



Oregon

John A. Kitzhaber, M.D., Governor

Water Resources Department

Commerce Building
158 12th Street NE
Salem, OR 97301-4172
(503) 378-3739
FAX (503) 378-8130

INTEROFFICE MEMO

FORWARD TO:

Lisa Jaramillo

DATE: *11-21-06*

FIELD PROCESSOR WORKING ON THIS TRANSFER

FROM:

WATERMASTER, DISTRICT # _____
X GROUNDWATER SECTION

(SIGNATURE)

[Signature]
signed by injury reviewer

date signed 12-7-2006

SUBJECT:

WATER RIGHT TRANSFER # *10263*

A change in POU POD POA USE of water.

In the name(s) of

The Pictsweet Company

In my opinion (assuming the right is valid), the proposed change

See attached memo.

MAY BE MADE WITHOUT INJURY

WOULD RESULT IN INJURY* to an existing water right.

*The approval of this transfer application would result in injury to other water rights because _____

The existing right may not be valid because _____

Headgate notices HAVE HAVE NOT Been issued for diversion from the source(s) which serve(s) this right.

If for change in point of diversion, is there any intervening point(s) for diversion between the authorized and proposed points of diversion? (Yes or No) _____

In my opinion, the order approving the subject transfer application should include the following in regard to the appropriator installing suitable measuring devices in the diversion works:

_____ (1) PRIOR to the diverting of water at the new point of diversion . . .

_____ (2) WHEN IN the judgement of the watermaster it becomes necessary . . .

The enclosed copy of the transfer application and map(s) is for your records.



Oregon

John A. Kitzhaber, M.D., Governor

Water Resources Department

Commerce Building
158 12th Street NE
Salem, OR 97301-4172
(503) 378-3739
FAX (503) 378-8130

INTEROFFICE MEMO

FORWARD TO:

Lisa Jaramillo
FIELD PROCESSOR WORKING ON THIS TRANSFER

DATE: 11-21-06

FROM:

X WATERMASTER, DISTRICT # _____
GROUNDWATER SECTION

(SIGNATURE)

[Signature]
signed by injury reviewer

date signed 12-7-2006

SUBJECT:

WATER RIGHT TRANSFER # 10264

A change in: POU POD POA USE of water.

In the name(s) of Pictsweet Company

In my opinion (assuming the right is valid), the proposed change

See attached memo.

MAY BE MADE WITHOUT INJURY
right.

WOULD RESULT IN INJURY* to an existing water

*The approval of this transfer application would result in injury to other water rights because _____

The existing right may not be valid because _____

Headgate notices HAVE HAVE NOT Been issued for diversion from the source(s) which serve(s) this right.

If for change in point of diversion, is there any intervening point(s) for diversion between the authorized and proposed points of diversion? (Yes or No) _____

In my opinion, the order approving the subject transfer application should include the following in regard to the appropriator installing suitable measuring devices in the diversion works:

_____ (1) PRIOR to the diverting of water at the new point of diversion . . .

_____ (2) WHEN IN the judgement of the watermaster it becomes necessary . . .

The enclosed copy of the transfer application and map(s) is for your records.

State of Oregon
Water Resources Department

Interoffice Memorandum

December 7, 2006

To: Water Rights
From: Karl Wozniak, Ground Water Hydrology Section
Subject: Transfers T-10263, T-10264.

Conclusions

The proposed transfers are unlikely to result in injuries to existing ground water or surface water rights if the following conditions are included in the final orders for the transfers.

1. Groundwater production from all new points of appropriation shall be from the alluvial aquifer only.
2. All new points of appropriation shall be greater than one mile from the main stems of Mill Creek and the Little Pudding River.

In addition, I recommend that the four wells listed on the current rights be properly abandoned prior to issuing an order approving the transfers.

