Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE ## G 14774	
ROUTED TO: WATER RIGHTOWNSHIP! RANGE-SECTION: 40 \$ / 08	
CONDITIONS ATTACHED? Hyes	[]no

REMARKS OR FURTHER INSTRUCTIONS:

POTENTIAL FOR SUBSTANTIAL

INTERFERENCE

Reviewer: _ Done Woodcock

Water Resources Department

MEMO

Touy 8, 199 8

TO Application G- 14774

FROM GW: D. Wobbcock (Reviewer's Name)

SUBJECT Scenic Waterway Interference Evaluation

The source of appropriation is within or above a Scenic Waterway.

Yes

Ves

Use the Scenic Waterway condition (Condition 7J).

PREPONDERANCE OF EVIDENCE FINDING: (Check box only if statement is true)

At this time the Department is unable to find that there is a preponderance of evidence that the proposed use of ground water will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

NO GENERALLY ACCEPTED HYDROGEOLOGIC METHOD

FLOW REDUCTION: (To be filled out only if <u>Preponderance of Evidence</u> box is not checked)

Exercise of this permit is calculated to reduce monthly flows in Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
								1.65			

TO:		Water Rights Section	July 7, 1998
FROM	1:	Groundwater/Hydrology Section Deva W	r's Name
SUBJE	ECT:	Application G-14774	
<u>GRO</u> 1.	PER '	WATER/SURFACE WATER CONSIDERATIONS THE Basin rules, one or more of the profeet/mile of a surface water source (ndwater source hydraulically connected to the surface water.) and taps a
2.	a. <u>~</u> b	ED UPON 0AR 690-09 currently in effect, I have determined family, or have the potential for substantial interference will not surface water source, namely ALTHOUS will if properly conditioned, adequately protect the surface iThe permit should contain condition #(s)iiThe permit should contain special condition(s) as ir iiiThe permit should be conditioned as indicated in its will, with well reconstruction, adequately protect the surface.	with the nearest s E C/R; or water from interference: indicated in "Remarks" below; em 4 below; or
<u>GRO</u> 3.	BASE a b	WATER AVAILABILITY CONSIDERATIONS ED UPON available data, I have determined that groundwate will, or likely be available in the amounts requested will not and/or within the capacity of the resource; or will if properly conditioned, avoid injury to existing rights iThe permit should contain condition #(s)7\$ iiThe permit should contain special condition(s) as in iiiThe permit should be conditioned as indicated in its	without injury to prior rights or to the groundwater resource:; ndicated in "Remarks" below;
4.	b c d	THE PERMIT should allow groundwater production from below land surface; The permit should allow groundwater production from not below land surface; The permit should allow groundwater production only groundwater reservoir between approximatelyft. aWell reconstruction is necessary to accomplish one or more One or more POA's commingle 2 or more sources of water, source of water per POA and specify the proportion of water source.	from theft. from thett. below land surface; e of the above conditions. The applicant must select one
REM	ARK	(S: WELLS ARE WITHIN YY MI OF ALTHO TAP UNCONFINED G.W.	USE CR AND

(Well Construction Considerations on Reverse Side)

Water Resources Department Memorandum

To:

Groundwater/Hydrology

July 07, 1998

From:

Doug Woodcock

Subject:

GW Application G-14774

Applicants seek: <u>582 gpm (291 from ea.well)</u> From: <u>one culvert well and one sump well.</u>

Proposed Use: frost protection and vineyard irrigation

Quad Name: Takilma

Well 1 (Not Constructed)

40S/08-12 SE of the NE

Josephine County

300 ft N and 650 ft W of the E1/4 cor. Sec 12

Well 1 is 100 ft from Althouse Cr

Well elevation at proposed site is ~ 1449 ft
Althouse Cr is 3 ft lower than well (from application)
Proposed well depth is 12 ft with an estimated depth to water of 5 ft

Well 2 (Not Constructed) 40S/08-12 SE of the NE 620 ft N and 115 ft W of the E1/4 cor. Sec 12

Well 2 is 650 ft from Althouse Cr

Well elevation at proposed site is ~ 1450 ft Althouse Cr is 7 ft lower than well 2 (from application)

Proposed sump depth is 15 ft with an estimated depth to water of 5 ft

Comments:

The target aquifer is the basin fill sediments of the Illinois Valley. The proposed wells will be shallow and will encounter ground water within ¼ mile of Althouse Creek. Division 09 makes the presumption of hydraulic connection when the wells are within ¼ mile of surface water.