



TO: Water Rights Section February 15, 2001  
FROM: Groundwater/Hydrology Section Michael Zwart  
SUBJECT: Application G- 15299 Reviewer's Name

**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) 7 B;
    - 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) \_\_\_\_\_;
    - 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)

**OREGON WATER RESOURCES DEPARTMENT  
INTEROFFICE MEMO**

To: Ground Water Files Date: February 15, 2001

From: Michael J. Zwart

Subject: Application Review: G-15299, Lester G. Lindell

This application proposes to use about 3.06 cfs from up to two proposed wells for primary irrigation of 245.0 acres. The wells are proposed to be completed to a depth of 500 feet, sealed to 40 feet and will likely penetrate a semiconfined to confined aquifer developed in basalt of the Columbia River Basalt Group. The aquifer is not likely in hydraulic connection with nearby surface water sources.

The wells are both less than 300 feet from Rail Hollow. There is no potential for substantial interference with surface water, based on the confined aquifer penetrated.

I recommend permit condition 7B.

**OREGON ADMINISTRATIVE RULES**  
**CHAPTER 690, DIVISION 500 — WATER RESOURCES DEPARTMENT**

**BASIN PROGRAMS**

**DIVISION 500**

**BASIN PROGRAMS**

**Basin Programs Preamble**

690-500-010 (1) The Water Resources Commission is responsible for the establishment of policy and procedures for the use and control of the state's water resources. In executing this responsibility, the Commission develops, adopts and periodically modifies programs for the state's major drainage basins as shown in Figure 1.

(2) Basin programs are administrative rules which establish water management policies and objectives and which govern the appropriation and use of the surface and ground water within each of the respective basins. The rules classify surface and ground waters according to the uses which are permitted, may establish preferences among uses, may withdraw surface and groundwaters from further appropriation, may reserve waters for specified future uses, and may establish minimum perennial streamflows. These rules are in addition to rules with statewide applicability which govern the allocation and use of water.

(3) The Commission has adopted programs for the following basins:

- (a) North Coast Basin (Division 501);
- (b) Willamette Basin (Division 502);
- (c) Sandy Basin (Division 503);
- (d) Hood Basin (Division 504);
- (e) Deschutes Basin (Division 505);
- (f) John Day Basin (Division 506);
- (g) Umatilla Basin (Division 507);
- (h) Grand Ronde Basin (Division 508);
- (i) Powder Basin (Division 509);
- (j) Malheur — Owyhee Basins (Division 510);
- (k) Goose and Summer Lakes Basin (Division 513);
- (l) Rogue Basin (Division 515);
- (m) Umpqua Basin (Division 516);
- (n) South Coast Basin (Division 517);
- (o) Mid Coast Basin (Division 518);
- (p) Columbia River (Division 519);
- (q) Middle Snake River Basin (Division 520).

(4) Although the Commission has not adopted a comprehensive basin program for the waters of the Malheur Lake Basin, minimum perennial streamflows have been adopted for specified streams in the basin. These minimum perennial streamflows are in Division 512. Allocation and use of the waters of the basin also are subject to administrative rules with statewide applicability.

(5) The Commission has not adopted a comprehensive basin program for the waters of the Klamath Basin. Allocation and use of the waters of the basin are subject to administrative rules with

statewide applicability and to the provisions of the Klamath River Basin Compact (ORS 542.620).

Stat. Auth.: ORS 536.027 & 536.300

Hist.: WRD 16-1988, f. & cert. ef. 9-23-88; Renumbered from 690-80-000

**Definitions**

690-500-020 Unless otherwise defined in a basin program, the following definitions apply in OAR Chapter 690, Divisions 501, 504 - 512, and 515 - 520 to any classification adopted prior to January 1, 1993:

(1) "Domestic Use" means the use of water for domestic water use, group domestic water use, commercial water use of less than 5,000 gallons per day, or human consumption as defined in OAR 690-11-010.

(2) "Fish Culture or Fish Life Use" means the use of water for aquatic life water uses as defined in OAR 690-11-010 and public uses related to fish culture or fish life water uses as defined in OAR 690-77-010.

(3) "Industrial Use" means the use of water for commercial water use or industrial water use as defined in OAR 690-11-010.

(4) "Irrigation Use" means the use of water for agricultural water use, cranberry use, irrigation, nursery operations use, or temperature controls as defined in OAR 690-11-010.