Discussion

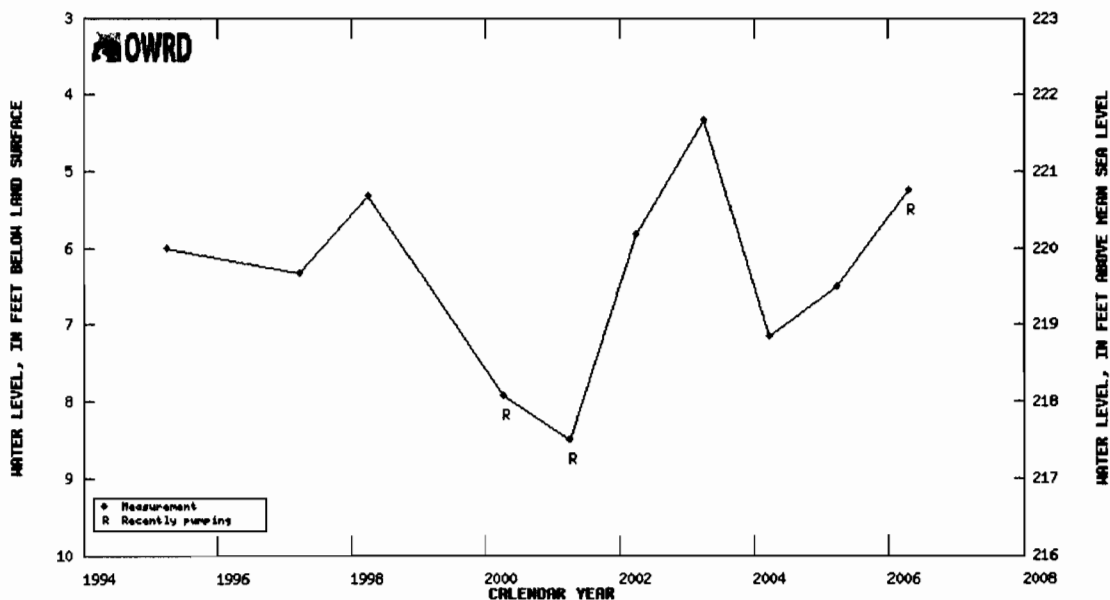
The subject transfers propose new points of appropriation (POAs), changes in the places of use, and changes in the type of use for two certificates (34918 & 30189) and one ground-water registration certificate (GR-1566). The current rights are served by four wells that are completed in the alluvial aquifer (see table). The transfers propose six new POAs that will be used in common for the resultant rights. The original wells will not be included on the resultant rights. The location for proposed POA 6 is shown as 960 ft N and 500 ft W of the SE corner of Section 18 in Exhibit A but as 460 ft N and 500 ft W of the SE corner of Section 18 in Exhibit H (map). Both locations are considered as part of this review. The transfer application incorrectly identifies MARI 7968 as the well listed on both certificates. Field notes for the final proof surveys in files G-1096 and G-3642 indicate two distinct wells: MARI 7968, on certificate 30189, and MARI 7965, on certificate 34918. None of the four existing wells meet our current well construction standards.

Existing Water Right	Well	Location
Certificate 30189	MARI 7968	N29°15'W 1329' fr Nthly NW cor, dlc 75
Certificate 34918	MARI 7965	1100' N, 610' W fr Nthly NW cor, dlc 75
GW Reg Certificate G-1566, POA 1	MARI 7966	200' N, 275' E fr SW cor, sec 29
GW Reg Certificate G-1566, POA 2	MARI 7967	40' N, 300' E fr SW cor, sec 29

