

ERALD ROTH
196 81ST AVE NE
ALEM, OR 97305

SP*70800-119

6448
6449

6-13240

200 EXAM
100 10/ACRE
32. AOS/acre

332.00

L. A. 13240

1/80 2.5

6-13240

1-8-1975

SCENE - 112

TITLE - 112

USE: ^{School} (Relocation) 26.0 Acre ^{Allocated} all

AMOUNT: 0.32 eB

PERIOD: March 1 through Oct. 31

Wm: 16 Rm: N/A

CARE: Mr. James M. Schmitt # 117

H&R: H

cc: ~~Commissioner~~

Placard:

T.R. Commission:

G.W. Commission. See G.W. Report.

CLARK Gerry E

From: CLARK Gerry E
Sent: Friday, January 23, 2015 12:07 PM
To: 'Greg Kupillas'
Cc: WOZNIAK Karl C (karl.c.wozniak@state.or.us)
Subject: RE: Permit G-12259 COBU status

Greg,

I did find a copy of the pump test in the file, but no approval letter. In addition, Groundwater has made a note in the file concerning the aquifer that was developed and how it appears to not be completed into the basalt reservoir as required.

Gerry

Gerry Clark
Water Right Services Division
Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301

Phone: 503-986-0811

From: Greg Kupillas [<mailto:phggek@bctonline.com>]
Sent: Thursday, January 22, 2015 6:21 PM
To: 'CLARK Gerry E'
Subject: Permit G-12259 COBU status

Gerry,

I am following up on this one for Jeff Roth. Could you give me an update on the status of the COBU for Application G-13240, Permit G-12259? The COBU was submitted in 2000. Also, I see on WRIS that the pump test results were received by the Department in 2005, but there is no indication that they have been approved, so I am wondering if this is holding up the certificate. Please let me know.

Regards,

Greg

Oregon Water Resources Department
PUMP TEST FORM COVER SHEET

Well Owner:

Name Geena Roth
Address _____
County _____
City, State, Zip _____
Original owner (from well log): _____

Well Location:

Twnshp 7 (N or S), Range 2 (E or W)
Section 15 $\frac{1}{4}$, $\frac{1}{4}$, $\frac{1}{4}$ NE NW
Well depth _____ Date drilled _____
Owners well no. (if any) _____
Pod ID: _____

Water Right Information:

Application G-13240 Permit G-12259 Certificate _____
Is this well listed on more than one water right? _____ (Y/N) If yes, list additional water rights below:
Application _____ Permit _____ Certificate _____
Application _____ Permit _____ Certificate _____

Pump Test:

Test Conducted by: DON KNAUER Well Owner? NO (Y/N)
Company DON KNAUER CONSULTING
Address PO Box 3416 Date of Test 2/15/05
City State, Zip SALEM OR 97304
Daytime phone 503-378-8446 503-585-8474

Method of discharge measurement (see our brochure for acceptable methods): METER
Method of water-level measurement (circle one): electric tape / pressure transducer / air line /
acoustic sounder / steel tape / other (specify) E-TAPE
Length of air line (if used) _____

RECEIVED

Pump type (circle one) submersible / turbine / jet / centrifugal / other (specify) _____
Was the pump test conducted during normal use of the well NO (Y/N)

FEB 16 2005

WATER RESOURCES DEPT
SALEM, OREGON

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? NO (Y/N)
If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test: _____

Is there a lake, stream or other surface water body within $\frac{1}{4}$ mile of the tested well? _____ (Y/N) If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head. Approx. distance: _____ ft
Approx. elevation difference: _____ ft
Well elevation is at / above / below (circle one) surface water body.

Description of measuring point (e.g. top port of 1 inch port pipe, west side) $\frac{1}{2}$ " THREADED HOLE
ON WEST SIDE OF WELL CAP
Measuring point distance above / below (circle one) land surface 2.1' feet

Static water level measurements: (A minimum of three measurements are required in the hour before pumping begins at no less than 20 minutes apart):

Time	Depth to water below meas. point	Depth to water below land surface
<u>8:45</u>	<u>33.45</u>	<u>31.35</u>
<u>9:05</u>	<u>33.45</u>	<u>31.35</u>
<u>9:25</u>	<u>33.45</u>	<u>31.35</u>
<u>9:55</u>	<u>33.45</u>	<u>31.35</u>

Discharge measurements: (A discharge measurement is required at the start of pumping and at least once an hour during the test; additional measurements should be noted on the Pump Test Data Sheet):

Time	Discharge Rate	Discharge Units (e.g. gpm, cfs, etc)
<u>10:24</u>	<u>220 GPM</u>	
<u>10:45</u>	<u>225 GPM</u>	
<u>11:45</u>	<u>220 GPM</u>	
<u>12:45</u>	<u>220 GPM</u>	
<u>1:45</u>	<u>215 GPM</u>	

Time pump turned on: _____ Date 2/15/05
Time pump turned off: _____ Date 2/15/05
Total pumping time: _____ hours

Time 10:23
Time 2:30
352 minutes

Note: Well must be idle for at least 16 hours prior to the test.

Additional forms can be obtained from our web site at: <http://www.wrd.state.or.us>

OWRD 2/9/2000

JEFF

[Signature]
2/15/05

PUMP TEST DATA SHEET

POTW - 2/15/05

Page ____ of ____

Application: G-13240 Permit: G-12259 Certificate: Pod Id:

All water-level measurements must either be in feet and inches, or feet and decimal fractions.

Drawdown Data

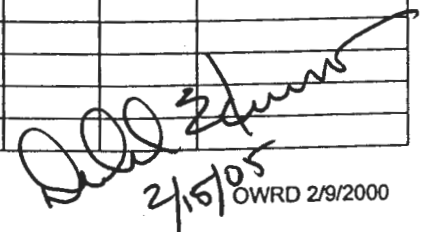
Recovery Data

Date	Time	Time Since Pump Started (minutes)	Depth to Water Below Measuring Pt	Depth to Water Below Land Surface	Comments	Date	Time	Time Since Pump Stopped (minutes)	Depth to Water Below Measuring Pt	Depth to Water Below Land Surface	Comments
2/15/05	8:45	SWL					1:16		37		
	10:23	0			START PUMP	2/15/05	2:31	248	40	38	pump went off
	10:24	1	41 1/2	39	Q = 220 gpm		2:32	249	39 1/2	37	pump off @ 2:30
	10:26	3	42 1/2	40			2:34	251	38 3/4	36 1/2	
	10:28	5	42 3/4	40 1/8			2:36	253	37 3/4	35 3/8	
	10:30	7	43 3/4	41 1/2	Q = 220 gpm		2:38	255	37 1/2	35 1/2	
	10:31	8	44 1/2	42			2:40	257	37 1/2	35 1/2	
	10:32	9	44 1/2	42 1/2			2:45	262	37	34 1/2	
	10:34	11	44 1/2	42 1/2			2:50	267	36 1/2	34 1/2	
	10:35	12	44 1/2	42 1/2			2:55	272	36 1/2	34 1/2	
	10:40	17	45 1/2	43 1/2			3:00	277	36 1/2	34 1/2	
	10:45	22	45 1/2	43 1/2	Q = 225 gpm		3:15	292	35 1/2	33 1/2	
	10:50	27	46 1/2	44			3:30	307	35 1/2	33 1/2	
	10:55	32	46 1/2	44 1/2			3:45	322	35 1/2	33 1/2	
	11:00	37	46 1/2	44 1/2			4:00	337	35 1/2	33 1/2	
	11:15	52	47	44 1/2			4:15	352	35	32 1/2	90%
	11:30	67	47 1/2	45 1/2							
	11:45	82	47 1/2	45 1/2	Q = 220 gpm						
	12:00	97	47 1/2	45 1/2							
	12:15	112	48 1/2	46							
	12:30	127	48 1/2	46 1/2							
	12:45	142	48 1/2	46 1/2	Q = 220 gpm						
	1:00	157	48 1/2	46 1/2							
	1:12				pump went off						
	1:16				got pump back on						
	1:30	187	48 1/2	46 1/2							
	1:45	202	48 1/2	46 1/2	Q = 215 gpm						
	2:00	217	48 1/2	46 1/2							
	2:15	232	48 1/2	46 1/2							
	2:30	247	49 1/2	47	pump off						
	2:31		40		up						

RECEIVED

FEB 16 2005

WATER RESOURCES DEPT
SALEM, OREGON


 2/15/05
 OWRD 2/9/2000



Oregon
Tina Kotek, Governor

Water Resources Department
725 Summer St NE, Suite A
Salem, OR 97301
(503)986-0900
Fax (503) 986-0904

September 17, 2024

JERRY VESSELLO
DIRECTOR, FACILITIES & OPERATIONS
CHEMEKETA COMM. COLLEGE
PO BOX 14007
SALEM, OR 97309

GW

The Department has reviewed the status of your pump test and any requests for extension(s) or exemption(s) for the following permitted well(s). The results are summarized in the table below:

Application	Water Right	Permitted Well	Pumped Well	Test Date	Request Status	Exemption	Well Name
G 12324	Permit: G 11304 *	MARI0006715	MARI0006715	08/27/2002	REJECTED		WELL 1

The test(s) was/were rejected for the following reason(s):

- ☒ The discharge rate was not held constant.
- ☐ The pump was turned off for a portion of the pumping phase.
- ☐ The discharge was not measured at the specified time intervals during the pumping phase of the test.
- ☐ Water levels were not measured to an accuracy of 0.1 feet.
- ☐ Pre-test static water levels or shut in pressures were not measured at the specified intervals.
- ☐ Water levels or shut in pressures were not measured at the specified time intervals during the test.
- ☐ Water levels or shut in pressures were not measured during the recovery phase of the test.
- ☐ Airline measurements are not allowed if the depth to water is less than or equal to 300 feet.
- ☐ Airline or sonic measurements were not verified by an electric tape measurement.
- ☐ Test data and the supporting documentation were not reported on the Department's forms.
- ☐ A graph indicates that the data is probably corrupt.
- ☐ Rising water levels during some or all of the pumping phase of the test indicate that the pumping rate was not held constant or that water-level measurements are inaccurate.

