

FINAL ORDER

April 16, 1996

Butter Creek Irrigation District
P.O. Box 110
Hermiston, Oregon 97838

WATER
RESOURCES
DEPARTMENT

RE: Approval of Amended Temporary Transfer under SB 494 (ORS 540.570). File # T-7476

Pursuant to ORS 540.570, Butter Creek Irrigation District filed a request to move the place of use of certain water rights within the district for the 1996 irrigation season. The changes requested are enumerated on the attached sheet. Notice of the request was published in summary form by the Water Resources Department on January 23, 1996. Public comments were accepted for 30 days following publication. No comments were received.

Pursuant to ORS 540.570 (3) and OAR 690-21-070 (3) staff have reviewed the requested changes. This review finds that in order to assure that the changes do not injure existing rights or result in enlargement of the subject rights the following conditions of approval shall apply:

1. Prior to using water on the subject lands, for each point of diversion included in the temporary transfer, the water user shall install an in-line flow meter or other suitable device for measuring and recording the quantity of water used. The type and plans of the measuring device must be approved by the Watermaster.
2. Within ten (10) days of the watermaster's request, the water user shall install an in-line flow meter or other means for measuring the quantity of water going to the "TO" circle. The type and plans of the measuring device must be approved by the Watermaster.
3. Prior to using water on the subject lands the water user shall install back flow prevention devices on all wells.
4. Pursuant to 540.570 (2) water shall not be used on the subject lands until 60 days after the district's notice was received. The notice was complete and officially filed January 17, 1996.
5. The former place of use for the subject lands shall receive no water from any source for the 1996 irrigation season.
6. All restrictions and limitations contained in the decree or permit of the subject rights shall apply to the 'TO' lands. Water use from the wells shall not exceed the limits imposed by the Butter Creek Critical Groundwater Area.

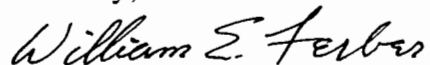


7. Pursuant to 540.570 (6) the department may further condition or revoke a temporary transfer at any time to the extent necessary to avoid injury if the department finds the transfer is causing injury to an existing water right.

Therefore, the request, as conditioned above and as enumerated on the attached sheet is approved for the 1996 irrigation season.

Copies of the approved request and associated maps are on file at the Department's Watermaster District #5 office in Pendelton.

Sincerely,



William E. Ferber
Field Water Rights Specialist, Northwest Region

cc: Bill Porfily
P.O. Box 643
Stanfield, Oregon, 97875

Laura Schroeder
Attorney at Law
P.O. Box 1392
Hermiston, Oregon 97838

Tony Justus, Watermaster, District 5

Mike Ladd, North Central Region Manager

TEMPORARY TRANSFER, 1996 IRRIGATION SEASON
BUTTER CREEK IRRIGATION DISTRICT

- 1) Certificate 53658, Permit G-434 - Authorized Source: Ammon Well #1 and Well #2.

Well #1 - SE ¼ NW ¼, Section 1, T.2N., R.27E., W.M., 10 feet North and 2400 feet East from the East ¼ corner, Section 2.

Well #2 - NE ¼ SE ¼, Section 2, T.2N., R.27E., W.M., 100 feet South and 130 feet West from the East ¼ corner, Section 2.

FROM LANDS								
T.	R.	SEC.	Q/Q	T.L.	PRIORITY	USE	ACRES	POD
2N	27E	1	SENE	100	1/21/57	IR	7.39	WELLS 1&2
2N	27E	1	SWNE	100	1/21/57	IR	0.81	WELLS 1&2
2N	27E	2	SWNE	100	1/21/57	IR	6.7	WELLS 1&2
2N	27E	2	SENE	100	1/21/57	IR	33.3	WELLS 1&2
2N	27E	2	NWSE	100	1/21/57	IR	17.6	WELLS 1&2
2N	27E	2	NESE	100	1/21/57	IR	1.2	WELLS 1&2

TO LANDS								
T.	R.	SEC.	Q/Q	T.L.	PRIORITY	USE	ACRES	POD
2N	27E	6	NENW	1000	1/21/57	IR	7.1	WELLS 1&2
2N	27E	6	SWNW	1000	1/21/57	IR	4.9	WELLS 1&2

Butter Creek Irrigation District
 Temporary Transfer, 1996 Season

TO LANDS (continued)								
T.	R.	SEC.	Q/Q	T.L.	PRIORITY	USE	ACRES	POD
2N	27E	6	SEnw	1000	1/21/57	IR	15	WELLS 1&2
2N	27E	6	NEwN	1000	1/21/57	SUPP	10	WELLS 1&2
2N	27E	6	NwNw	1000	1/21/57	SUPP	10	WELLS 1&2
2N	27E	6	SwNw	1000	1/21/57	SUPP	10	WELLS 1&2
2N	27E	6	SEnw	1000	1/21/57	SUPP	10	WELLS 1&2

2) Certificate 63802 - Authorized Source: Butter Creek (POD#1)

POD #1 - SW ¼ NE ¼, Section 11, T.2N., R.27E., W.M., 1330 feet South and 270 feet East from the North ¼ corner, Section 11.

Quantity of water authorized for "TO" lands is - 0.0265 cfs 1866 priority, 0.053cfs 1870 priority, 0.0265 cfs 1884 priority, 0.6728 cfs 1896.

