R13170-27
Jeff Alzner
App G-14305

Application # G-14305 **Permit # G-13527** **Transfer #**

Jeff Alzner **RA#** **R13170-27**

Reimbursement Authority Process
Itemized Estimate Sheet
for
Certificates

	New Est. Time (hr)	Multiplier	Total Est Hours	Individual	New Hourly Rate	New Est. Cost	Date/Act. Time
1. Review COBU - 4 wells in Marion County	1.75	32%	2.32	Kerry	$84.90	$ 196.84	
2. Conflict Check - NU on 15.4 acres	1.00	32%	1.32	Kerry	$84.90	$ 112.48	
3. Prep of def. letter - contigency time	0.50	32%	0.66	Kerry	$84.90	$ 56.24	
4. Enter pump test data -	0.00	32%	0.00	Kerry	$84.90	$ -	
5. Prep of 1 cert	3.25	32%	4.31	Kerry	$84.90	$ 365.56	
6a. Peer review - consultation	0.75	32%	0.99	Gerry	$81.02	$ 80.51	
6b. Peer review	0.30	32%	0.30	Katie	$102.80	$ 30.84	
6c. Peer review	0.50	32%	0.66	Gerry	$81.02	$ 53.67	
7. Project Management	4.75	32%	6.29	Kerry	$84.90	$ 534.29	
8a. Water right data record update	0.75	32%	0.99	Support-Tonya	$40.44	$ 40.18	
8b. Water right data record update - 1 cert	1.50	32%	1.99	Data Tech	$69.06	$ 137.24	
9. Pump Test - pump test rec'd 7-25-2025	0.50	32%	0.50	Yeh	$56.34	$ 28.17	
10. Pump Test - pump test rec'd 7-25-2025	1.75	32%	1.75	Travis Brown	$89.48	$ 156.59	
Total	**17.30**		**22.09**		Sub Total	**$1,793**	
					10% Overhead	$179.26	
					TOTAL	**$1,972**	

Permit G-13527 issued 11-19-1997. A Date = 11-19-1997. C Date = 10-1-2001.

OREGON WATER RESOURCES DEPARTMENT

OREGON WATER RESOURCES DEPARTMENT

CERTIFICATE REIMBURSEMENT AUTHORITY APPLICANT'S AGREEMENT

Contract Number: **R13170-27**

This Agreement is between the **Oregon Water Resources Department**, hereafter OWRD, and **Jeff Alzner,** hereafter Applicant, hereafter known together as the parties.

OWRD Information	**Applicant's Information**	**Applicant's Representative**
Project Contact: Kerry Kavanagh	Name: Jeff Alzner	Name: Bob Long
Reimbursement Authority		Title: Representative
Oregon Water Resources Department		Company: CwM-H2O LLC
725 Summer Street NE	Address: PO Box 80283	Address: 311 B Avenue, Suite P
Salem OR 97301-1271	Portland OR 97280	Lake Oswego OR 97034
Phone: 503-979-3208	Phone: 503-407-3722	Phone: 503-954-1326
Email: Kerry.L.Kavanagh@water.oregon.gov	Email*: jalzner@comcast.net	Email*: bob.long@cwmh2o.com

*By providing an Email address, consent is given to receive all correspondence electronically. (Paper copies of the certificate and final order documents will also be mailed.)

1. **Purpose.** The purpose of this Agreement is to expedite the processing of the **Claim of Beneficial Use. (Application Number: G-14305)**

2. **Authority.** ORS 536.055 authorizes the OWRD to enter into a voluntary agreement with any applicant, permittee or regulated entity (collectively Applicant) for expediting or enhancing a regulatory process. In making this agreement, OWRD shall require the applicant to pay the full cost of expedited process.

3. **Restrictions.** Jeff Alzner and OWRD agree that this Agreement shall not be construed to restrict in any way the decisions and actions by OWRD. OWRD shall be free to exercise independent judgment consistent with existing laws and regulations.

4. **Effective Date and Duration.** Unless otherwise terminated by non-deposit of funds by the Applicant, this Agreement shall become effective on the date on which both parties have signed the Agreement and the full deposit of the estimated cost of the proposed service has been received by OWRD.