The test was rejected for the following reason(s):

- o Discharge rate was not held constant.
- o Per OAR 690-217-0025 (3), the pumping phase of the test shall be at least four hours; the pumping phase for this test was only 1 hour.

The following pump test related materials can be found on our web site at:

Pump test administrative rules: <https://secure.sos.state.or.us/oard/displayDivisionRules.action?selectedDivision=3186>
A booklet explaining pump tests: https://www.oregon.gov/owrd/WRDFormsPDF/pump_test.pdf
Pump test data forms: https://www.oregon.gov/owrd/WRDFormsPDF/pump_test_coverF.pdf
Multiple well exemption request: <https://www.oregon.gov/owrd/WRDFormsPDF/pumptestexemptionform.pdf>
Unreas. burden exemption request: <https://www.oregon.gov/owrd/WRDFormsPDF/pumptestexemptionunreasburden.pdf>

Without an approved pump test, the Department may not be able to process the Claim of Beneficial Use submitted for this permit. The person or persons conducting the test need to be thoroughly familiar with all the test requirements, which are described in the Water Resources Department's administrative rules OAR 690-217.

Approved pump test letters will be digitally posted to the water right in WRIS; all other pump test letters will be mailed to permit holder.

Please contact me if you have any questions.

Sincerely,

Stacey Garrison
503-551-0205
Groundwater Section

cc: GW Pump Test File
cc: Certificates Section/Application File

STATE OF OREGON
WATER RESOURCES DEPARTMENT

INTEROFFICE MEMO

To: FILE

Date: May 12, 1994

From: MICHAEL ZWART *MJZ*

Subject: APPLICATION G-13240, GERALD ROTH

I spoke with Mr. Roth today and relayed the general results of Sarah's review of his application on 5/5/94. I was unable to say with any certainty whether basalt would be encountered at the proposed well location. I speculated that the depth to basalt, if present, would most likely be less than 300 feet, and probably less than 250 feet.

Mr. Roth appears interested in pursuing a basalt well for this particular application, especially if, in doing so, irrigation could be allowed through the full season.

We spoke of the potential for not encountering basalt at this location, or if encountered, not finding sufficient well production at this location. I suggested that, given that possibility, it may be useful to have his well constructor obtain samples for later analysis. There may be potential for the Willamette Silt to be thick at his particular well location. If so, we may want to revisit the determination made by Sarah regarding the proposed aquifer and/or depth of groundwater production.

STATE OF OREGON

COUNTY OF MARION

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

GERALD ROTH
4196 81ST AVE NE
SALEM, OREGON 97305

(503)362-0310

The specific limits for the use are listed below along with conditions of use.

APPLICATION FILE NUMBER: G-13240

SOURCE OF WATER: A WELL IN LITTLE PUDDING RIVER BASIN WITHIN THE WILLAMETTE BASIN

PURPOSE OR USE: IRRIGATION OF 26.0 ACRES

RATE OF USE: 0.32 CFS

PERIOD OF ALLOWED USE: MARCH 1 THROUGH OCTOBER 31 OF EACH YEAR

DATE OF PRIORITY: JANUARY 8, 1993

POINT OF DIVERSION LOCATION: NE 1/4 NW 1/4, SECTION 15, T7S, R2W, W.M.; 70 FEET SOUTH & 1250 FEET EAST FROM NE CORNER, DLC 76

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE 1/4 NW 1/4 26.0 ACRES
SECTION 15
TOWNSHIP 7 SOUTH, RANGE 2 WEST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

- C. The Director may require the permittee to keep and maintain a record of the amount (volume) of water used and may require the permittee to report water use on a periodic schedule as established by the Director. In addition, the Director may require the permittee to report general water use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the permittee to submit alternative reporting procedures for review and approval.

SPECIAL CONDITIONS

The well to be developed for this proposed use shall be conform to the following special construction requirements. This source well shall be cased and sealed into a confined zone within the Columbia River basalts. This permit only allows groundwater production from the basalt groundwater reservoir approximately 200 feet below ground surface.

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

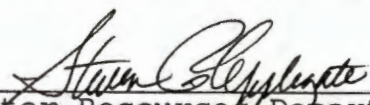
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Actual construction of the well shall begin within one year from permit issuance and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.

Issued February 15, 1996

for 
Water Resources Department
Martha O. Pagel
Director

This permit has a special condition which specifies that the source well shall be cased & sealed into a confined zone in the Columbia River Basalts. As constructed, source well (MARI 19062) produces from the alluvial sediments above the basalt!
K. Wozniak

State of Oregon
Water Resources Department

INTEROFFICE MEMORANDUM

Date: 4-25-94

TO: Steve Brown
FROM: Rob Carter 
SUBJECT: Application G-13240

I was contacted recently by Gerald Roth of G and C Farms concerning the attached application. He apparently has not yet had the well drilled, but stated on his application that he anticipated going approximately 200 feet. Jan Koehler reviewed the application and found that a well at 200 feet would be connected with surface water. Thus, the Technical Review limited him to March and April.

He stated to me (letter attached) that he is more than willing to construct the well so that he is only appropriating water out of the basalts so that he can have water during the full irrigation season. He would like the technical review amended to show the above with a condition that no water may be appropriated above the consolidated formation. When this is done, he would like to drill the well.

I was unsure of how you would handle such a situation. I indicated that we would get back to him when we had decided how to proceed with his application.

Call if you have any questions.

Marion

MEMORANDUM

Date: April 26, 1994

To: Fred Lissner, Janet Koehler

From: Steve Brown

Subject: Review of G-13240

Please complete a review of the information contained in Rob Carter's memo of 4/25/94 and letters of objection from the applicant.

If we are able to condition the proposed permit to address the objection and limit the appropriation of water to a water bearing zone not considered to be in significant hydraulic connection with nearby surface water sources, we may deny the objections, add conditions and allow for an opportunity for filing a protest to the denial.

TO: Water Rights Section

5/5, 1994

FROM: Groundwater/Hydrology Section Gates

Reviewer's Name

Re-review
of Koehler's
9/24/93

SUBJECT: Application G- 13240

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE Willamette Basin rules, one or more of the proposed POA's is is not within 1/4 feet/mile of a surface water source (Little Pudding) 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 Little Pudding River; or
 - c. X will if properly conditioned, adequately protect the surface water from interference:
 - i. ___ The permit should contain condition #(s) _____;
 - ii. X 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
 - 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. ___ 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. X The permit should allow groundwater production only from the Basalt groundwater reservoir between approximately 200+ 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 needs to include casing + sealing
into a confined zone within the Columbia River
Basalts. Depth to basalt was found in only
one well log (162') and never encountered in
another well log @ depth = 181. Determination of depth
of allowable groundwater development needs to
be determined defined at time of drilling.

(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 groundwater reservoir;
 - c. ☐ permits the loss of artesian head;
 - d. ☐ permits the de-watering of one or more groundwater 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: _____

(Signature)

WaterWatch

O F O R E G O N

RECEIVED

JAN 25 1993

January 23, 1993 WATER RESOURCES DEPT.
SALEM, OREGON

Water Resources Department
3850 Portland Rd. N. E.
Salem, OR 97310

RE: Application for Permit #G13240, Gerald Roth
Little Pudding R., Basin, Marion Co., Irrigation

WaterWatch has reviewed the limited amount of information contained in the public notice of this water right application. Based upon that information, WaterWatch raises the following issues, questions and concerns:

Is there unappropriated water available for this proposed use? How will the Department determine water availability for this proposed use? What will be the cumulative effect of this proposed use, in combination with other, already existing uses of the aquifer?

Is the groundwater source in question in hydraulic connection with surrounding surface waters? If so, what is the amount of surface water depletion and what effect will this proposed use have on instream flows necessary to protect the public's interest in fish, wildlife, recreation and a health aquatic system? We oppose any application which in any way reduces surface water flows needed for the public uses that are served by any instream water right.

