

Analysis for Application: G15885

Location: 1N-14E-26-NWSE

Uses: IS 16 S

Basins

BASIN_NUM	BASIN_NAME
4	Hood

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SQ MILES	WMASTER	ADDRESS	CITY
3	NC	1882501	2941	Larry Toll	Courthouse Annex B, Rm 218, 421 E 7th ST	The Da

Records Found: 1

WAB

BASIN	WID	LINK1	LINK2
4	30410546	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Wasco	41065

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

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 1N-14E-26-SWSE

Uses: IS 16 S

Basins

BASIN_NUM	BASIN_NAME
4	Hood

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SQ MILES	WMASTER	ADDRESS	CITY
3	NC	1882501	2941	Larry Toll	Courthouse Annex B, Rm 218, 421 E 7th ST	The Da

Records Found: 1

WAB

BASIN	WID	LINK1	LINK2
4	30410546	Water Availability: 50% 80%	Flood Frequency Analysis
4	30410550	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 2

County

COUNTY	FIPS
Wasco	41065

Records Found: 1

Groundwater Restricted Records Found: 0

Division 33 Area

DIV33
In a Div33 area

Records Found: 1

Rule 4D

RULE4D
In a Rule4D Area

Records Found: 1

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 1N-14E-26-NESW

Uses: IS 27.5 S

Basins

BASIN_NUM	BASIN_NAME
4	Hood

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SQ_MILES	WMASTER	ADDRESS	CITY
3	NC	1882501	2941	Larry Toll	Courthouse Annex B, Rm 218, 421 E 7th ST	The Da

Records Found: 1

WAB

BASIN	WID	LINK1	LINK2
4	30410546	Water Availability: 50% 80%	Flood Frequency Analysis
4	30410550	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 2

County

COUNTY	FIPS
Wasco	41065

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

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 1N-14E-26-NWSW

Uses: IS 1 S

Basins

BASIN_NUM	BASIN_NAME
4	Hood

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SQ_MILES	WMASTER	ADDRESS	CITY
3	NC	1882501	2941	Larry Toll	Courthouse Annex B, Rm 218, 421 E 7th ST	The Da

Records Found: 1

WAB

BASIN	WID	LINK1	LINK2
4	30410546	Water Availability: 50% 80%	Flood Frequency Analysis
4	30410550	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 2

County

COUNTY	FIPS
Wasco	41065

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

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 1N-14E-26-SESW

Uses: IS 40 S

Basins

BASIN_NUM	BASIN_NAME
4	Hood

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SQ MILES	WMASTER	ADDRESS	CITY
3	NC	1882501	2941	Larry Toll	Courthouse Annex B, Rm 218, 421 E 7th ST	The Da

Records Found: 1

WAB

BASIN	WID	LINK1	LINK2
4	30410546	Water Availability: 50% 80%	Flood Frequency Analysis
4	30410550	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 2

County

COUNTY	FIPS
Wasco	41065

Records Found: 1

Groundwater Restricted Records Found: 0

Division 33 Area

DIV33

In a Div33 area

Records Found: 1

Rule 4D

RULE4D

In a Rule4D Area

Records Found: 1

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 1N-14E-26-SWSW

Uses: IS 21.8 S

Basins

BASIN_NUM | **BASIN_NAME**

4 | Hood

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SO MILES	WMASTER	ADDRESS	CITY
3	NC	1882501	2941	Larry Toll	Courthouse Annex B, Rm 218, 421 E 7th ST	The Da

Records Found: 1

WAB

BASIN	WID	LINK1	LINK2
4	30410550	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Wasco	41065

Records Found: 1

Groundwater Restricted Records Found: 0

Division 33 Area

DIV33
In a Div33 area

Records Found: 1

Rule 4D

RULE4D
In a Rule4D Area

Records Found: 1

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 1N-14E-35-NWNE

Uses: IS 4.4 S

Basins

BASIN_NUM	BASIN_NAME
4	Hood

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SQ_MILES	WMASTER	ADDRESS	CITY
3	NC	1882501	2941	Larry Toll	Courthouse Annex B, Rm 218, 421 E 7th ST	The Da