5. **Consideration.** Jeff Alzner shall pay OWRD in advance for actual costs incurred by OWRD. Jeff Alzner agrees to pay the full amount of **$1972** to OWRD prior to commencement of any work stated in this Agreement. This payment will be placed in an account administered by OWRD and drawn upon as costs are actually incurred. If the actual cost of performing the work is less than payments received, OWRD will refund the unspent balance. If the actual cost of processing exceeds the estimate, the Applicant can either elect to terminate this Agreement or amend the Agreement to reflect the increase in cost. The costs stated in this Agreement do not include the statutory application processing and filing fees.

6. **Confidentiality.** Jeff Alzner agrees that any information provided to or acq
Agreement will be subject to the Oregon Public Records Law and shall be c

7. **Indemnity.** Applicant shall defend, save, hold harmless, and indemnify the
and their officers, employees, and agents from and against all claims, suits,
liabilities, costs and expenses of any nature resulting from or arising out of,
of Applicant or its representatives, officers, employees, contractors, or agen
with respect to the expedited service. The Applicant acknowledges that the
Department cannot and does not guarantee a favorable review under the sub

Received
AUG 08 2025
OWRD

PCA 47123

OREGON WATER RESOURCES DEPARTMENT

OREGON WATER RESOURCES DEPARTMENT

CERTIFICATE REIMBURSEMENT AUTHORITY APPLICANT'S AGREEMENT

Contract Number: **R13170-27**

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Project Contact: Kerry Kavanagh	Name: Jeff Alzner	Name: Bob Long
Reimbursement Authority		Title: Representative
Oregon Water Resources Department		Company: CwM-H2O LLC
725 Summer Street NE	Address: PO Box 80283	Address: 311 B Avenue, Suite P
Salem OR 97301-1271	Portland OR 97280	Lake Oswego OR 97034
Phone: 503-979-3208	Phone: 503-407-3722	Phone: 503-954-1326
Email: Kerry.L.Kavanagh@water.oregon.gov	Email*: jalzner@comcast.net	Email*: bob.long@cwmh2o.com

*By providing an Email address, consent is given to receive all correspondence electronically. (Paper copies of the certificate and final order documents will also be mailed.)

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3. **Restrictions.** Jeff Alzner and OWRD agree that this Agreement shall not be construed to restrict in any way the decisions and actions by OWRD. OWRD shall be free to exercise independent judgment consistent with existing laws and regulations.

4. **Effective Date and Duration.** Unless otherwise terminated by non-deposit of funds by the Applicant, this Agreement shall become effective on the date on which both parties have signed the Agreement and the full deposit of the estimated cost of the proposed service has been received by OWRD.

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6. **Confidentiality.** Jeff Alzner agrees that any information provided to or acquired by OWRD under this Agreement will be subject to the Oregon Public Records Law and shall be considered public records.

7. **Indemnity.** Applicant shall defend, save, hold harmless, and indemnify the State of Oregon, OWRD, and their officers, employees, and agents from and against all claims, suits, actions, losses, damages, liabilities, costs and expenses of any nature resulting from or arising out of, or relating to the activities of Applicant or its representatives, officers, employees, contractors, or agents under this Agreement or with respect to the expedited service. The Applicant acknowledges that the Oregon Water Resources Department cannot and does not guarantee a favorable review under the subject regulatory process.

PCA 47123

8. **Termination.** Applicant may request to terminate this agreement only in writing at any time during the process. The Applicant agrees to pay for the work done by the Reimbursement Authority personnel up until the time of the written termination request. OWRD, upon receiving such written termination request from the Applicant, will refund any unspent balance after paying the Reimbursement Authority personnel for the work done.

9. **Funds Authorized and Available.** By its execution of this Agreement, Applicants certifies that sufficient funds are authorized and available to cover the expenditures contemplated by this Agreement.

10. **Duration of Estimate.** The Estimate of Time to complete the work is no later than one hundred and twenty days (120) days once this Agreement has been fully executed and payment of the estimated cost deposited. However, this estimate is contingent on the Applicant's expeditious resolution of any deficiency and may be affected by the Department's work load. This Estimate of Time may become null and void after thirty (30) days from the date the Applicant's Agreement is mailed. If the Applicant's Agreement is not received by the Department within thirty (30) days of mailing the Agreement, the Applicant may need to re-apply for a new estimate.