Given the importance of this groundwater resource, and the Department's limited enforcement staff, it only makes sense to require this applicant to measure and record water use. Measurement not only helps the Department carry out its statutory mandate to promote the control of water resources in Oregon for all beneficial uses, it helps the Department protect the public's interest in assuring the use is within the bounds of the permit. ORS 536.220(1)(a), 537.170(5)

Will this proposed use be compatible with Goal 5 elements in the local comprehensive plan?

It is a high priority of the state to eliminate waste and improve the efficiency of water use. OAR 690-410-060(1) Statewide policy also calls upon water users to use and maintain their water systems in a manner consistent with the state's priority. What conditions are proposed for this permit that will carry out and encourage compliance with state policy?

Is this an existing illegal use of water? If so, will the continued use without a permit cause harm to existing water rights and the public interest?

We request copies of the draft permit and the Department's technical review of this application.

Sincerely,

Jim Myron

bc:

Form C (690-9-77)

IMPORTANT—This form is a notice to the Water Resources Director that permittee is ready to make **final proof** to the extent to which the water has actually been applied to the intended use under the terms of the permit. Permittee is cautioned that Certificate of Water Right will be issued based on the extent of the quantity and use as determined by the **final proof** inspection and survey which will be made in response to the filing of this Form C.

NOTE: In the case of an irrigation permit, this Form C should not be mailed to the Water Resources Department until all of the land described in the permit, which it is intended to irrigate under this permit at any time, has actually been irrigated.

Fill out, detach and mail to the Water Resources Department, Salem, OR 97310, when all of the water has been applied.

Application No. G-13240

NOTICE OF COMPLETE APPLICATION OF WATER TO A BENEFICIAL USE

Jeff Roth, G & C Farms, the holder of Permit No. G-12259

I, Jeff Roth, appropriate the public waters of the state of Oregon, completely applied the waters to a beneficial use in accordance with the terms of said permit, on the 1ST day of AUGUST, 1999.

Remarks: _____

IN WITNESS WHEREOF, I have hereunto set my hand this 27th day of September, 1999.

Jeffrey S Roth
(Signature of Applicant)

4196 86th AVE NE, Salem, OR 97305
(Address)

RECEIVED
SEP 28 1999
WATER RESOURCES DEPT
SALEM, OREGON

B-3 The meter shall be placed in the pipe not less than five pipe diameters downstream from any valve, elbow, or other obstruction which might create turbulent flow, or straightening vanes installed as recommended by the meter manufacturer. There shall be at least one pipe diameter of unobstructed flow on the downstream side of the meter.

B-4 All inline saddle meters equipped with U-bolt fasteners shall be provided with a sealing wire and lead seal near the terminal ends of the U-bolt following the complete installation of the meter.

B-5 The meter and register shall not be locked in a building which would prevent access to the register. The register or meter shelter may be equipped with a lock to prevent tampering or breakage, provided that the State Watermaster has a key.

B-6 Provisions shall be made for rating of the meter in accordance with the manufacturer's specifications.

**WATER RIGHT TRANSFER
AFFIDAVIT ATTESTING TO THE USE OF WATER DURING THE PREVIOUS FIVE YEARS**

State of Oregon)
County of MARION) ss

I JEFFREY S ROTH, in my capacity as PRESIDENT, G.C. FARMS,
mailing address 4196 81ST AVE NE SALEM OR 97305,
telephone number 503-362-0310, being first duly sworn depose and say:

1. I attest that water was used during the previous five years on the entire authorized place of use of the water right subject to transfer as described by the accompanying transfer application. My knowledge of the exercise of the water right is based on (check one):

☒ Personal observation
☐ Professional expertise

2. My knowledge is specific to the use of water at the following location(s):

_____ 1/4 _____ 1/4
_____ 1/4 _____ 1/4
NE 1/4 NW 1/4
Section 15
Township 7 N/S Range 2 E/W

3. The water right was exercised for the authorized purposes and is described as follows:

We irrigated beans in 2000 (25 Acres) and
spring watering of ryegrass in 2002 and 2003,
2004.
This was done from permit # G-13240.
The well in

4. The water delivery system used to apply water as authorized by the water right is described as follows:

2000' of 5" mainline (from pump to the
South end of the field) ; approx. 40 pieces of
3" handline @ 60 psi (= 40 sprinklers).

(continues on reverse side)

PLEASE PRINT LEGIBLY OR TYPE. PLEASE BE AS SPECIFIC AS POSSIBLE. ATTACH ADDITIONAL PAGES IF YOU NEED MORE SPACE. SUPPORTING DOCUMENTATION MUST BE ATTACHED.
June 2003



5. One or more of the following documentation supporting the above statements is attached:

- ☐ Copy of a water right certificate which has been issued within the last five years (not a remaining right certificate),
- ☐ Copies of receipts from sales of irrigated crops or for expenditures relating to use of water,
- ☐ Records such as Farm Service Agency crop reports, irrigation district records, an NRCS farm management plan, or records of other water suppliers,
- ☐ Dated aerial photographs of the lands or other photographs containing sufficient detail to establish the location and date of the photograph,
- ☒ Dedicated power usage records or receipts,
- ☐ If the right has not been used during the past five years, documentation that the presumption of forfeiture would be rebutted under ORS 540.610(2), or
- ☐ Other: _____

Signature of Affiant

Date

Subscribed and Sworn to Before Me this 24 day of November, 2004.



Notary Public for Oregon

My Commission Expires

PLEASE PRINT LEGIBLY OR TYPE. PLEASE BE AS SPECIFIC AS POSSIBLE. ATTACH ADDITIONAL PAGES IF YOU NEED MORE SPACE. SUPPORTING DOCUMENTATION MUST BE ATTACHED.

June 2003

RECEIVED

DEC 04 2007

WATER RESOURCES DEPT
SALEM, OREGON

Water Resources Department

MEMO

Jan 26, 1996

TO Application G- 13240
FROM GW: Mark A Norton
(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.

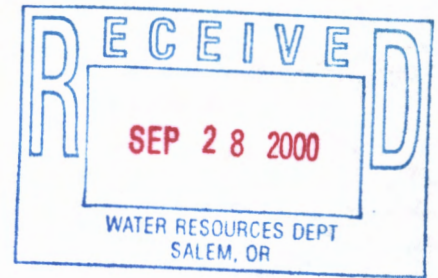
FLOW REDUCTION: (To be filled out only if Preponderance of Evidence box is not checked)

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

13240

Site Report and Claim of Beneficial Use
Application #: G-13240 Permit #: G-12259



Gerald Roth
4196 81st Ave NE
Salem, Oregon 97305
Tele#: 1-503-362-0310

Source:

Water under this permit is being used for irrigation of 25.6 acres. Water is obtained from a well in the Little Pudding River Basin within the Willamette Basin, and is described in more detail as follows:

- ▶ **Well:** (8" dia. X 237' deep) is located 52'S & 1305'E from the NE corner of DLC 76. Well pump is a 30-HP submersible turbine pump (350GPM). Well discharge is equipped with a pressure gage. An access port is available at the well head to measure static and pumping water levels.
- ▶ **Water Meter:** A 5" Micrometer tube-type water meter is present in the discharge piping. The meter has an indicator reading in gallons per minute and totalizer in gallons. Meter reading at the time of site visit was 164592 x 100 gallons.

Pipe:

Irrigation water is transported through approximately 2000' of 5" above ground main line. Owner stated that irrigation water is applied through 3" hand lines using sprinkler heads with 5/32" nozzles while operating at 60 PSI. An average of 40-45 heads are used per setting. Based on this information, water usage is computed to be as follows:

$$40 \text{ heads @ } 5.6 \text{ GPM/nozzle} = 224 \text{ GPM/ } 0.50 \text{ CFS}$$

Water is being used to full permitted duty of 0.31 CFS

Lift:

Topography of the area being irrigated is nearly flat, ranging in elevation from approximately 200.0 USGS to 195.0 USGS, with the well located at approximately 202.0 USGS. Static water level in well is 32'; pumping water level is approximately 120' (water level data obtained from water well report).

Time Limits:

Actual construction of the well shall begin on or before February 15, 1997 and be completed on or before October 1, 1998. Complete application of water to the permitted use shall be made on or before October 1, 1999. **Time Limits Met.**

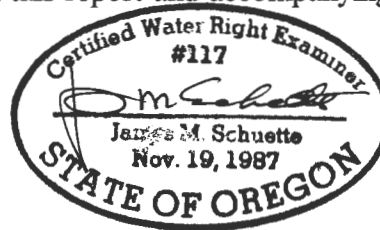
Uses:

Water is being used to irrigate beans and grass seed.

Pump Test:

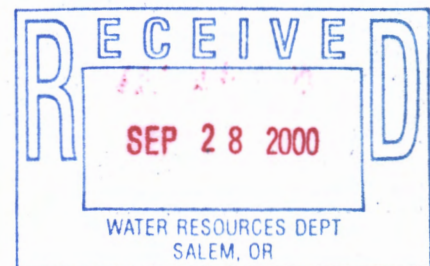
The owner intends to complete the required well pump test within the next several months. A copy will be submitted to Water Resources Department upon completion.

