

STATE OF OREGON
WATER RESOURCES DEPARTMENT

INTEROFFICE MEMO

To: FILE/ADAM SUSSMAN

Date: June 27, 1996

From: MICHAEL ZWART

Subject: APPLICATION G-14388, THE NEW EARTH COMPANY

I reviewed the nearby well logs and the protest filed against the issuance of a permit for this application. I am now recommending the use of permit condition 7A in addition to condition 7B, which I previously recommended. This will ensure that regular water-level data are collected.

TO: Water Rights Section

Nov. 8, 1996

FROM: Groundwater/Hydrology Section

Michael Zwart

Reviewer's Name

SUBJECT: Application G-14388

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.
- 2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use:
 - a. ___ will, or _____ have the potential for substantial interference with the nearest
 - b. ___ will not _____ surface water source, namely _____; or
 - c. will if properly conditioned, adequately protect the surface water from interference:
 - i. The permit should contain condition #(s) 7B;
 - 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. ___ 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. will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
 - i. The permit should contain condition #(s) 7B;
 - 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
- 4.
 - a. ___ THE PERMIT should allow groundwater production from no deeper than _____ 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)

G-14388

STATE OF OREGON
WATER RESOURCES DEPARTMENT

INTEROFFICE MEMO

To: FILE

Date: November 8, 1996

From: MICHAEL ZWART

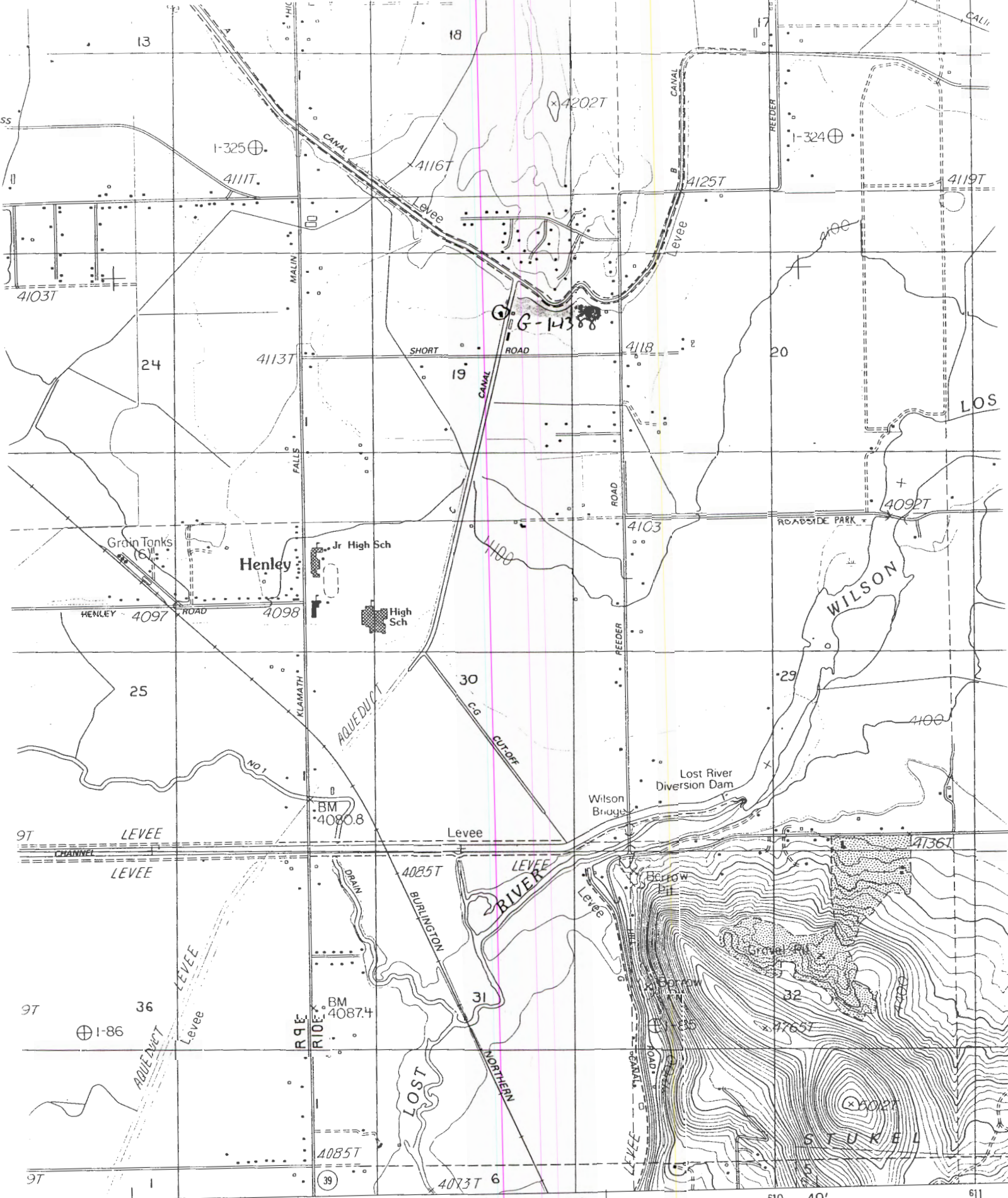
Subject: APPLICATION G-14388, THE NEW EARTH COMPANY