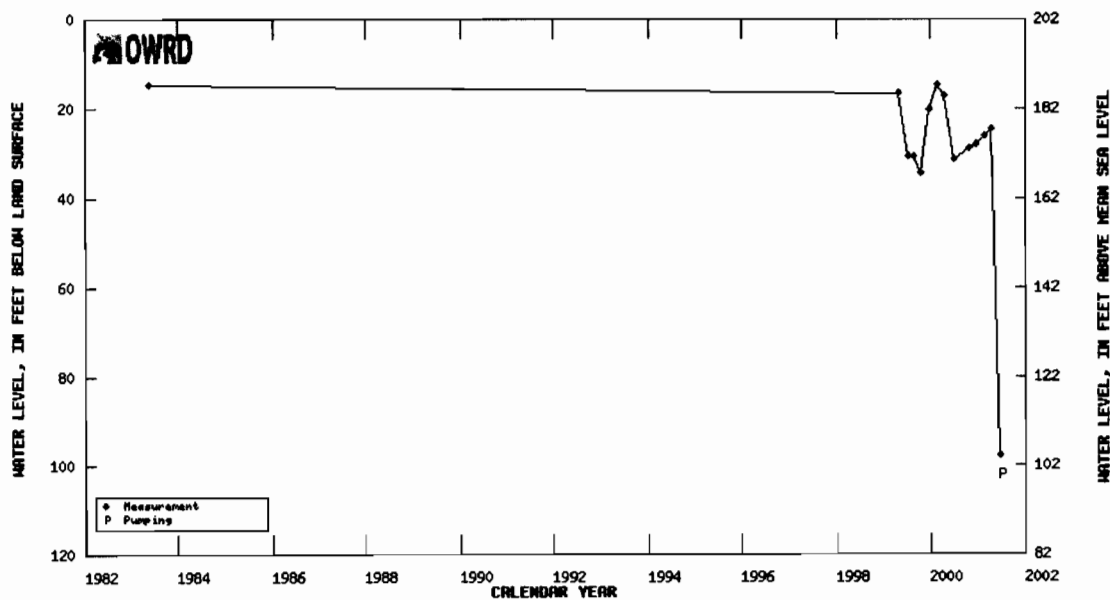
The alluvial aquifer is about 120 feet thick in the vicinity of the current wells and ranges from 100-200 feet thick in the vicinity of the proposed POAs (see attached thickness map). The aquifer is predominantly composed of sands and gravels, with some interbedded clays and silts, that were deposited as part of an alluvial fan complex by the North Santiam River which flowed through the Turner Gap (now occupied by Mill Creek) during portions of the past 2 million years (Gannett and Caldwell, 1998, US Geological Survey Professional Paper 1424-A). The aquifer is overlain by 20-40 feet of predominantly silts and clays of the Willamette Silt unit. The water table occurs near land surface within the Willamette Silt unit. Hydrographs of nearby wells completed in the alluvial aquifer show seasonal, non-pumping water-level fluctuations on the order of 20 feet. Decadal water-level fluctuations are less than 20 feet and do not show any progressive long-term declines. Because the water table is near land surface (generally less than 20 feet), seasonal water-level fluctuations are generally less than 20 feet, and water levels appear to be stable over time, the proposed transfers are unlikely to result in injury to existing ground water rights. Ambient ground-water flow directions (see attached water table map), based on water-table contours in Conlon and others (2005, US Geological Survey Scientific Investigations Report 2005-5168), indicate that the proposed POAs are generally along the same flow paths as the original POAs. Also, the relative distances from the perennial reaches of Mill Creeks and the Little Pudding River are similar at the current and proposed POAs. This suggests that the impacts on these surface water sources by the proposed POAs will be similar to those at the current POAs. Therefore, the proposed transfers are unlikely to result in injury to existing surface water rights.

