

## FINAL ORDER

April 16, 1996

Teel Irrigation District  
32327 Oregon Trail Road  
Echo, Oregon

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WATER  
RESOURCES  
DEPARTMENT

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RE: Temporary Transfer under SB 494 (ORS 540.570). File # T-7471

Pursuant to ORS 540.570, Teel Irrigation District filed four requests to move the place of use of certain water rights within the district for the 1996 irrigation season. *This order approves the request to make changes to the water rights evidenced by T-6380 (G-6936); T-6380 (G-6893 and G-7036); permit S-25924.* 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 16, 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 no injury or enlargement of a water right will occur as a result of this change. Therefore, the request as enumerated on the attached sheet and as conditioned below is approved for the 1996 irrigation season.

1. The former place of use for the subject lands shall receive no water from any source for the 1996 irrigation season unless a temporary transfer has been approved for the former place of use. In no case shall a temporary transfer allow the enlargement of the water right.
2. 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 Stage Gulch Critical Groundwater Area.
3. 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.
4. All existing water rights on the "TO" lands are supplemental to the transferred water rights approved by this order.

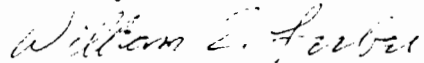


5. Prior to using water on the subject lands, the water user shall install an in-line flow meter or other suitable device for measuring and recording the quantity of water used. The type and plans of the measuring device must be approved by the Watermaster. The measuring device(s) shall be installed at the location(s) specified below:
- a) for ground water sources, at the authorized point of diversion listed in this final order;
  - b) for the surface water source, at the point on the Western Land Canal that water is diverted to the lands subject to temporary transfer pertaining to Permit S-25924.

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

If you should have further question regarding this order please feel free to contact me at 378-8455 ext. 375. I appreciate your effort in working with the Department to complete this process.

Sincerely,



William E. Ferber  
Field Water Rights Specialist, Northwest Region

cc: Bill Porfily  
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Tony Justus, Watermaster, District 5

Mike Ladd, North Central Region Manager

**TEMPORARY TRANSFER, 1996 IRRIGATION SEASON  
TEEL IRRIGATION DISTRICT**

Permit S-25964 - Authorized Source Umatilla River - South 55 Degrees 48 Minutes West and  
3237.3 Feet From the NE Corner Section 21, T 3N, R 29E, W.M.

FROM LANDS								
T.	R.	SEC.	Q/Q	T.L.	PERMIT	USE	ACRES	PRIORITY
3N	28E	34	NENE	7100	25924	IR	31.3	6/27/58
3N	28E	34	NWNE	7100	25924	IR	31.3	6/27/58
3N	28E	34	SWNE	7100	25924	IR	31.3	6/27/58
3N	28E	34	SENE	7100	25924	IR	31.3	6/27/58
3N	28E	34	NENW	7100	25924	IR	31.3	6/27/58
3N	28E	34	NWNW	7100	25924	IR	31.3	6/27/58
3N	28E	34	SWNW	7100	25924	IR	31.3	6/27/58
3N	28E	34	SENW	7100	25924	IR	31.3	6/27/58
3N	28E	34	NESE	7100	25924	IR	31.3	6/27/58
3N	28E	34	NWSE	7100	25924	IR	31.3	6/27/58
3N	28E	34	SWSE	7100	25924	IR	31.3	6/27/58
3N	28E	34	SESE	7100	25924	IR	31.3	6/27/58

TO LANDS								
T.	R.	SEC.	Q/Q	T.L.	PERMIT	USE	ACRES	PRIORITY
3N	28E	29	NESW	8103	25924	IR	31.3	6/27/58
3N	28E	29	NWSW	8103	25924	IR	31.3	6/27/58
3N	28E	29	SWSW	8103	25924	IR	31.3	6/27/58
3N	28E	29	SESW	8103	25924	IR	31.3	6/27/58
3N	28E	33	NENE	8103	25924	IR	31.3	6/27/58

TO LANDS (continued)								
T.	R.	SEC.	Q/Q	T.L.	PERMIT	USE	ACRES	PRIORITY
3N	28E	33	NWNE	8103	25924	IR	31.3	6/27/58
3N	28E	33	SWNE	8103	25924	IR	31.3	6/27/58
3N	28E	33	SENE	8103	25924	IR	31.3	6/27/58
3N	28E	33	NENW	8103	25924	IR	31.3	6/27/58
3N	28E	33	NWNW	8103	25924	IR	31.3	6/27/58
3N	28E	33	SWNW	8103	25924	IR	31.3	6/27/58
3N	28E	33	SENW	8103	25924	IR	31.3	6/27/58

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Permit CG-6936 (T-6380) - Authorized Source Well #2 - 930 Feet South from the N ¼  
 Corner Section 26, T 3N, R 28E, W.M.