This application proposes to use 0.44 cfs of groundwater from one well for industrial (?) and domestic use. The well is 425 feet deep and penetrates a confined aquifer developed in sand and gravel below 75 feet. The confining layer is clay and claystone between 40 and 75 feet. The static water level is slightly above land surface.

The well is located about 7000 feet from the Lost River. The aquifer penetrated is not likely in hydraulic connection with the nearby reach of the river. There is no potential for substantial interference with the river based on the aquifer penetrated and the distance.

Permit condition 7B is recommended.

Klam 50344



SCALE 1:24 000



INTERIOR—GEOLOGICAL SURVEY RESTON VIRGINIA—1986

Attachment

OREGON

County: Hilary

Quad name & Blue Canyon

REVIEW CHECKLIST

FOR G- 14388

- Appropriate parts of the stream index
- Estimated number of wells within a one-mile radius & identified types.
- State Observation wells within a five-mile radius.
- Verify that well log is in file. If not provide one.
- List groundwater permits within a five-mile radius with extraordinary conditions.

Number of wells: 1

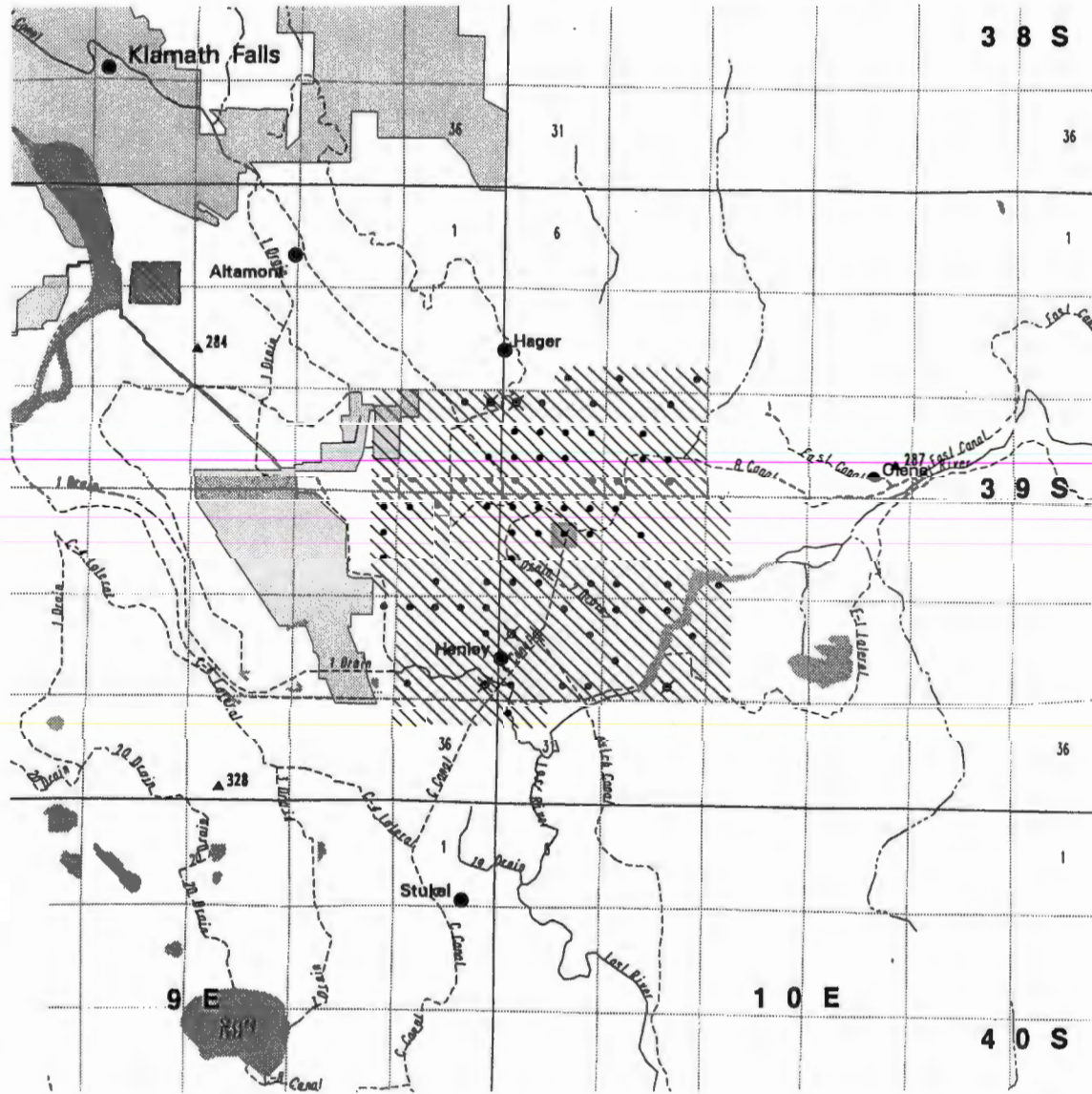
Well location: 398/10E/19 AC

APPLICATIONS WITH PERMIT CONDITIONS:

- 612350
- 13224
- 12367
- 13430
- 12792
- 13041

Wells in the vicinity of application G 14388

- Application well(s) in this 1/4-1/4 section