The final proof survey and inspection of use was found to be completed under the terms and conditions of Permit G-12259. This final proof survey and inspection was completed by me on September 3, 2000, and the facts contained in this report and accompanying final proof map are correct to the best of my knowledge.



I, Gerald Roth, agree to the findings of the Certified Water Rights Examiner and do submit this site report and map as my Claim of Beneficial Use of the water as provided under the terms and conditions of Permit G-12259.

Jeffrey Roth
President, G&C Farms
(for Gerald Roth)



NOTICE OF COMPLETION OF CONSTRUCTION

I, Jeff Roth for G & C Farms, the holder of Permit No. G-12259to appropriate the public waters of the state of Oregon, completed the construction of the works described therein on the 14 day of OCTOBER, 1998.

Remarks:

If the works have less capacity than described in the permit, or you have definitely abandoned part of the proposed develop-

Actual construction was completed sometime previously.

ment, you should so state in order that our records may not be unnecessarily encumbered.

WITNESS WHEREOF, I have hereunto set my hand this 6th day of October, 1998Jeffrey S. Roth
(Signature of Applicant)4196 81st AVE NE Salem OR 97305
(Address)

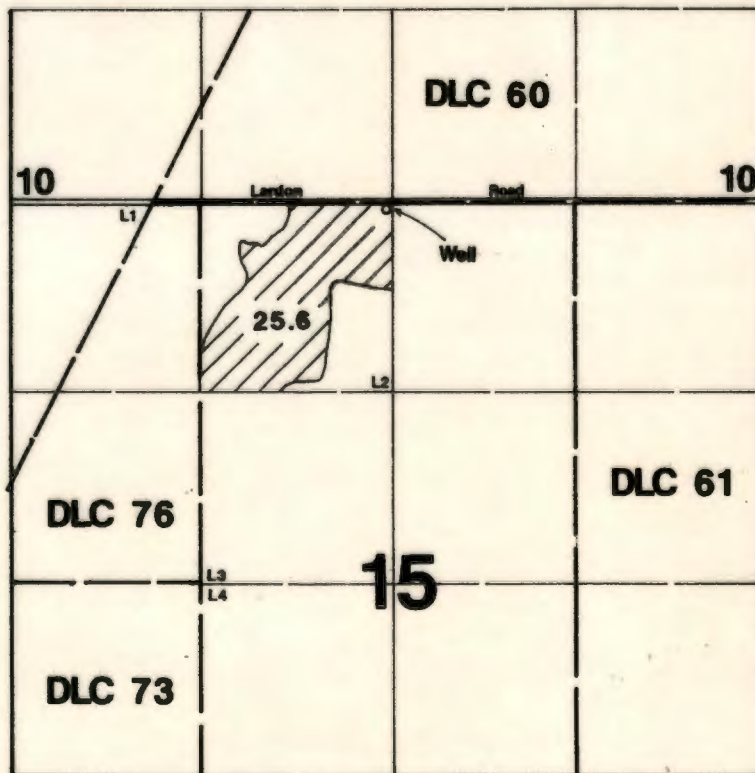
Fill out, detach and mail to the Water Resources Department, Salem, OR 97310, when construction work is completed.

RECEIVED

OCT 12 1998

WATER RESOURCES DEPT.
SALEM, OREGON

T.7S., R.2W., W.M



Well is located 52'S & 1305'E from the NE corner of DLC 76.

Final Proof Survey

In Name Of

Gerald Roth

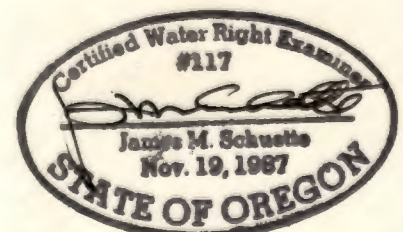
Application #: G-13240

Permit #: G-12259



Surveyed on September 3, 2000 by JM Schuette

This Map Was Prepared For The Purpose Of Identifying The Location Of A Water Right Only And Is Not Intended To Provide Legal Dimensions Or Location Of Property Ownership Lines.



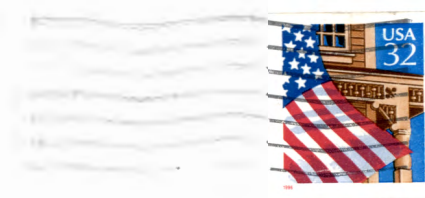
~~B-7~~ The meter installation is subject to inspection and approval by the Director of the Water Resources Department.

B-8 In the case of artesian wells which flow at various times, the meter shall be installed in a manner which will measure both pumped and flowing discharges.

WATER METER MAINTENANCE

C-1 Meters shall be kept clear of vegetative growth, debris or other foreign matter which could impede meter operation. All meters shall be lubricated as specified by the manufacturer.

Jeff Work
G & C Farms
4196 81st AVE NE
SALEM, OR 97305



Water Resources Dept - 158 12th ST. NE
Salem, OR 97310

37310/0703



Certified Water Right Examiner
#117
James M. Schreette
Nov. 19, 1987
STATE OF OREGON

STATE OF OREGON

COUNTY OF MARION TO YTHUOC

CERTIFICATE OF WATER RIGHT

This Is to Certify, That PATRICK F. and JOSEPHA MANNING

of Rt. 6, Box 134, Salem, State of Oregon, has made proof
to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of
an unnamed stream
a tributary of Little Pudding River for the purpose of

irrigation
under Permit No. 15047 of the State Engineer, and that said right to the use of said waters
has been perfected in accordance with the laws of Oregon; that the priority of the right hereby
confirmed dates from August 8, 1941.

that the amount of water to which such right is entitled and hereby confirmed, for the purposes
aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed
0.26 cubic foot per second.

or its equivalent in case of rotation, measured at the point of diversion from the stream.
The point of diversion is located in the Lot 2 (NE $\frac{1}{4}$ NW $\frac{1}{4}$), Section 15, Township 7 South,
Range 2 West, W. M.

The amount of water used for irrigation, together with the amount secured under any other
right existing for the same lands, shall be limited to one-eightieth of one cubic foot per second
per acre, or its equivalent for each acre irrigated and shall be further limited
to a diversion of not to exceed 2 $\frac{1}{2}$ acre feet per acre for each acre irrigated
during the irrigation season of each year.

and shall
conform to such reasonable rotation system as may be ordered by the proper state officer.
A description of the place of use under the right hereby confirmed, and to which such right is
appurtenant, is as follows:

20.4 acres in Lot 2 (NE $\frac{1}{4}$ NW $\frac{1}{4}$)
of Section 15
Township 7 South, Range 2 West, W. M.

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of
use herein described.

WITNESS the signature of the State Engineer, affixed

this 9th day of April, 1956.

LEWIS A. STANLEY

State Engineer

Recorded in State Record of Water Right Certificates, Volume 15, page 21145.

T. 7 S., R. 2 W., W.M.



Name	Appl. No.	Permit NO.
LeRoy and Josephine Austin	26201	20435
Patrick F. and Josepha Manning	19454	15047
Henry J. Beutler	25639	20110
Henry J. Beutler	28020	22049
E. C. Gazzell	18120	13772

Surveyed May 1954 by H. L. Coffman

DFN-2D-67

PUDDING RIVER MAINSTEM WATER AVAILABILITY TABLES

The following tabulation delineates the 80% exceedence flow of **surface water** available from the **Willamette River** for appropriation for the months of each year in CFS at **gage #14211720, located near Portland, NW 1/4 NE 1/4 Section 3, T 1 S, R 1 E, W.M.**

<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	
33392	28705	28362	22341	16886	10719	7570	7412	10185	13918	22842	31099	GAGED
1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	ISWR*
31892	27205	26862	20841	15386	9219	6070	5912	8685	12418	21342	29599	AVL**

*Minimum Stream Flow, Application #181, Priority Date 04/20/71

**Water Available

The source of flow data is:

Water Availability for Oregon's Rivers and Streams: Volume 2; Technical Guide and Appendixes. By E. George Robison, May 1991.

Instream water right Certificate # **62322** (from application 69796) Priority Date 12/22/88; protects flows in the Molalla River from the confluence of Milk Creek (near river mile 8) to the mouth. **This instream water right has no exceptions.**

The following tabulation delineates the flow of **surface water** available from the **Molalla River** for appropriation for the months of each year in CFS at gage #14202 on the Pudding River, located near Aurora, SW 1/4 Section 12, T 4 S, R 1 W, W.M., and gage 142000 on the Molalla River, located near Canby, Section 8, T 4 S, R 1 E, W.M., the gaged flows for each month are added together.

