Water Resources Department

MEMO March 7, 1997

TO **Application G-** 14452

FROM **GW:** Dan Mellen
(Reviewer's Name)

SUBJECT **Scenic Waterway Interference Evaluation**

☐ Yes
☒ No — The source of appropriation is within or above a Scenic Waterway.

☐ Yes
☒ No — 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.

FLOW REDUCTION: *(To be filled out only if Preponderance of Evidence 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

TO: Water Rights Section March 7, 1997

FROM: Groundwater/Hydrology Section Doug Mills
Reviewer's Name

SUBJECT: Application G- 14452

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE _____ Basin rules, one or more of the proposed POA's is/is not within _____ feet/mile of a surface water source (_____) and taps a groundwater source hydraulically connected to the surface water. N/A

2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
   (a) X will, or have the potential for substantial interference with the nearest surface water source, namely Wells 1+3 West Extension Canal or a pond (well #2) (Wells 1, 2+3)
   (b) X will not
   c. ___ will if properly conditioned, adequately protect the surface water from interference: (Well 4)
      i. ___ The permit should contain condition #(s)_____;
      ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. ___ The permit should be conditioned as indicated in item 4 below; or
   d. will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
   (a) X will, or likely be available in the amounts requested without injury to prior rights
   b. ___ will not and/or within the capacity of the resource; or
   (c) X will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
      i. ___ The permit should contain condition #(s)_____;
      ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. X The permit should be conditioned as indicated in item 4 below; or

4. (a) X THE PERMIT should allow groundwater production from no deeper than 15 ft. below land surface;
   b. ___ The permit should allow groundwater production from no shallower than ___ ft. below land surface;
   c. ___ The permit should allow groundwater production only from the _____ groundwater reservoir between approximately _____ ft. and _____ ft. below land surface;
   d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
   e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: _____

(Well Construction Considerations on Reverse Side)

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
   a.____review of the well log;
   b.____field inspection by _____;
   c.____report of CWRE _____;
   d.__X__other: (specify) Applicant's Item E submittal

6. THE WELL construction deficiency:
   a.____constitutes a health threat under Division 200 rules;
   b.____commingles water from more than one groundwater reservoir;
   c.____permits the loss of artesian head;
   d.____permits the de-watering of one or more groundwater reservoirs;
   e.__X__other: (specify) doesn't meet sealing/casing stds, open pit exceeds sump dimensions

7. THE WELL construction deficiency is described as follows: no seal, culvert casings

8. THE WELL a.____was, or constructed according to the standards in effect at the time of
   b.____was not original construction or most recent modification.
   (c.)__X__I don't know if it met standards at the time of construction.

RECOMMENDATION:

(A.)__X__I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."

B.____I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.

(C.)__X__REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit

Dan Pratt July 11, 1997.
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons:_____

_____, 199__.
(Signature)

See Rob Carter memo of 7/10/97, We need to have someone inspect the dug well. DP

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology Files Date 3/6/97

FROM: Donn Miller

SUBJECT: Groundwater Application G- 14452 Phone: (541) 567-1010

Name: Tama Poma Land, Co. (Glenn Clowning, VP)

Applicant(s) seek 1890 gpm(— cfs) from up to 4 as needed well(s) in the Columbia R. basin

Proposed use: Irrig 336.9 AC — sub basin

— sub basin.

Pertinent 7 1/2 - minute quads Boardman

Clarke

Well #1 WRD# — T 4N R 25E S 13 QQ ca County Morrow

Legal Description 1830'N & 1330'E of SW Corner Section 13

culvert well

Well is 800' ft from West Extension Canal (river/stream)

Well is — ft from — (river/stream)

Well elevation 350 ft. River/stream elevation 375 ft.

Well elevation - river/stream elevation 25

Well depth 15'-18' SWL ∠5' on ?

Sealed to —

Cased to 12-15' (3'ϕ culvert) Depth first water found 5

Lined to — Perforations/screens ?

Well tests and types None Perforations/screens —

Confined or unconfined? Unconfined Hydraulically connected? yes

Potential to cause substantial interference? yes

Well # 2 WRD# — T 4N R 25E S 13 QQ ada County Morrow

Legal Description 3800'N & 2460'E of the S 1/4 Corner Section 13

Open Pit

Well is 2500' ft from West Extension Canal (1) (river/stream)

Well is 0' ft from ponded water (2) (river/stream)

Well elevation 380 ft. River/stream elevation 375 ft.

Well elevation - river/stream elevation 5

Well depth 15' SWL 5 on ?

Sealed to —

~~Cased to~~ Open Pit 12'W x 50'L x 15' deep Depth first water found 5

~~Lined to~~ — Perforations/screens —

Well tests and types — Perforations/screens —

Confined or unconfined? Unconfined Hydraulically connected? no, yes (2)

Potential to cause substantial interference? no (1), yes (2)

Conditioned water rights in area: yes

Other nearby water rights of record: yes

Density of nearby wells of record: moderate

Comments: The two existing wells/pits don't meet current well construction stds. The two proposed wells/pits don't either. The wells 1 & 2 could be re-constructed as tile drain receivers.

It may be most beneficial to drain the shallow gw for field access, etc. Ponds are not surface tributary to Col. R.

References used: Well Reports

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology Files Date 3/6/97

FROM: Donn Miller

SUBJECT: Groundwater Application G- 14452 Phone: (541) 567-1010

Name: Terra Poma Land Co

Applicant(s) seek 1890 gpm (cfs) from 4 wells well(s) in the Columbia R. basin

Proposed use: Irrig sub basin

sub basin.

Pertinent 7 1/2 - minute quads Boardman

Clark

Proposed

Well 3 WRD# T 4N R 25E S 13 QQ d c b County Morrow

Legal Description 860 'N & 2965 'E of the SW Corner Section 13

Culvert well

Well is 300 ft from West Extension Canal (river/stream)

Well is — ft from — (river/stream)

Well elevation 375 ft. River/stream elevation 375 ft.

Well elevation - river/stream elevation 0

Well depth 15'-18' SWL ∠5' on —

Sealed to — Depth first water found 1' (est)

Cased to 12'-15' Perforations/screens 8'-15'

Lined to — Perforations/screens

Well tests and types —

Confined or unconfined? unconfined Hydraulically connected? yes

Potential to cause substantial interference? yes

Proposed

Well 4 WRD# T 4N R 25E S 13 QQ d d d County Morrow

Legal Description 365 'N & 50 'W from SE corner Section 13

Culvert well

Well is 1400' ft from pond (river/stream)

Well is — ft from — (river/stream)

Well elevation 420 ft. River/stream elevation 400 ft.

Well elevation - river/stream elevation 20'

Well depth 15'-18' SWL ∠5' on —

Sealed to — Depth first water found 1'

Cased to 12-15 Perforations/screens

Lined to Perforations/screens

Well tests and types —

Confined or unconfined? unconfined Hydraulically connected? no

Potential to cause substantial interference? no

Conditioned water rights in area: yes

Other nearby water rights of record: yes

Density of nearby wells of record: moderate

Comments: Shallow extraction levels will minimize SW interference but do we care about interference w/ the canal & pond?

The pond(s) seems to be an irrigation product in which excess irrigation has raised ground water levels.

References used: