



Oregon

John A. Kitzhaber, M.D., Governor

Water Resources Department

Commerce Building
158 12th Street NE
Salem, OR 97310-0210
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INTEROFFICE MEMO

TO: TRANSFER SECTION

DATE: 7-25-06

FROM: _____ WATERMASTER, DISTRICT # _____
X _____ GROUNDWATER SECTION

(SIGNATURE) Don Malle date signed 10/5/00

SUBJECT: PERMIT AMENDMENT # 10208

A change in: POU POD A POA of water.

In the name(s) of City of Troutdale

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

MAY BE MADE WITHOUT INJURY WOULD RESULT IN INJURY* to an existing water right. The proposed well must develop the Sand and Gravel Aquifer (SGA).

*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
725 Summer St. N.E., Ste. A
Salem, OR 97301

MEMORANDUM

DATE: 10/5/2006

TO: File T-10208, City of Troutdale
FROM: Donn Miller, Hydrogeologist
SUBJECT: Permit Amendment Comments

The permit amendment seeks to add an additional POA to the two wells that are currently authorized.

The existing wells #6 and #7 develop water from the Sand and Gravel Aquifer (SGA). The additional well will also need to develop that source. At the proposed location, the SGA should occur between approximately 480 and 1000 feet below land surface.

Quantifying hydraulic impacts to other users is difficult. However, given the great thickness of the SGA in the general area, strong development should not result in substantial interference to any one. I am aware of interference concerns in the SGA at Fairview and Wood Village. The proposed new well location is closer to those towns but still many hundred's of feet away from their wells.

STATE OF OREGON
Water Resources Department
725 Summer St. N.E., Ste. A
Salem, OR 97301

MEMORANDUM

DATE: 10/3/2006

TO: Doug Woodcock, Mike Reynolds
FROM: Donn Miller, Hydrogeologist
SUBJECT: Troutdale Review Comments

T-10208, Permit Amendment of G-9867 (C date is 2017)

The City of Troutdale wants to add an additional POA to permit G-9867. Existing well #7 on the permit develops water from the Sand and Gravel Aquifer. Existing well #6 on the permit also develops the Sand and Gravel Aquifer. Therefore, the additional proposed well would need to develop water from that same source. From the available information, the Sand and Gravel Aquifer at the proposed well site occurs between approximately 480 to 1000' below land surface.

That is the easy part.

The proposed additional well would shift well pumping to the west. The difficulty with that is that it would cause greater interference with the new Wood Village well (file G-16373). Use from that well, when proposed, resulted in great concern from the neighboring City of Fairview. After a year of discussion and negotiating, the cities came to terms on how to handle possible conflicts caused by well use.

The aquifer is more than 400 feet thick in this area per the USGS reports. That great thickness offers room for considerable drawdown and interference at full development. Since the original permit, at birth, carried the full development concept, that is the out-of-the-gate standard for a permit amendment.

The interference that the permit amendment might cause would probably not be injury per the full aquifer development concept.

Permit Extension Request for G-6881 (C date was 1995)

The city submitted an extension of time request for G-6881 on 6/16/03. The authorized well is now unproductive and converted into a multi-level piezometer. The city built a replacement well next to the authorized well but it never got it authorized specifically. There is file info to suggest that the "replacement" well yield has diminished. It sounds like the well addition per T-9784 would likely move most of the production to the new proposed well. With no use from the authorized well, what well do I use for the Division 9 review? I suspect that the new well would get a favorable Division 9 review.

T-9484, Permit Amendment of G-6881

T-9484 is another permit amendment application that seeks to add the same proposed new well to another permit (G-6881). It was received on 6/27/03. For whatever reason, this application came to WRD in 2003 and no action has occurred. Like T-10208, the proposal would serve to move production toward the west nearer to Wood Village and Fairview. The Sand and Gravel Aquifer is involved.