Records Found: 1

WAB

BASIN	WID	LINK1	LINK2
4	30410546	Water Availability: 50% 80%	Flood Frequency Analysis
4	30410550	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 2

County

COUNTY	FIPS
Wasco	41065

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

303D Streams Records Found: 0

303D Lakes Records Found: 0

**OREGON WATER RESOURCES DEPARTMENT
INTEROFFICE MEMO**

To: Ground Water Files Date: February 12, 2003

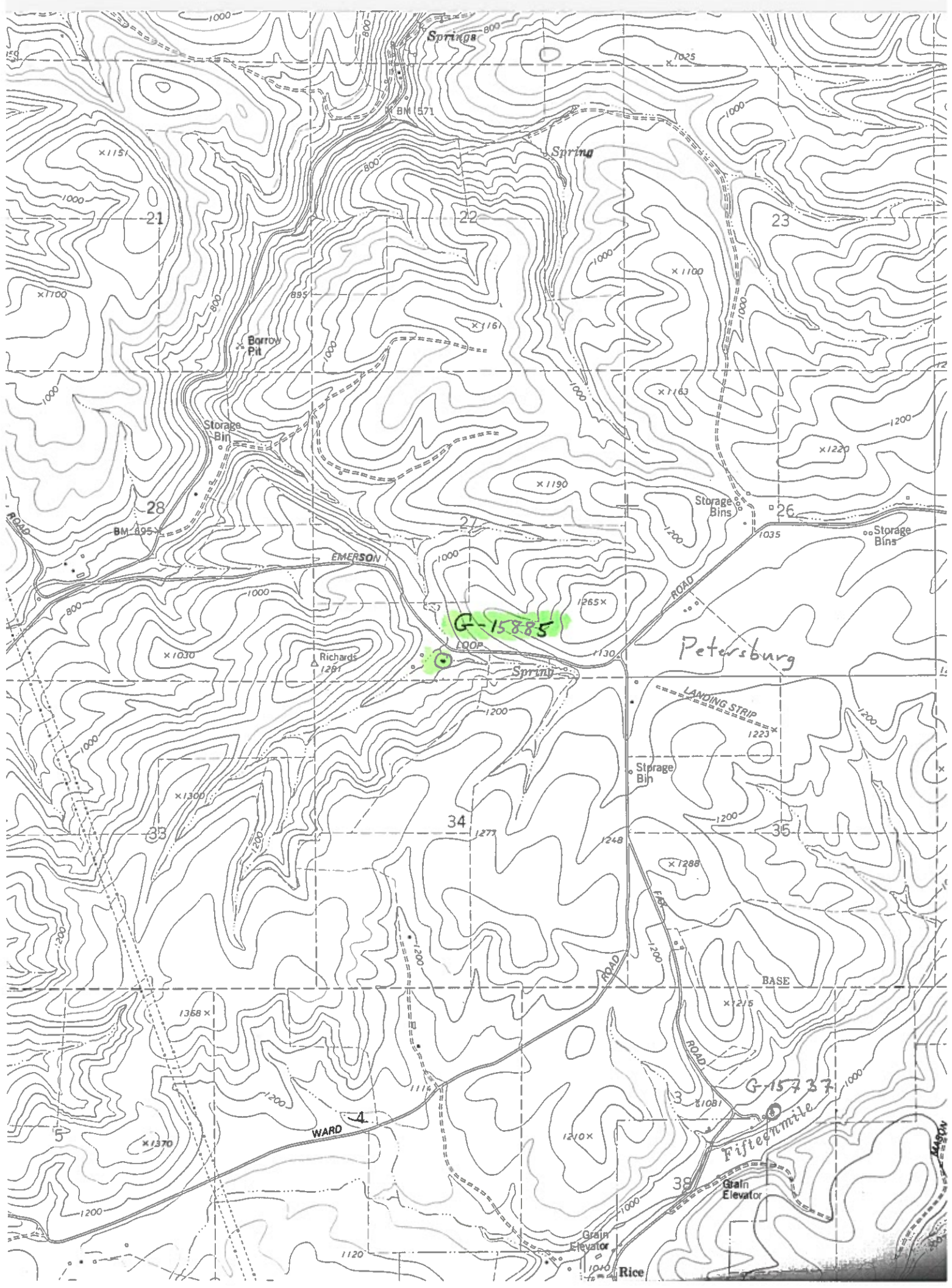
From: Michael J. Zwart

Subject: Application Review: G-15885, George Harth 1988 Trust, Neal Harth,
Trustee

This application proposes to use about 1.58 cfs from one well for supplemental irrigation of 126.7 acres. The well (WASC 2713, deepened: WASC 50938) is 598 feet deep and produces water from a confined to semiconfined aquifer developed in basalt rocks of the Columbia River Basalt Group. The static water level is reported to be 209 feet below land surface. It is noted that the well was not named or numbered on the application, but three wells are located on the application map. Based on the enclosed well logs, this review presumes only one well, located in Section 27, is being filed on.

The well is about 200 feet from an intermittent tributary of Eightmile Creek. The aquifer is not likely in hydraulic connection with the nearby reach of the creek. There is no potential for substantial interference with surface water sources, based on the confined to semiconfined nature of the aquifer and the head difference.

I recommend permit conditions 7B and 7E.



TO: Water Rights Section

Feb. 12, 2003

FROM: Ground Water/Hydrology Section Michael Zwart
Reviewer's Name

SUBJECT: Application G- 15885

GROUND WATER/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 ground water source hydraulically connected to the surface water.

2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed ground water 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.

GROUND WATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that ground water 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 ground water resource:
 - i. The permit should contain condition #(s) 7E;
 - 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 ground water production from no deeper than _____ ft. below land surface;
 - b. ___ The permit should allow ground water production from no shallower than _____ ft. below land surface;
 - c. ___ The permit should allow ground water production only from the _____ ground water 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. ___ other: (specify) _____
6. THE WELL construction deficiency:
- a. ___ constitutes a health threat under Division 200 rules;
 - b. ___ commingles water from more than one ground water reservoir;
 - c. ___ permits the loss of artesian head;
 - d. ___ permits the de-watering of one or more ground water reservoirs;
 - e. ___ other: (specify) _____
7. THE WELL construction deficiency is described as follows: _____
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. ___ I don't know if it met standards at the time of construction.

RECOMMENDATION:

- A. ___ 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. ___ 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