Hydrographs

Well Location	6.0032.00W5AC
Oregon Water Resources Department Well Log ID	WARI 54073
Oregon Water Resources Department State Observation Well Number	----
Well depth, in feet below land surface	120
Land surface elevation, in feet above mean sea level	226
Primary use of well	IRRIGATION



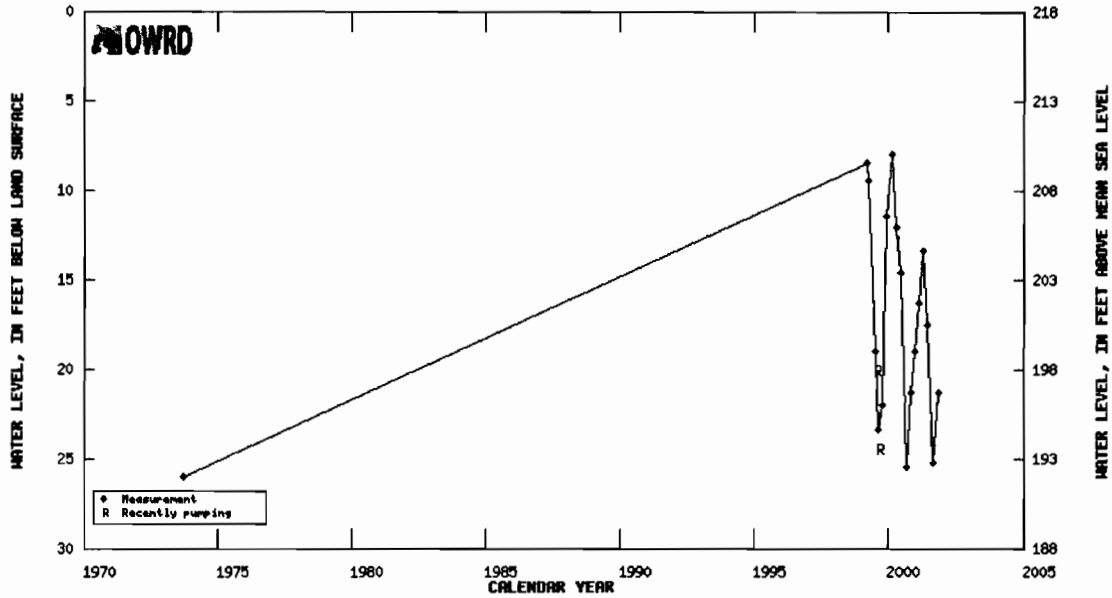
Well Location	7.0032.00W800A
Oregon Water Resources Department Well Log ID	WARI 8036
Oregon Water Resources Department State Observation Well Number	----
Well depth, in feet below land surface	223
Land surface elevation, in feet above mean sea level	202
Primary use of well	IRRIGATION



Well Location
Oregon Water Resources Department Well Log ID
Oregon Water Resources Department State Observation Well Number
Well depth, in feet below land surface
Land surface elevation, in feet above mean sea level
Primary use of well