FROM LANDS								
T.	R.	SEC.	Q/Q	T.L.	PRIORITY	USE	ACRES	POD
2N	27E	11	NEsw	1400	1866, 1870,1884, 1896	IR	40	POD #1

Butter Creek Irrigation District
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TO LANDS								
T.	R.	SEC.	Q/Q	T.L.	PRIORITY	USE	ACRES	POD
2N	28E	6	NENW	1000	1866, 1870,1884, 1896	IR	10	POD #1
2N	28E	6	NWNW	1000	1866, 1870,1884, 1896	IR	10	POD #1
2N	28E	6	SWNW	1000	1866, 1870,1884, 1896	IR	10	POD #1
2N	28E	6	SENW	1000	1866, 1870,1884, 1896	IR	10	POD #1

3) Certificate 53666 - Irrigation - Authorized Source: Butter Creek (POD #2)

POD #2 - NE ¼ SE ¼, Section 2, T.2N., R.27E., W.M., 50 feet South and 350 feet West from the East ¼ corner, Section 2.

Certificate 53658, Permit G-434 - Supplemental Irrigation - Authorized Source: Ammon Well #2.

Well #2 - NE ¼ SE ¼, Section 2, T.2N., R.27E., W.M., 100 feet South and 130 feet West from the East ¼ corner, Section 2.

FROM LANDS								
T.	R.	SEC.	Q/Q	T.L.	PRIORITY	USE	ACRES	POD
2N	27E	1	SENE	100	1896	IR	5.0	POD #2
2N	27E	1	SWNE	100	1896	IR	11.1	POD #2
2N	27E	2	SENE	100	1884&1896	IR	2.9	POD #2

Butter Creek Irrigation District
 Temporary Transfer, 1996 Season

FROM LANDS (continued)								
T.	R.	SEC.	Q/Q	T.L.	PRIORITY	USE	ACRES	POD
2N	27E	2	NWSE	100	1866&1896	IR	6	POD #2
2N	27E	2	NESE	100	1866	IR	8	POD #2
2N	27E	1	SENE	100	1/21/57	SUPP	5.0	WELL #2
2N	27E	1	SWNE	100	1/21/57	SUPP	11.1	WELL #2
2N	27E	2	SENE	100	1/21/57	SUPP	2.9	WELL #2
2N	27E	2	NWSE	100	1/21/57	SUPP	6.0	WELL #2
2N	27E	2	NESE	100	1/21/57	SUPP	8.0	WELL #2

TO LANDS								
T.	R.	SEC.	Q/Q	T.L.	PRIORITY	USE	ACRES	POD
2N	28E	6	NENW	1000	1884&1896	IR	7.9	POD #2
2N	28E	6	NWNW	1000	1886&1896	IR	15	POD #2
2N	28E	6	SWNW	1000	1896	IR	10.1	POD #2
2N	28E	6	NENW	1000	1/21/57	SUPP	7.9	WELL #2
2N	28E	6	NWNW	1000	1/21/57	SUPP	15.0	WELL #2
2N	28E	6	SWNW	1000	1/21/57	SUPP	10.1	WELL #2

Flow Meter Specifications and Installation Guidelines

690-507-645

- (1) A flow meter shall meet the following specifications:
 - (a) A flow meter shall be of the velocity-propeller-type or shunt-line venturi type with enclosed propeller made of non-corrosive materials. Other types of flow meters may be used with the written approval of the Water Resources Director.
 - (b) A flow meter shall have a rated accuracy of plus or minus 2 percent of actual flow for all rates of flow within the range of flow for which the meter is designed. The flow meter shall register the full range of discharge from the source of water for which it is to be used.
 - (c) The register head of the flow meter shall have a visual, recording, mechanical, digital totalizer located on or adjacent to the flow meter and shall be equipped with a test sweep hand so that flow rate can be quickly determined. The register face shall be protected by a suitable plate or cover.
 - (d) Units of water measurement shall be in acre-feet, cubic feet, or gallons. The totalizer shall read directly in the above-described units. Flow meters recording in acre-feet shall read to the nearest 1/10th acre-foot, and the decimal multiplier shall be clearly indicated on the face of the register head.
 - (e) The totalizing part of the flow meter shall have a sufficient capacity to record the quantity of water authorized to be pumped over a period of 2 years.
 - (f) Both the register and the flow meter unit shall be provided with a method of sealing with a wire or lead seal to prevent unauthorized tampering with the placement or position of the flow meter.

- (2) The flow meter installation shall be as follows:
 - (a) The flow meter shall be installed in accordance with manufacturer's specifications and in such a manner that there shall be a full pipe of water at all times during which water is being pumped.
 - (b) There shall be no turnouts or diversions between the source of water and the flow meter installation.
 - (c) The flow meter shall be placed in the pipe not less than five pipe diameters downstream from any valve, elbow, or other obstruction which might create turbulent flow, or install straightening vanes as recommended by the flow meter manufacturer. There shall also be at least one pipe diameter of unobstructed flow on the downstream side of the flow meter.
 - (d) All in-line saddle flow meters equipped with U-bolt fasteners shall be provided with a sealing wire and lead seal near the terminal ends of the U-bolt following the complete installation of the flow meter.
 - (e) The flow meter and register shall not be locked in a building which would prevent access to the register. The register or flow meter shelter may be equipped with a lock to prevent tampering or breakage, provided that a lock is used and for which the watermaster has a key.

(f) Provisions shall be made for rating of the flow meter in accordance with the manufacturer's specifications.

(g) The flow meter installation is subject to inspection and approval by the Director.

(h) In the case of artesian wells which flow at various times, the flow meter shall be installed in a manner which will measure both pumped and flowing discharges.

(3) Flow meters shall be kept clear of debris or other foreign or vegetative growth which could impede their operation. All flow meters shall be lubricated as specified by the manufacturer.

[adopted 6-25-90]