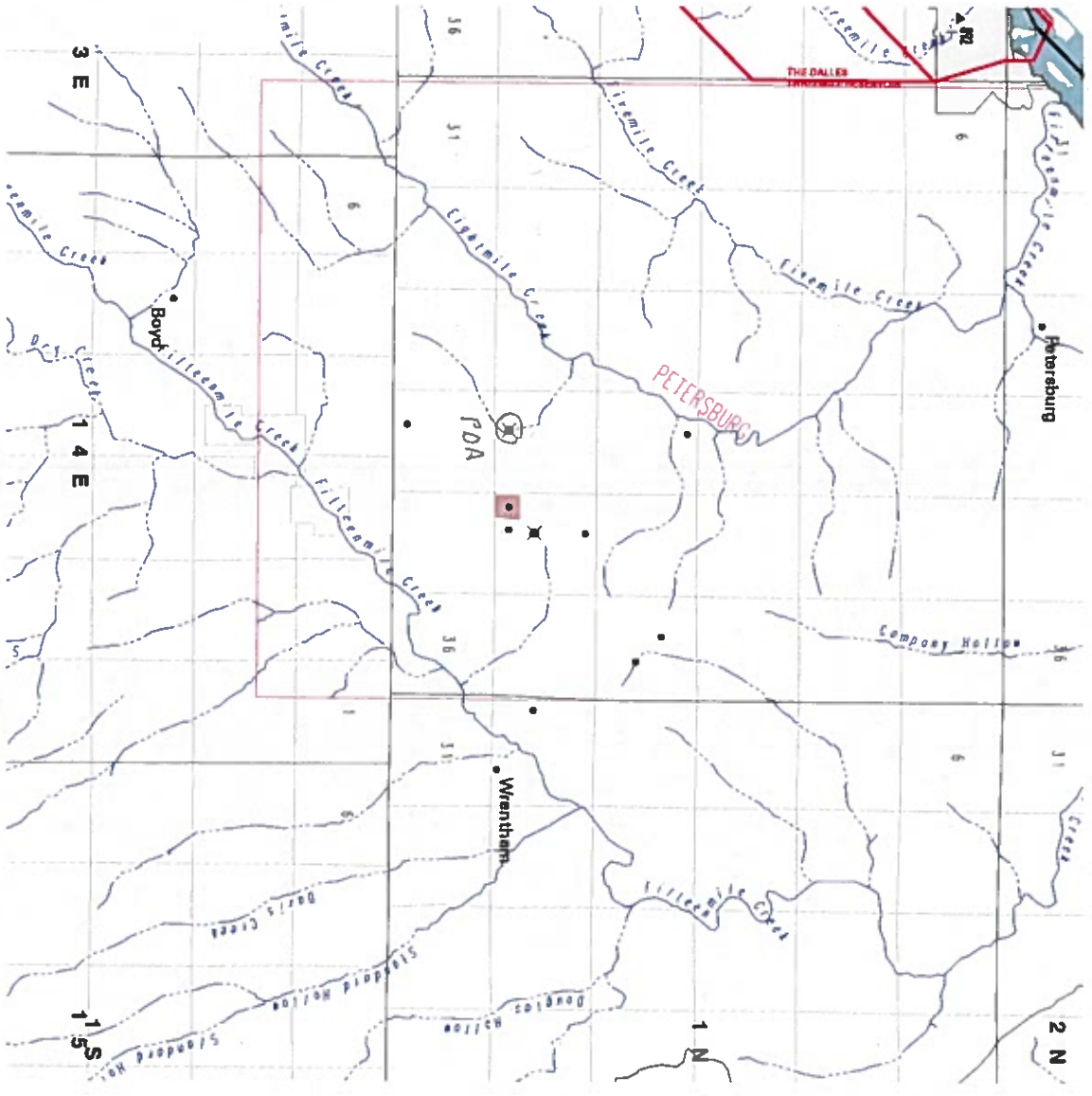
_____, 199__
(Signature)

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)

Wells in the vicinity of application G 15885

- Application well(s) in this 1/4-1/4 section
- Well(s) identified in this 1/4-1/4 section from OWRD's well log database within 1 mi. radius of application well(s)
- ◻ Well(s) identified in this 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)
- Conditioned, permitted well(s) in this 1/4-1/4 section within 5 mi. radius of application well(s)
- Critical GW Area
- - - Regulated GW Area



Map showing wells in the vicinity of application G 15885. The map includes a grid, section numbers (36, 31, 6, 1), town names (Petersburg, Wrentham, Boyd), and creek names (Five Mile Creek, Light Mile Creek, Middle Mile Creek, Five Mile Creek, Company Hollow, Standard Hollow, Douglas Hollow, Standard Hollow). A red square marks the application well location. Symbols represent different well types as defined in the legend. A north arrow and a 1-mile scale bar are also shown.