7.0032.004328AC
WARI 18424

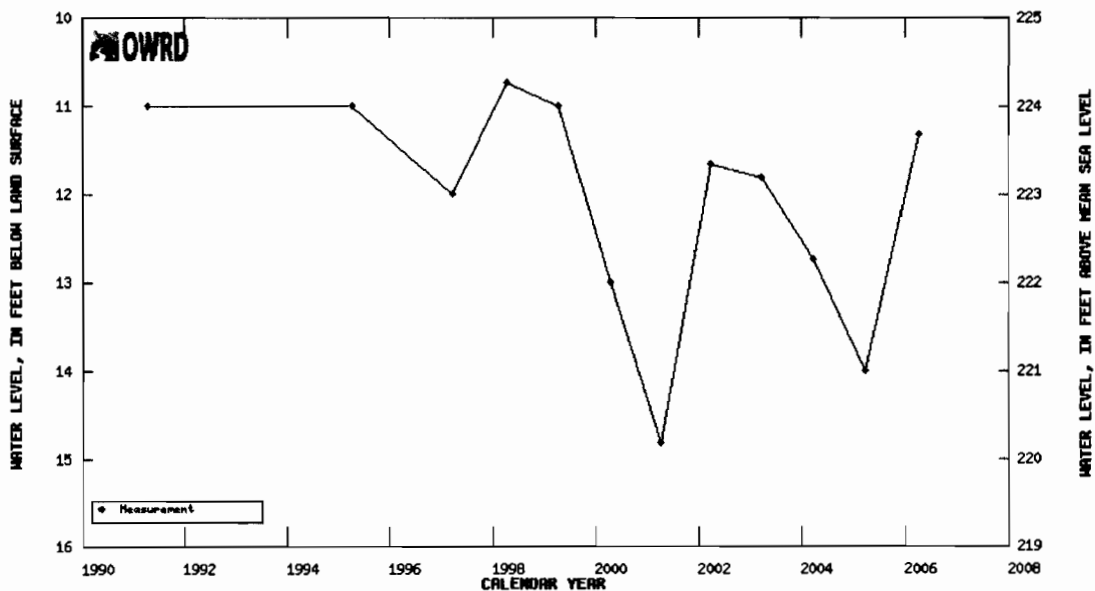
183
218
DOMESTIC



Well Location
Oregon Water Resources Department Well Log ID
Oregon Water Resources Department State Observation Well Number
Well depth, in feet below land surface
Land surface elevation, in feet above mean sea level
Primary use of well

8.0032.004340
WARI 17268

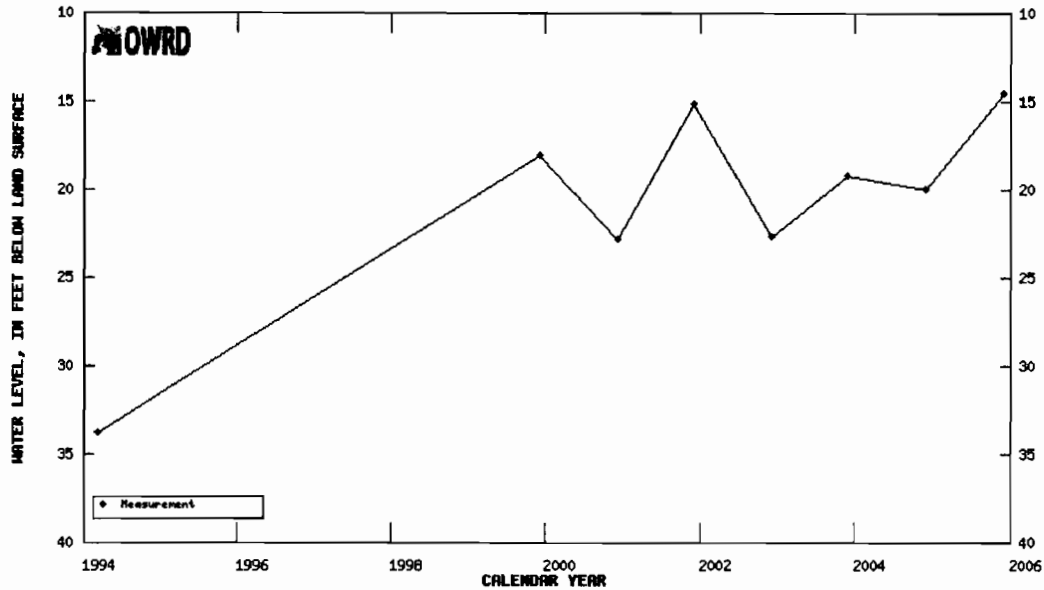
120
235
IRRIGATION



Well Location
Oregon Water Resources Department Well Log ID
Oregon Water Resources Department State Observation Well Number
Well depth, in feet below land surface
Land surface elevation, in feet above mean sea level
Primary use of well

7.0032.00W31A8
WARI 18908

173
not determined



Well Location
Oregon Water Resources Department Well Log ID
Oregon Water Resources Department State Observation Well Number
Well depth, in feet below land surface
Land surface elevation, in feet above mean sea level
Primary use of well

7.0032.00W168A8
WARI 19843

156
201
IRRIGATION