<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	
4966	4690	3285	2708	1839	825	291	150	208	581	2656	4744	GAGED 50%
2479	2719	2118	1829	1184	523	196	110	138	272	1185	2267	GAGED 80%
500	500	500	500	500	500	200	100	150	450	500	500	IWR*
4466	4190	2785	2208	1339	325	91	50	58	131	2156	4244	AVL 50%**
1979	2219	1618	1329	684	23	0	10	0	0	685	1767	AVL 80%**

**Water Available

The source of flow data is:

Water Availability for Oregon's Rivers and Streams: Volume 2; Technical Guide and Appendixes. By E. George Robison, May 1991.

The following tabulation delineates the flow of **surface water** available from the **Pudding River** for appropriation for the months of each year in CFS at **gage #14202, located near Aurora, SW 1/4 Section 12, T 4 S, R 1 W, W.M.**

Instream water right cert. # **64740**, application #69998 has a priority date of 7/13/89. It protects flows in the Pudding River from the highway 99 bridge (RM 8.1) at Aruora to the mouth of the Pudding River. This instream water right exempts nothing.

Pudding River at Aurora and at gage #14202000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Gaged 80% Ex. Flow	1672	1767	1288	957	566	262	94	50	67	136	678	1406
Gaged 50% Ex. Flow	2920	2821	1912	1396	855	366	130	66	92	270	1361	2681
Instream Wat. Right	80	80	80	80	80	60	50/40	40	40	60	80	80
80% Ex. Flow W.A.	1592	1667	1208	877	466	202	44	10	22	76	598	1326
50% Ex. Flow W.A.	2840	2741	1832	1316	775	306	80	26	52	210	1261	2601

The source of flow data is:

Water Availability for Oregon's Rivers and Streams: Volume 2; Technical Guide and Appendixes. By E. George Robison, May 1991.

Instream water right cert. # **59467** created by the conversion of minimum perennial stream flow # 151 has a priority date of 6/22/64. It protects flow in the Pudding River and its tributaries above gage 14-2020 near Aurora (about RM 8). This instream water right exempts domestic and livestock uses.

Pudding River at Aurora and at gage #14202000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Gaged 80% Ex. Flow	1672	1767	1288	957	566	262	94	50	67	136	678	1406
Gaged 50% Ex. Flow	2920	2821	1912	1396	855	366	130	66	92	270	1361	2681
Instream Wat. Right	35	35	35	35	35	35	35	35	35	35	35	35
80% Ex. Flow W.A.	1637	1732	1253	922	531	227	59	15	32	101	643	1371
50% Ex. Flow W.A.	2885	2786	1877	1361	820	331	95	31	57	235	1326	2646

The source of flow data is:

Water Availability for Oregon's Rivers and Streams: Volume 2; Technical Guide and Appendixes. By E. George Robison, May 1991.

Instream water right cert. # 59486 created by the conversion of minimum perennial stream flow # 152 has a priority date of 6/22/64. It protects flow in the Pudding River and its tributaries above gage 14-2010 near Mt. Angle (about RM 41.3). This instream water right exempts domestic and livestock uses.

Pudding R. near Mt. Angel, Or. #14201000 (LT)

Located in the SE quarter of sec. 8, town. 6s, and range 1w.

Flows	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
80% Exceed.	919.3	907.6	723.8	565.7	343.5	145.0	43.2	16.8	24.1	67.9	394.6	884.5
50% Exceed.	1618.5	1434.4	1058.9	801.4	515.0	209.2	63.3	26.1	40.0	153.9	836.4	1521.0
IWR	10	10	10	10	10	10	10	10	10	10	10	10
80% Water.avl	909.3	897.6	713.8	555.7	333.5	135.0	33.2	6.8	14.1	57.9	384.6	874.5
50% Water.avl	1608.5	1424.4	1048.9	791.4	505.0	199.2	53.3	16.1	30.0	143.9	826.4	1501.0

The source of flow data is:

Water Availability for Oregon's Rivers and Streams: Volume 2; Technical Guide and Appendixes. By E. George Robison, May 1991.

[Pudd_main.st]

TOWNSHIP 75 RANGE 24 W. M. #1 SECTION 15

NE				NW				SW				SE				APPLICATION NUMBER	PERMIT NUMBER	CERTIFI- CATE NUMBER
NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE			
DLC61			DLC61			-DLC76-		DLC76	DLC73			DLC61			DLC61			
				Lot 2	Lot 1	Lot 3	Lot 4		Lot 5									
TOTAL ACREAGE IN SUBDIVISION AS SHOWN ON GOVERNMENT PLAT																		
40	30	40	40	30	30	30	30	30	35	40	30	40	40	40	40	Findings, Vol. 14 Page 132		
				20 ⁴												Spec. Or. Vol. 1 Page 508		
																19454	15047	21145
																21116	16547	20061
																R-31043	R-1766	28024
																61042	24557	28020
																G-1606	G-1558	
																39503	29398	36229
																G-2860	G-2661	34269
																G-3756	G-3546	42206
																G-1818	G-1662	33552
																156	G-4255	G-3824
																G-4289	G-4037	42214

(SEE BACK OF CARD FOR PLAT OF SECTION)

Conflict

TOWNSHIP 75 RANGE 24 W. M. #2 SECTION 15

NE				NW				SW				SE				APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE			
ACREAGE IN LOT OR LEGAL SUBDIVISION AS SHOWN ON GOVERNMENT PLAT, IF OTHER THAN 40 ACRES																		
																R-44991	R-5311	CANCELLED
																R-44992	R-5311	CANCELLED
																R-45021	R-5316	CANCELLED
																R-45022	R-5316	CANCELLED
																R-47459	R-5719	42246
																47460	35554	42247
																G-5403	G-5340	46697
																G-7766	G-8138	52394
																G-9273	G-8110	64870
																G-12144	R-11673	
																G-13240		
																G-13454		

Conflict

January 19, 1993

GERALD ROTH

4196 81ST AVE NE
SALEM, OR 97305

REFERENCE: File(s) G-13240

We have received your application(s) for a water use permit along with your supporting data, documentation, and fees. A receipt is enclosed here unless you were previously issued one. Your application has been assigned the above referenced file number. Please refer to this number whenever you contact us about your application.

After an application has been accepted for filing, public notification of the application is made, followed by a mandatory 30-day comment period. Thereafter, applications which have been received in proper form with required maps, documentation, and fees can be considered for processing as time allows.

At present the Water Resources Department has a backlog of applications for water use permits; therefore there may be some delay in our application processing time. Applications are processed in the order in which they are received.

When your application comes up for processing the Department will conduct a specialized analysis called a technical review. During the course of the evaluation, additional information may be required to complete the processing of your application. We will let you know if additional information is needed when we begin the technical evaluation of your application.

When the report on the technical review is completed and sent to you, a 60-day objection period begins during which you, the applicant, or anyone who has expressed an interest in your proposed water use may communicate to us their disagreement with what we have said in our report on your application. After the 60-day objection period, the Department must also conduct a public interest review of each application for a water use permit.



REFERENCE: File(s) - G-13240

After any objections have been considered, there may follow time to allow parties to resolve conflicts over the proposed water use. In addition, a 30-day protest period may be required. Lastly, it may be necessary to schedule a hearing or send the application to the Water Resources Commission for their review.

In most cases no objections are received and the application processing can proceed without further conflict resolution, protest, or hearing.

If your application is recommended for approval and a permit is issued, the use allowed by the permit will be subject to the Basin Program Rules of the Water Resources Commission, instream flow requirements, and the demands of prior right holders, and other conditions to conform the water use to particular standards.

Please contact the Water Rights Section of the Water Resources Department if you have any questions. You may write to us at 3850 Portland Road, Northeast, Salem, Oregon 97310 or you may call 378-3739 in Salem or toll free from within the state 1-800-624-3199.

Sincerely,

Laurie Beth English
Water Rights Program Analyst

cc:CWRE

Land Use Information Form: Permits, Hydroelectric Licenses, Water Uses In Addition to Classified Uses

This information is needed to determine compatibility with local comprehensive plans as required by ORS 197.180. The Water Resources Department will use this and other information to evaluate the water use application. DO NOT FILL OUT THIS FORM IF water is to be diverted, conveyed, and/or used only on federal lands.

Applicant's Name: Gerald Roth
 Address: 496 81st Ave NE
 City: SALEM State: OR Zip: 97305 Day Phone: 362-0310

Please provide information as requested below for all tax lots on or through which water will be diverted or used. (Attach extra sheets as necessary.) Applicants for municipal use, or irrigation uses within irrigation districts, may substitute existing and proposed service area boundaries for the tax lot information requested below.

NW 1/4, Section 15, T7S, R2W, W.M.

Tax Lot or Local I.D.#	Plan Designation/Zoning (e.g. Rural Residential/RR-5)	Check All That Apply		
		Water Diverted	Water Conveyed	Water Use
	<u>Primary AG / EFU</u>			

Please list all counties and cities within which water is proposed to be diverted, conveyed, and/or used. Marion County

The following section must be completed by a planning official from **each** county and city listed **unless** your project will be located **entirely within city limits**. In this case, only the city planning agency must complete this form. Please request extra forms as needed.