(5) "Livestock Use" means the use of water for stockwater use as defined in OAR 690-11-010.

(6) "Mining Use" means the use of water for mining water use or placer mining as defined in OAR 690-11-010.

(7) "Municipal Use" means the use of water for commercial water use, municipal water uses, or quasi-municipal water uses as defined in OAR 690-11-010.

(8) "Pollution Abatement Use" means the use of water for pollution abatement or prevention water use as defined in OAR 690-11-010 and public uses related to pollution abatement as defined in OAR 690-77-010.

(9) "Power or Power Development Use" means the use of water for power development water use as defined in OAR 690-11-010.

(10) "Recreation Use" means the use of water for recreation water use as defined in OAR 690-11-010 and public uses related to recreation uses as defined in OAR 690-77-010.

(11) "Wildlife Use" means the use of water for wildlife use as defined in OAR 690-11-010 and public uses related to wildlife uses as defined in OAR 690-77-010.

Stat. Auth.: ORS 536.220 - 536.350

Hist.: WRD 5-1993, f. & cert. ef. 10-7-93

OREGON WATER RESOURCES DEPARTMENT  
ADMINISTRATIVE RULES  
CHAPTER 690  
DIVISION 504  
HOOD BASIN PROGRAM

**Classifications**

690-504-001

(1) The maximum economic development of this state, the attainment of the highest and best use of the waters of the Hood Basin and the attainment of an integrated and coordinated program for the benefit of the state as a whole will be furthered through utilization of the aforementioned waters only for domestic, livestock, municipal, irrigation, power development, industrial, mining, recreation, wildlife, fish life, pollution abatement uses, and the waters of the Hood Basin are hereby so classified with the following exceptions:

(a) The maximum economic development of this state, the attainment of the highest and best use of the waters of Dog River above its point of diversion at Water Resources Department - U.S. Geological Survey Gage 1134, as shown on State Water Resources Board Map 4.6, and the attainment of an integrated and coordinated program for the benefit of the state as a whole will be furthered through utilization of the aforementioned waters only for municipal use and the waters of Dog River above its point of diversion at Water Resources Department - U.S. Geological Survey Gage 1134, as shown on State Water Resources Board Map 4.6, are hereby so classified.

(b) The maximum economic development of this state and the attainment of the highest and best use of the waters of the natural lakes of the Hood Basin, and the attainment of an integrated and coordinated program for the benefit of the state as a whole will be furthered through utilization of the aforementioned waters only for domestic, livestock, irrigation of lawn or noncommercial garden not to exceed one-half acre in area, power development not to exceed 7 1/2 theoretical horsepower, recreation, wildlife, and fish life uses and the waters of natural lakes of the basin are hereby so classified.

(2) Applications for the use of these specified waters of the Hood Basin shall not be accepted by any state agency for any other use and the granting of applications for such other uses is declared to be prejudicial to the public interest and the granting of applications for such other uses would be contrary to the integrated and coordinated program for the use and control of the water resources of the state.

(3) Structures or works for the utilization of the waters in accordance with the aforementioned classifications are also declared to be prejudicial to the public interest unless planned, constructed, and operated in conformity with the applicable provisions of ORS 536.310 and any such structures or works are further declared to be prejudicial to the public interest which do not give cognizance to the multiple-purpose concept.

**Minimum Perennial Streamflows**

690-504-002

*Adopted March 30, 1966. Amended January 10, 1980; April 4, 1981 and February 26, 1985.*

**Sections**

TOWNSHIP	TWP_CHAR	RANGE	RNG_CHAR	SECTION	LOC_INFO	TR	MINX	MINY	MAXX
2	S	13	E	3	2.00S13.00E 3	2.00S13.00E	1139426.13	1337820.75	1144816.8

**Records Found: 1****County**

COUNTY	FIPS
Wasco	41065

**Records Found: 1****Basins**

BASIN_NUM	BASIN_NAME
4	Hood

**Records Found: 1****WaterMaster Districts**

WATERDIST	REGION
3	NC

**Records Found: 1****WAB**

BASIN	WID	LINK_1
4	30410543	Water Availability: <u>50%</u> <u>80%</u>

**Records Found: 1****Groundwater Restricted Records Found: 0****Divison 33 Area**

DIV33
In a Div33 area

**Records Found: 1****Rule 4D**

RULE4D
In a Rule4D Area

**Records Found: 1****Place of Use (Hood River) Records Found: 0**