WELL LOGS WITHIN 1 MILE OF APPLICATION G 15885

ABANDON: 4
 RECONDITIONED: 2
 REPAIRED: 2
 CONVERSION: 0
 DEEPENINGS: 4
 NEW CONSTRUCT: 12

 COMMUNITY USE: 0
 DOMESTIC USE: 7
 INDUSTRIAL USE: 0
 INJECTION USE: 0
 IRRIGATION USE: 8
 THERMAL USE: 0
 LIVESTOCK USE: 0

PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 15885

\$RECNO	APPLICATION	PERMIT	CLAIM	LOC-QQ	USE_CODE
1	0	G	7258	0 1.00N14.00E26NESW	IR
1	0	G	7258	0 1.00N14.00E26NESW	IR
1	G 10871	G	10073	0 1.00N14.00E26NESW	IR
2	G 7437	G	6934	0 1.00N14.00E27SESW	IR

NO CONDITIONED WELLS WITHIN 1 MILE OF APPLICATION G 15885

APPLICATION G 15885 FALLS WITHIN THESE QUAD(S)

PETERSBURG

The following OWRD Groundwater Management Areas are within the map extent:

\$RECNO	NAME1	NAME2	SUB-AREA	STATUS
1	THE DALLES			CRIT
2	THE DALLES	THREEMILE RESERVOIR		CRIT

November 13, 1996

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

Classifications

690-504-000 (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

Note: These rules were filed with the Office of the Secretary of State and took effect on November 13, 1996. The rules are subject to non-substantive modifications such as renumbering and correction of typographical errors pursuant to ORS 183.360 (2)(a) when published by the Secretary of State.

be prejudicial to the public interest which do not give cognizance to the multiple-purpose concept.

Stat. Authority: ORS 536.220 and 536.310

Hist.: WRD , f. & ef. 11-13-96

Water Quality

690-504-020 Rights to use of water for industrial or mining purposes granted by any state agency shall be issued only on condition that any effluents or return flows from such uses shall not interfere with other beneficial uses of water.

Stat. Authority: ORS 536.310

Hist.: WRD , f. & ef. 11-13-96

Reservations

690-504-100 (1) Reservations of water for economic development are established pursuant to ORS 537.249 and 537.356 to ensure sufficient surface water will be available in the future to meet expected needs. Economic development includes, but is not limited to, the production of goods and services and management of natural resources which contribute economic benefits through both instream and out-of-stream uses of water.

(2) Notwithstanding OAR 690-504-000, stored water may be used for any beneficial purpose.

(3) "Multipurpose reservoir", as used in OAR 690-504-100 through 160, means a reservoir storing water to serve multiple potential beneficial uses such as irrigation, power generation, municipal water supply, recreation, and flow augmentation for instream purposes.

(4) Reservations of water for future economic development in OAR 690-504-110 through 160 allocate surface water for storage in multipurpose reservoirs. The storage of up to 2,000 acre-feet of water for livestock or domestic purposes authorized under water rights with priority dates after November 6, 1992, shall be exempt from regulation for storage of water reserved under OAR 690-504-110 through 160.

(5) In addition to the requirements of OAR Chapter 690, Division 310, an application for a permit to store reserved water shall include:

(a) An assessment of the effect of the proposed reservoir on fish and wildlife developed after consultation with the Oregon Department of Fish and Wildlife;

(b) An assessment of the effect of the proposed reservoir on water quality developed after consultation with the Oregon Department of Environmental Quality;

(c) An analysis of water supply alternatives to the proposed reservoir, such as off-stream storage, water right transfers and implementation of conservation measures; and

(d) An analysis summarizing and describing how the proposed project will enhance instream values, including but not limited to instream flows. *

(6) For the purposes of review of applications to store reserved water under OAR Chapter 690, Division 310, the reserved quantities of water listed in OAR 690-504-110 through 160 are available for appropriation.

(7) In addition to any other findings required for issuance of a reservoir permit under OAR 690, Division 310, and prior to issuance of a permit for a proposed project storing water reserved under 690-504-110 through 160, the Department shall also find:

(a) The proposed reservoir is consistent with the purpose of the reservation following consultation with the Department of Agriculture and other state agencies;

(b) The proposed reservoir will enhance instream values, including but not limited to instream flows; and

(c) What storage season is appropriate and whether minimum bypass flows or other conditions should be included in the permit to insure no harm to senior water rights and to protect instream values.