For Local Government Use Only

Local government planning officials are to complete the remainder of this form. If this form can not be completed while the applicant waits, please sign and detach the receipt as instructed below. Please mail the completed form directly to the Water Resources Department (3850 Portland Rd. NE, Salem, OR, 97310) within 60 days of the date of receipt as shown below. If the form is not completed within 60 days, the Department may take action to approve the water use.

a) Check the appropriate box below and provide requested information.

☒ Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): 136.020. Go to section b) on reverse side.

☐ Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below. **Note: Please attach documentation of applicable local land use approvals which have already been obtained. (Record of Action plus any accompanying findings is sufficient.)**

Type of Land Use Approvals Needed (e.g.: plan amendments, rezones, conditional use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Please check the box that applies:		
		Already Obtained	Already Denied	Being Pursued Satisfactorily

(For Local Use Continued)

b) Please provide printed name and written signature.

Name: NORMAN BICKELL

Title: Assistant Planner

Date: 1-6-93

Phone: 588-5038

Signature: William Buckell

Local governments are invited to express special land use concerns or make recommendations to the Department regarding this proposed use of water below, or on a separate sheet. For additional information call Roberta Jortner or Rick Bastasch at 378-3671.

Additional Comments:

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

Description of Water Use

Note to Applicant: This sheet will provide local planning staff with a basic description of your proposed water use. Please fill out this sheet before bringing the attached land use form to your local planning office. It will help local planning offices complete your land use information form quickly.

Note to Local Planning Officials: Please initial this sheet. Do not separate it from the land use information form. If needed, please make a separate copy for your records.

Applicant Name: GERALD ROTH
 Address: SALEM
 Phone: 362-0310

Please indicate what you will use the water for. Check all boxes that apply and fill in the blanks with key characteristics of the project

- ☒ Irrigation (crop type, golf course, nursery or greenhouse): _____
- ☐ Livestock (type of livestock, feedlot, slaughterhouse): _____
- ☐ Residential (# units, single or multi-family, # lots if partition or subdivision): _____
- ☐ Commercial (i.e., retail, office, restaurant, gas station, hotel, service, etc.): _____
- ☐ Industrial (i.e., factory, pulp mill, research and development, processing, etc.): _____
- ☐ Institutional (i.e., school, library, etc.): _____
- ☐ Mining (aggregate, metal, open pit, placer, etc.): _____
- ☐ Recreation (park, campsite, pond, etc.): _____
- ☐ Fish and Wildlife (pond, hatchery, etc.): _____
- ☐ Hydropower (dam, reservoir, power generating or transmitting facilities): _____
- ☐ Other (Name and list key characteristics): _____

Indicate sources for the proposed water use below:	Indicate the estimated quantity of water the use will require.
☐ Surface Water Name sources: _____ _____ _____	<u>0.32</u> Cubic feet per second. <u>146.0</u> Gallons per minute. <u> </u> Acre-Feet
☐ Reservoir or pond	
☒ Ground Water	

DATE INITIALS MINIMUM REQUIREMENTS TO FILE

_____	_____	Name and mailing address
_____	_____	Source of water
_____	_____	Quantity of water
_____	_____	Location of project
_____	_____	Use of water
_____	_____	Signature of applicant
_____	_____	Allowable use by policy
_____	_____	State Engineer withdrawal
_____	_____	Legislative withdrawal
_____	_____	Land use approved _____ pending _____

FIELD OPERATIONS

_____	_____	Application date stamped per money receipt date
_____	_____	Stream Indexed
_____	_____	Stream Code _____
_____	_____	Scenic Waterway _____
_____	_____	Findings:
_____	_____	1) Concluded - Scenic-Reg Ack letter
_____	_____	2) Under Study - Scenic-Ack letter
_____	_____	3) Basin 2 - Willamette-Ack letter
_____	_____	Plat Carded and copy made YES NO
_____	_____	Conflicts (well _____ surface _____) _____
_____	_____	Prior ISWR # _____
_____	_____	Within Irrigation District _____ (name)
_____	_____	Notified _____
_____	_____	District excerpt received _____
_____	_____	Entered in Paradox
_____	_____	Prepare six copies of Draft Permit
_____	_____	Send one copy to Data Center

SUPPORT SERVICES

<u>1/20</u>	<u>cm</u>	Stamp contents with application number
<u>S</u>	<u>S</u>	Mail/Provide copies of draft permits to DEQ, ODFW, PARKS, AND WATERMASTER
_____	_____	Mail ack letter (provided by Data Center) with receipt to applicant, cc to CWRE and file
_____	_____	Place label on file and card
_____	_____	If dam is over 10 feet or storage exceeds 9.2 AC-FT, route file to Dam Safety Section
_____	_____	Notify Irrigation District

FIELD OPERATIONS

_____	_____	Ownership Statement YES NO
_____	_____	Name and address of all owners _____
_____	_____	Other landowners notified _____
_____	_____	Legal Description _____
_____	_____	Need Commission review _____
_____	_____	Requests greater than 5.0 cfs
_____	_____	Dam height greater than 20 feet
_____	_____	Storage greater than 100 acre-feet
_____	_____	Out of Basin diversion
_____	_____	Groundwater recharge project
_____	_____	Other substantial public interest
_____	_____	GW comments received _____ resolved _____
_____	_____	ODFW comments received _____ resolved _____
_____	_____	DEQ comments received _____ resolved _____
_____	_____	Interest Groups _____
_____	_____	Water availability received
_____	_____	Objections received _____ resolved _____
_____	_____	Protest received _____ resolved _____
_____	_____	Management Codes

EXAMINATION FEE: _____
RECORDING FEE: _____

REMARKS: _____

TOTAL: _____
REFUND: _____
DEFICIENT: _____

STATE OF OREGON
WATER RESOURCES DEPARTMENT
RECEIPT # **96146**
3850 PORTLAND ROAD NE
SALEM, OR 97310
378-8455/378-8130 (FAX)

RECEIVED FROM: Donald Roth
BY: _____

APPLICATION	6-13140
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # 24-2 OTHER: (IDENTIFY) ☐

TOTAL REC'D \$ 200.00

01-00-0 WRD MISC CASH ACCT

842.010	ADJUDICATIONS	\$
831.087	PUBLICATIONS/MAPS	\$
830.650	PARKING FEES Name/month	\$
	OTHER: (IDENTIFY)	\$

REDUCTION OF EXPENSE

CASH ACCT.

COST CENTER AND OBJECT CLASS

VOUCHER #

03-00-0 WRD OPERATING ACCT

MISCELLANEOUS:

840.001	COPY FEES	\$
850.200	RESEARCH FEES	\$
880.109	MISC REVENUE: (IDENTIFY)	\$
520.000	OTHER (P-6): (IDENTIFY)	\$

WATER RIGHTS:

842.001	SURFACE WATER	\$
842.003	GROUND WATER	\$ <u>200.00</u>
842.005	TRANSFER	\$

WELL CONSTRUCTION

842.022	WELL DRILL CONSTRUCTOR	\$
842.016	WELL DRILL OPERATOR	\$
	LANDOWNER'S PERMIT	\$

EXAM FEE

\$	842.002	\$
\$	842.004	\$ -0-
\$	842.006	\$

RECORD FEE

EXAM FEE

\$	842.023	\$
\$	842.019	\$
	842.024	\$

06-00-0 WELL CONST START FEE

842.013	WELL CONST START FEE	\$	CARD #	
	MONITORING WELLS	\$	CARD #	

45-00-0 LOTTERY PROCEEDS

864.000	LOTTERY PROCEEDS	\$
---------	------------------	----

07-00-0 HYDRO ACTIVITY

LIC NUMBER

842.011	POWER LICENSE FEE(FW/WRD)	\$
842.115	HYDRO LICENSE FEE(FW/WRD)	\$

HYDRO APPLICATION

RECEIPT # **96146**

DATED: 4/8/93

BY: A. R. [Signature]

Distribution—White Copy-Customer, Yellow Copy-Fiscal, Blue Copy-File, Buff Copy-Fiscal

STATE OF OREGON
WATER RESOURCES DEPARTMENT
WATER RIGHTS DIVISION

Before the Director of the Water Resources Department

In the matter of	)	FINAL
Groundwater Application	)	ORDER
G-13240 submitted by	)	
GERALD ROTH		

FINDINGS OF FACT

Water Use Request

1. Gerald Roth requested use of 0.32 Cubic foot per second of water from a well in Little Pudding River basin, within the Willamette basin for Irrigation of 26.0 acres.
2. The area of proposed use is in Marion County within Section 15, Township 7 South, Range 2 West, W.M.
3. The water delivery system is described by the applicant as a well will divert water into a 5 inch mainline system that will deliver water to handlines for irrigation of the proposed lands.
4. The request was made in Application G-13240 which was received by the Water Resources Department on January 8, 1993.

Affected Waters

1. This proposed use of groundwater is not within or above a State Scenic Waterway.
2. There are other water rights on Little Pudding River and on downstream waters.
3. There are no senior water rights from this point of appropriation.