- Well(s) identified in this section from OWRD's well log database within 1 mi. radius of application well(s)
- Well(s) identified in this 1/4-1/4 section from OWRD's well log database within 1 mi. radius of application well(s)
- ✕ Permitted well(s) in this 1/4-1/4 section within 1 mi. radius of application well(s)
- ▲ OWRD Observation well and well-id within 5 mi. radius of application well(s)
- Critical GW Area
- Regulated GW Area



WELLS WITHIN 1 MILE OF G 14388

| | |
|----|-----|
| DO | 174 |
| DS | 1 |
| MF | 2 |
| IR | 2 |
| MO | 3 |
| MU | 3 |

PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 14388

| PERMIT | T/R/S/QQ | USE | RATE | UNITS |
|---------|--------------------|-----|--------|-------|
| G 7362 | 39.00S 9.00E13NENE | MU | 1.5600 | C |
| G 10085 | 39.00S 9.00E25SESE | IM | 0.0670 | C |
| G 1712 | 39.00S10.00E18NWNW | IR | 0.0700 | C |
| G 2468 | 39.00S10.00E18NWNW | IR | 0.3400 | C |
| G 2468 | 39.00S10.00E18NWNW | IS | 0.0730 | C |
| G 10928 | 39.00S10.00E30SWNW | IR | 0.5000 | C |
| G 10928 | 39.00S10.00E30SWNW | SC | 0.5000 | C |
| G 11083 | 39.00S10.00E30SENW | AH | 0.6700 | C |
| G 1833 | 39.00S10.00E29SWSE | IR | 0.0500 | C |

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G-14388

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: T39S/R 10E-19ac

CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Michael Zwart