(8) Permits to store reserved water shall receive the priority date of the reservation.

(9) If the Department has not received applications for multipurpose reservoir permits for the full quantity of reserved water five years after the adoption of these rules, the Department of Agriculture shall provide the Commission with a progress report on development of the reservations. The report shall include information on the continued need for the reservations and the quantities of water reserved. The Department of Agriculture shall continue to provide progress reports at five year intervals while these rules are in effect unless the Department receives applications for multipurpose reservoir permits for the full quantity of reserved water.

(10) If the Department has not received applications for multipurpose reservoir permits for the full quantity of water reserved twenty years after October 17, 1996, OAR 690-504-110 through 160 shall automatically be repealed on October 17, 2016, unless extended by further rulemaking of the Water Resources Commission.

Stat. Authority: ORS 536.310, 537.249, 537.356 and 537.358

Hist.: WRD , f. & ef. 11-13-96

West Fork Hood River Subbasin Reservation

690-504-110 Nine thousand (9,000) acre-feet of unappropriated water of the Lake Branch of the West Fork Hood River or its tributaries upstream of the confluence with the West Fork Hood River are reserved for storage in multipurpose reservoirs. The priority date of the reservation is November 6, 1992.

Stat. Authority: ORS 537.249 and 537.356

Hist.: WRD , f. & ef. 11-13-96

East Fork Hood River Subbasin Reservation

690-504-120 Fifty Thousand (50,000) acre-feet of unappropriated water of the East Fork Hood River or its tributaries upstream of the confluence of the Dog River with the East Fork Hood River are reserved for storage in multipurpose reservoirs. The priority date of the reservation is November 6, 1992.

Stat. Authority: ORS 537.249 and 537.356

Hist.: WRD , f. & ef. 11-13-96

Neal Creek Subbasin Reservation

690-504-130 Five thousand (5,000) acre-feet of unappropriated water of Neal Creek or its tributaries are reserved for storage in multipurpose reservoirs. The priority date of the reservation is November 6, 1992.

Stat. Authority: ORS 537.249 and 537.356

Hist.: WRD , f. & ef. 11-13-96

Mosier Creek Subbasin Reservation

690-504-140 Six thousand four hundred (6,400) acre-feet of unappropriated water of Mosier Creek or its tributaries are reserved for storage in multipurpose reservoirs. The priority date of the reservation is November 6, 1992.

Stat. Authority: ORS 537.249 and 537.356

Hist.: WRD , f. & ef. 11-13-96

Eightmile Creek Subbasin Reservation

690-504-150 Four thousand (4,000) acre-feet of unappropriated water of Eightmile Creek or its tributaries upstream of the confluence of Pine Hollow with Eightmile Creek are reserved for storage in multipurpose reservoirs. The priority date of the reservation is November 6, 1992.

Stat. Authority: ORS 537.249 and 537.356

Hist.: WRD , f. & ef. 11-13-96

Fifteenmile Creek Subbasin Reservation

690-504-160 Unappropriated water in the Fifteenmile Creek subbasin is reserved as follows:

(1) Five thousand (5,000) acre-feet of unappropriated water of Fifteenmile Creek or its tributaries upstream of the City of Dufur water supply reservoir are reserved for storage in multipurpose reservoirs. The priority date of the reservation is November 6, 1992.

(2) Three thousand five hundred (3,500) acre-feet of unappropriated water of Larch Creek or its tributaries are reserved for storage in multipurpose reservoirs. The priority date of the reservation is November 6, 1992.

Stat. Authority: ORS 537.249 and 537.356

Hist.: WRD , f. & ef. 11-13-96

[NOTE: The Hood Basin is delineated on State Water Resources Board Map, File 4.6, available from the Water Resources Department.]