FROM LANDS								
T.	R.	SEC.	Q/Q	T.L.	PERMIT	USE	ACRES	PRIORITY
3N	28E	33	NENE	8103	CG-6936	IR	31.3	7/19/76
3N	28E	33	NWNE	8103	CG-6936	IR	31.3	7/19/76
3N	28E	33	SWNE	8103	CG-6936	IR	31.3	7/19/76
3N	28E	33	SENE	8103	CG-6936	IR	31.3	7/19/76
3N	28E	33	NENW	8103	CG-6936	IR	31.3	7/19/76
3N	28E	33	NWNW	8103	CG-6936	IR	31.3	7/19/76
3N	28E	33	SWNW	8103	CG-6936	IR	31.3	7/19/76
3N	28E	33	SENW	8103	CG-6936	IR	31.3	7/19/76

TO LANDS								
T.	R.	SEC.	Q/Q	T.L.	PERMIT	USE	ACRES	PRIORITY
3N	28E	23	NESW	7100	CG-6936	IR	11.9	7/19/76
3N	28E	23	NWSW	7100	CG-6936	IR	11.6	7/19/76
3N	28E	23	SWSW	7100	CG-6936	IR	38.3	7/19/76
3N	28E	23	SESW	7100	CG-6936	IR	38.8	7/19/76
3N	28E	23	NESE	7100	CG-6936	IR	27.6	7/19/76
3N	28E	23	NWSE	7100	CG-6936	IR	32.5	7/19/76
3N	28E	23	SWSE	7100	CG-6936	IR	29.1	7/19/76
3N	28E	23	SESE	7100	CG-6936	IR	27.8	7/19/76
3N	28E	26	NENW	7300	CG-6936	IR	15.6	7/19/76
3N	28E	26	NWNW	7300	CG-6936	IR	17.2	7/19/76

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Permit CG-6893 & CG-7036 (T-6380 )

Authorized Source (CG-6893) Well #1 - 960 Feet North and 30 Feet East from the S ¼  
Corner Section 23, T 3N, R 28E, W.M.

Authorized Source (CG-7036) Well #3 - 60 Feet South and 820 Feet East from the NW Corner  
Section 23, T 3N, R 28E, W.M.

FROM LANDS								
T.	R.	SEC.	Q/Q	T.L.	PERMIT	USE	ACRES	PRIORITY
3N	28E	29	NESW	8103	CG-6893	IR	31.3	7/19/76
3N	28E	29	NWSW	8103	CG-6893	IR	31.3	7/19/76
3N	28E	29	SWSW	8103	CG-6893	IR	31.3	7/19/76
3N	28E	29	SESW	8103	CG-6893	IR	31.3	7/19/76
3N	28E	29	NESW	8103	CG-7036	SUPP	31.3	12/2/76
3N	28E	29	NWSW	8103	CG-7036	SUPP	31.3	12/2/76
3N	28E	29	SWSW	8103	CG-7036	SUPP	31.3	12/2/76
3N	28E	29	SESW	8103	CG-7036	SUPP	31.3	12/2/76

TO LANDS								
T.	R.	SEC.	Q/Q	T.L.	PERMIT	USE	ACRES	PRIORITY
3N	28E	26	NENE	7300	CG-6893	IR	28.8	7/19/76
3N	28E	26	NWNE	7300	CG-6893	IR	28.8	7/19/76
3N	28E	26	SWNE	7300	CG-6893	IR	33.6	7/19/76
3N	28E	26	SENE	7300	CG-6893	IR	33.6	7/19/76
3N	28E	26	NESE	7300	CG-6893	IR	0.2	7/19/76
3N	28E	26	NWSE	7300	CG-6893	IR	0.2	7/19/76
3N	28E	26	NENE	7300	CG-7036	SUPP	28.8	12/2/76
3N	28E	26	NWSE	7300	CG-7036	SUPP	28.8	12/2/76
3N	28E	26	SWNE	7300	CG-7036	SUPP	33.6	12/2/76
3N	28E	26	SENE	7300	CG-7036	SUPP	33.6	12/2/76
3N	28E	26	NESE	7300	CG-7036	SUPP	0.2	12/2/76
3N	28E	26	NWSE	7300	CG-7036	SUPP	0.2	12/2/76

## 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]