Department Actions

1. The application was determined to be complete and not defective.
2. The Department determined, based upon OAR 690-09, that the proposed groundwater use will, have the potential for substantial interference with the nearest surface water source, namely Little Pudding River.
3. A technical review of the application was completed and a report of the results of that review was mailed to the applicant on November 29, 1993.

4. The technical review determined:
 - a. Irrigation of 26.0 acres is allowed under the Willamette Basin Program.
 - b. The use is not prohibited by Statute.
 - c. Water for the proposed use is available in the amounts requested for the period March 1 through April 30.
 - d. The use would not injure existing water rights.
5. The report of technical review listed these determinations and disclosed a number of conditions and restrictions that would likely be included in the permit if issued. These conditions and restrictions are listed in PERMIT G-12259.
6. A Proposed Final Order for this application was completed and a copy of that review was mailed to the applicant on October 31, 1995.

Assessment

1. In proceeding with evaluation of Application G-13240, the following criteria were found to be relevant by the Department.
 - a. The Willamette Basin Program (OAR Chapter 690, Division 502)
 - b. The Marion County Comprehensive Plan and Zoning Ordinance
 - c. Groundwater availability as determined by the Groundwater/Hydrology staff (OAR Chapter 690, Division 9)
 - d. The established rate and duty for the proposed use
 - e. Pending, senior applications and existing water rights of record
 - f. Comments received

CONCLUSIONS OF LAW

1. Based upon continued evaluation, the Department finds the determinations of the Proposed Final Order remain valid.
2. The period of allowed use is: March 1 through October 31 of each year
3. The Department finds that 0.32 cfs would be necessary for the proposed use. The amount of water requested, 0.32 cubic foot per second, is allowed for the proposed use.
4. Marion County Planning Department staff completed the Department's Land Use Information Form and indicated thereon that the land use associated with the proposed use is compatible with the Marion County Comprehensive Land Use Plan.
5. The proposed use would not conflict with existing water rights, and, if exercised in accordance with law, rule, and

- the proposed conditions would not result in injury to existing water users.
6. The proposed use complies with all other rules of the Commission.
 7. Pursuant to Chapter 416, Oregon laws, 1995, enacted by the 68th Oregon Legislative Assembly, and given the findings listed above, a rebuttable presumption has been established that the use will not impair or be detrimental to the public interest if exercised in the manner described in PERMIT G-12259.
 8. No protests were timely filed in response to the Proposed Final Order of October 31, 1995, and no significant issues or disputes are known to the Department at this time.
 9. Therefore, the proposed use, as conditioned, and described in PERMIT G-12259, would not impair or be detrimental to the public interest.

ORDER

IT IS HEREBY ORDERED that Application G-13240 in the name of Gerald Roth be approved for Irrigation of 26.0 acres as provided in PERMIT G-12259.

DATED February 15, 1996

for 
Martha O. Pagel
Director
Water Resources Department

NOTICE:

This Final Order is issued by the Department pursuant to Chapter 416, Oregon laws, 1995, enacted by the 68th Oregon Legislative Assembly.

If this Final Order has modified the Department's prior findings or conditions, the applicant may request a contested case hearing within 14 days from the date of this order.

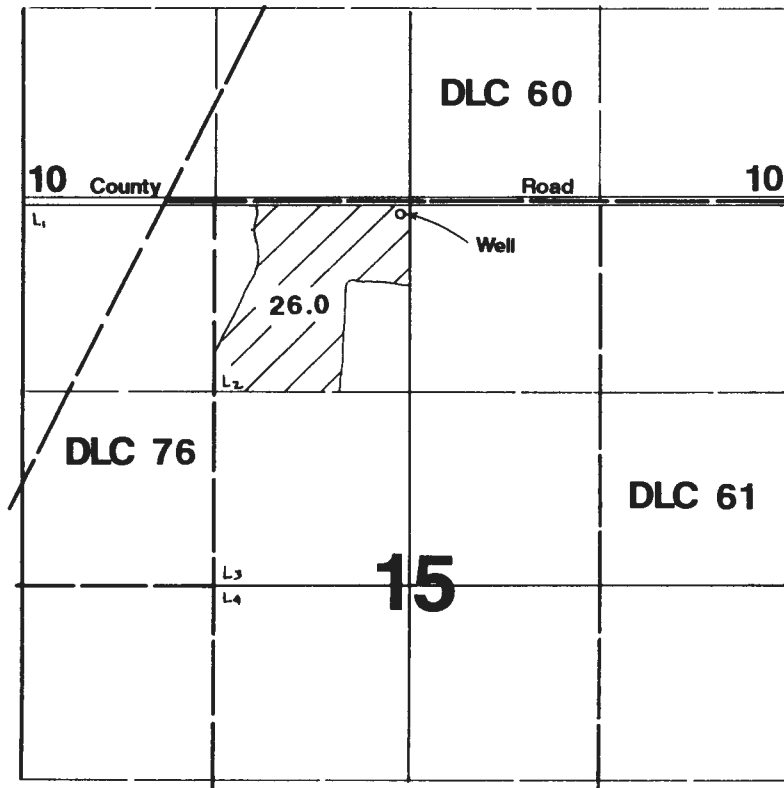
Issues on which a contested case hearing may be requested and conducted are limited to issues based on modifications to the Proposed Final Order.

Requests for a contested case hearing must be made in proper form, submitting the information required under Section 11(6), Chapter 416, Oregon Laws, 1995.

Requests for a contested case hearing must be received by the Water Resources Department in Salem, Oregon by 5:00 on February 29, 1996.

Only the applicant and any persons who timely filed a protest may appeal the provisions of this final order.

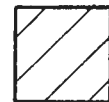
T.7S., R.2W., W.M.



Well located 70'S & 1250'E from NE corner DLC 76.

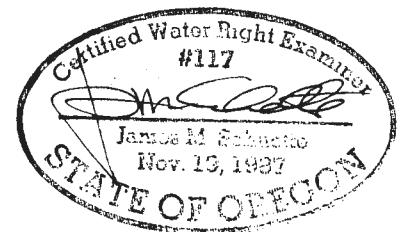
1" = 1320'

Area Irrigated



Application Map

Gerald Roth



G12259

Application #: *E-13240* Permit #:

THIS MAP WAS PREPARED FOR THE PURPOSE OF IDENTIFYING THE LOCATION OF A WATER RIGHT ONLY AND IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS OR LOCATION OF PROPERTY OWNERSHIP LINES.

COPY CHECK-OFF SHEET FOR PROPOSED FINAL ORDERS

CC: FILE # G-13240

WATERMASTER # 16

REGIONAL MANAGER: NW

ODF&W - Marion County:

CWRE (if agent): JAMES M SCHUETTE #117

DEQ

OTHER STATE AGENCY IF NECESSARY:

DIVISION 33 LIST: COLUMBIA RIVER INTERTRIBAL FISH COMMISSION; U.S. FISH & WILDLIFE;
(CHECK ONLY IF APPLICABLE) NORTHWEST POWER PLANNING COUNCIL & NATIONAL MARINE FISHERIES

POWER BUILDER UPDATER; FRONT COUNTER

OTHER ADDRESSES OF PEOPLE WHO PAID THE \$10 FEE:

PEOPLE WITH OBJECTIONS, COMMENTS OR REQUESTED COPY W/O \$10 (SEND THE \$10 LETTER):

LANDOWNER PATRICK MANNING
6840 LARDON RD.
SALEM, OREGON 97310

CASEWORKER : JKS

FO CHECKLIST

PFO TO FO CONVERSION

FILE # 6-13290

REVIEW DATE: 1/19/96

INITIALS: 28

In preparing the FO, you should follow these steps:

1. ☒ Review file to determine if comments or protests were received in response to the PFO
2. ☒ Verify payment of appropriate recording fees
 - (1) Prepare refund request for excess fees
 - (2) Issue FO w/o permit if fees are lacking
3. ☒ Verify that the applicant has signed an oath of accuracy for the file

4. ☒ Y ☒ N Is further processing possible? If not state reason: 1033 Review DONE
DUB

ACTION SUSPENSE DATE: _____

5. ☒ Assign permit numbers to files with oath, fees, and no protests or other unresolved issues

Modify FO as needed to:

6. ☒ Respond to significant comments, issues, or disputes related to the proposed use of water
7. ☒ Include or exclude permit conditions and management codes
8. ☒ Notify applicant of additional information or fees required prior to permit issuance

Correct errors in PFO such as;

9. ☒ POD or POU location (verify from map)
10. ☒ Permit style
11. ☒ Print final draft of document and submit to team leader for review

DUB

Application No. G 13240
~~78159~~

RECEIVED
OVER THE COUNTER

State of Oregon
WATER RESOURCES DEPARTMENT

Application for a Permit to Appropriate Ground Water

Applicant(s) GERALD ROTH
(Please print or type - use dark ink)

Mailing Address: 4196 81ST AVE NE
SALEM OREGON 97305 362-0310
City State Zip Daytime Phone No.

