify the WU.
34b	769.87	736.00	4.4%	Irrigated 184.00 acres and overpumped 33.87 AF.
43	1080.08	920.80	14.7%	Overpumped 159.28 AF.
48	656.99	581.60	11.5%	Irrigated 145.40 acres and overpumped 75.39 AF.
49	609.62	435.80	28.5%	Irrigated 108.95 acres and overpumped 173.82 AF.
54	286.27	246.68	13.8%	Irrigated 61.67 acres and overpumped 39.59 AF.
67	1991.22	1916.12	3.8%	Irrigated 479.03 acres and overpumped 75.10 AF.
75	691.40	576.00	16.7%	Irrigated 144.00 acres and overpumped 115.40 AF. The WU suspects meter trouble and has sent them to the factory for recalibration.
76	1160.91	966.80	16.7%	Irrigated 241.70 acres and overpumped 194.11 AF.
77	298.29	189.96	36.3	Irrigated 47.84 acres and overpumped 108.33 AF.
80	543.08	523.24	3.5	Irrigated 130.81 acres and overpumped 19.27 AF.
81	832.80	690.56	17.10	Irrigated 172.64 acres and overpumped 142.24 AF.

88	625.79	598.40	4.4%	Overpumped 27.39 AF
89	852.43	749.72	12.0%	Irrigated 187.43 acres and overpumped 102.71 AF.
90A	1501.30	1388.00	7.5%	Irrigated 347.00 acres and overpumped 113.30 AF.
90B	344.35	276.00	19.8%	Irrigated 69.00 acres and overpumped 68.35 AF.
92	1225.81	981.48	19.9%	Irrigated 245.37 acres and overpumped 244.33 AF.
95	1913.97	1115.60	46.0%	Irrigated 278.90 acres and overpumped 878.37 AF. The WU has discussed this problem with the office and the meters must be in error. He indicated that he would have them checked.
97	791.67	582.40	26.4%	Irrigated 145.60 acres and overpumped 209.27 AF.
98	590.81	297.60	50.0%	Irrigated 74.40 acres and overpumped 293.21 AF.
102B	396.00	352.24	11.1%	Irrigated 88.06 acres and overpumped 43.76 AF.
105	675.20	592.80	12.2%	Irrigated 148.20 acres and overpumped 82.40 AF.
106	555.87	507.68	8.7%	Irrigated 126.92 acres and overpumped 48.19 AF.
113	1184.95	787.00	33.6%	Irrigated 196.75 acres and overpumped 397.95 AF. The readings indicate that there might be a meter problem.
115	758.55	476.00	37.2%	Irrigated 119.00 acres and overpumped 282.55 AF.
134	554.96	424.44	23.5%	Overpumped 130.52 AF.
139	247.45	182.80	26.1%	Irrigated 55.60 acres and overpumped 64.65 acre feet. This WU filed a change appl., drilled a new well and then let the change lapse. He may be using both wells (one illegally).