I (We) make application for a permit to appropriate the following described ground waters of the State of Oregon:

1. **THE DEVELOPMENT** (number of wells, tile lines, infiltration galleries, etc.):
ONE WELL

If development is less than one mile from a natural stream, give the following:

Distance from development to stream: JAN 08 1993

Elevation difference between streambed and development: WATER RESOURCES DEPT.

NOTE: Wells must be constructed according to standards set by the department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well driller's log with this application, and skip to Section 2 below.

Diameter of well: 8" Depth in feet: ± 200'

Type and size of well casing: 8" STEEL No. of feet: ± 200'

Estimated depth to water: _____

Type of access port or measuring device: Threaded Plug in Well Seal

Wells to be drilled by: _____

Address: _____

If the water well is flowing artesian, describe your water control and conservation works:

RECEIVED

JAN 08 1993

WATER RESOURCES DEPT.
SALEM, OREGON

2. **TOTAL AMOUNT OF WATER** to be applied to beneficial use: 0.32 cubic feet per second, OR 146.0 gallons per minute. If water is to be used from more than one ground water source, give the quantity of water from each: _____

3. **INTENDED USE(s) OF WATER:** IRRIGATION

If for more than one use, give the quantity of water from each source for each use; _____

If for **DOMESTIC** use, state the number of households to be supplied; _____

If for **MUNICIPAL OR QUASI-MUNICIPAL** use, state the present population to be served, and an estimate of the future requirements; (List population projections, water needs, anticipated areas to be provided water.)

If for **MINING** use, state the nature (gold, silver, etc.) of the mines to be served; _____

If for **IRRIGATION**, or other land area use, state the **TOTAL** number of acres to be developed under each use;

Irrigation 26.0 ACRES

Other (describe) _____

4. **DESCRIPTION OF WATER DELIVERY SYSTEM:** Include dimensions and type of construction of diversion works, length and dimensions of supply ditches or pipelines, size and type of pump and motor. If for irrigation, describe the type of system (i.e., flood, wheel line, hand line, drip, other).

WELL NOT DRILLED YET

5" MAWLINE W/3" HANDLINES USED FOR IRRIGATION

5. **PROJECT SCHEDULE:** (List month and year)

Proposed date construction work will begin MARCH, 1993

Proposed date construction work will be completed JULY, 1993

Proposed date water use will be completed OCT 1, 1994

NOTE: A map prepared by a Certified Water Right Examiner (CWRE) and a complete legal description of the subject property are required under ORS 537.140 and OAR 690 as a part of your application. The legal description may be copied from your deed, title insurance policy, or land sales contract.

RECEIVED
OVER THE COUNTER

6. a) In the event any deficiencies are noted involving the application map enclosed herein, please return the map with instructions for correction to (check one):

 Applicant X CWRE Other (Identify in REMARKS section)

b) In the event any deficiencies are noted involving the application, please return the application with instructions for correction to (check one):

 X Applicant CWRE Other (Identify in REMARKS section)

7. Are all lands involved (including the proposed diversion site, place of use, and access for conveying the water) under your ownership? No . If not, list in the REMARKS section below, or on an attached sheet, the names and mailing addresses of the legal owners of all property involved in the proposed development.

NOTE: Prior to receiving a certificate of water right, the permit holder must submit to the Water Resources Department the results of a pump test meeting the department's standards. The Director will require water level or pump test results every ten years thereafter.

REMARKS: LANDS owned by: PATRICK MANNING

6840 LAEDON Rd - Salem 362-1359

EXISTING Permit #15047 - which covers 20.4 Acres of
this Application - is to be maintained, but to now
be A Supplemental irrigation source to the new
well which will be primary.

I/We certify that the information I have provided in this application is an accurate representation of the proposed water use and is true and correct to the best of my knowledge.

RECEIVED

JAN 08 1993

WATER RESOURCES DEPT.
SALEM, OREGON

NOTE: The permit, when issued, is for the beneficial use of water without waste. By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan. It is possible the land use you propose may not be allowed if it is not in keeping with the goals and acknowledged plan. Your city or county planning agency can advise you about the land-use plan in your area.

Dwight E. Rott
Signature of Applicant

1-7-93
Date

Signature of Co-Applicant, if any

Date

FOR WATER RESOURCES DEPARTMENT USE ONLY

Dear Applicant:

I certify that I have examined the foregoing application, together with the accompanying information, and am returning it to you for:

In order to retain its tentative priority, this application must be returned with the requested corrections or additions on or before:

_____, 19____.

WITNESS my hand this _____ day of _____, 19____.

Water Resources Director

By: _____

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the 8 day of January, 19 93, at 2:30 o'clock, P M.

APPLICATION NO: _____

DEM
73159 *1-8-93*

G 73159

MEMO

Jan 26, 1996

TO

Application G- 13240

FROM

GW :

(Reviewer's Name)

SUBJECT Scenic Waterway Interference Evaluation

☐ Yes

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

~~No~~

☐ Yes

Use the Scenic Waterway condition (Condition 7J).

☒ No

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.

[illegible]

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE ## G-13240

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: 07S/02W-15

~~APPLICATION ACCEPTED?~~ ☐ yes ☐ no

CONDITIONS ATTACHED? ☐ yes ☒ no

REMARKS OR FURTHER INSTRUCTIONS:

Hydraulic connection
likely, as proposed.

Reviewer: Kochler

TO: "

Water Rights Section

09/24, 1993

FROM: Groundwater/Hydrology Section

Kochler

Reviewer's Name

SUBJECT: Application G- 13240

1. **PER THE** Willamette Basin rules, one or more of the proposed POA's is/is not within 1/4 feet/mile of a surface water source (Little Pudding River) 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 surface water
 - b. ☐ will not } source, namely Little Pudding River; or
 - c. ☐ will, if properly conditioned, adequately protect the surface water from interference:
 - 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 water from substantial interference.
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 and/or
 - b. ☐ will not } within the capacity of the resource; or
 - c. ☐ can, 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.
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: At a proposed depth of approx. 200', this well will likely be hydraulically connected to the nearest reach of the Little Pudding River. It may be possible to avoid this situation by casing + sealing into the underlying basalt aquifer.

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 groundwater reservoir;
 - c. ☐ permits the loss of artesian head;
 - d. ☐ permits the de-watering of one or more groundwater 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 original construction or most recent modification. |
| b. ☐ was not | |
| 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.
_____, 1992.
(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: _____

_____, 1992.
(Signature)

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

(START CARD) # 65246

(1) OWNER:

Name Pat Manning Well Number _____
Address 6840 Lardon Road
City Salem State OR Zip 97305

(2) TYPE OF WORK:

☒ New Well ☐ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD:

☒ Rotary Air ☐ Rotary Mud ☐ Cable
☐ Other _____

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☒ Yes ☐ No Depth of Completed Well 237 ft.
Explosives used ☐ Yes ☐ No Type _____ Amount _____

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
12	0	85	Bent. Chips	0	85	140
8	85	237	-----			

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☒ Other Pour into annulus & pull surface casing

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from 193 ft. to 237 ft. Size of gravel 8-12 CS Sand

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	8"	+1	197		☐	☐	☐	☐
Riser	5"	189	197		☒	☐	☒	☐
Liner:	5"	222	229		☒	☐	☒	☐
	5"	234	237		☒	☐	☒	☐

Final location of shoe(s) 197

(7) PERFORATIONS/SCREENS:

☐ Perforations Method _____
☒ Screens Type Johnson Material Stainless

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
197	222	.30		6"	Tele	☐	☒
229	234	.30		6"	Tele	☐	☒

(8) WELL TESTS: Minimum testing time is 1 hour

☐ Pump ☐ Bailer ☒ Air ☐ Flowing
☐ Artesian

Yield gal/min	Drawdown	Drill stem at	Time
300	N/A	180	1 hr.

Temperature of Water 56° Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes By whom _____

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County Marion Latitude _____ Longitude _____
Township 7S N or S. Range 2W E or W. WM.
Section 15 NE ¼ NW ¼
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 6840 Lardon Road

(10) STATIC WATER LEVEL:

32' ft. below land surface. Date 6-21-94
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 88

From	To	Estimated Flow Rate	SWL
52	105	200 gpm	28
112	115	100 gpm	28
148	155	100 gpm	28
200	220	300 gpm	32

(12) WELL LOG:

Ground elevation _____

Material	From	To	SWL
Top Soil	0	1	
Clay Brown Med	1	38	
Clay Blue Sticky	38	53	
Gravel Cemented	53	88	
Sand & Gravel W.B.	88	105	
Gravel Cemented	105	112	
Sand & Gravel	112	115	
Gravel Large with cementation	115	148	
Sand & Gravel Large Brown	148	155	
Gravel Cemented	155	173	
Clay Grey	173	200	
Sand Brown Med Coarse	200	220	
Packed Sand	220	224	
Clay Grey	224	230	
Sand Med Fine	230	234	
Clay Blue	234	237	

Well construction was
approved by Mike Zwart
for permit

Date started 5-31-94 Completed 6-21-94

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed [Signature] WWC Number 1358
Date 6-21-94

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

Signed [Signature] WWC Number 1358
Date 6-21-94