11. **Completion Date.** OWRD, by the execution of this Agreement does not guarantee the completion date indicated in this Agreement. Completion date is only an estimate and may be affected by the Department's workload, issues arising from the processing of the requested services and Applicant's timely response to requests for additional information.

12. **Captions.** The captions or headings in this Agreement are for the convenience only and in no way define limit or describe the scope or intent of any provision of this Agreement.

13. **Amendment and Merger.** The terms of this Agreement shall not be waived, altered, modified, supplemented or amended in any manner whatsoever, except by written instrument signed by both parties. Such waiver, consent, modification or change, if made, shall be effective only in the specific instance and for the specific purpose given. There are no understandings, agreements or representations, oral or written, not specified herein regarding this Agreement.

14. **Signatures.** All parties, by the authorized representative's signature below, hereby acknowledge that they have read this Agreement, understand it and agree to be bound by its terms and conditions.

Applicant: JAR
Name: Jeff Alzner
Date: 8-6-25

For OWRD: K Kavanagh
Name: Kerry Kavanagh
Water Right Services Division
Date: 8-22-2025

Mail signed Agreement to:

Kerry Kavanagh
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1271

PCA 47123

STATE OF OREGON

WATER RESOURCES DEPARTMENT

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # 145791 INVOICE # _____

RECEIVED FROM: Hortus Landscaping LLC ;
BY: Jose R. Alzner

APPLICATION	G-14305
PERMIT	
TRANSFER	

CASH: ☐ CHECK:# ☒ 5929 OTHER: (IDENTIFY) ☐ _____

TOTAL REC'D $ 1,972.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407	COPIES	47123 R13170-27	$
0413	OTHER:	(IDENTIFY) Certificates R.A	$ 1,972.00

0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

	MISCELLANEOUS				
0407	COPY & TAPE FEES				$
0410	RESEARCH FEES				$
0408	MISC REVENUE: (IDENTIFY)	_____			$
TC162	DEPOSIT LIAB. (IDENTIFY)	_____			$
0240	EXTENSION OF TIME				$
	WATER RIGHTS:	EXAM FEE		RECORD FEE	
0201	SURFACE WATER	$	0202	$	
0203	GROUND WATER	$	0204	$	
0205	TRANSFER	$			
	WELL CONSTRUCTION	EXAM FEE		LICENSE FEE	
0218	WELL DRILL CONSTRUCTOR	$	0219	$	
	LANDOWNER'S PERMIT		0220	$	

_____ OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

0211	WELL CONST START FEE	$	CARD#	
0210	MONITORING WELLS	$	CARD#	

_____ OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233	POWER LICENSE FEE (FW/WRD)		$
0231	HYDRO LICENSE FEE (FW/WRD)		$
_____	HYDRO APPLICATION		$

_____ TREASURY OTHER / RDX

FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ $

RECEIPT: 145791 DATED: 8/8/25 BY: _____

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

STATE OF OREGON

WATER RESOURCES DEPARTMENT

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # 145791 INVOICE # _____

RECEIVED FROM: Hartus Landscaping LLC ;
BY: Jose R. Alaniz

APPLICATION	G-14305
PERMIT	
TRANSFER	

CASH: ☐ CHECK:# ☒ 5729 OTHER: (IDENTIFY) ☐ _____

TOTAL REC'D $ 1,472.50

1083 TREASURY 4170 WRD MISC CASH ACCT

0407	COPIES	47123 R13170.27	$
0413	OTHER:	(IDENTIFY) Certificate R.A	$ 1,472.50

0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

	MISCELLANEOUS				
0407	COPY & TAPE FEES				$
0410	RESEARCH FEES				$
0408	MISC REVENUE: (IDENTIFY)	_____			$
TC162	DEPOSIT LIAB. (IDENTIFY)	_____			$
0240	EXTENSION OF TIME				$
	WATER RIGHTS:	EXAM FEE		RECORD FEE	
0201	SURFACE WATER	$	0202	$	
0203	GROUND WATER	$	0204	$	
0205	TRANSFER	$			
	WELL CONSTRUCTION	EXAM FEE		LICENSE FEE	
0218	WELL DRILL CONSTRUCTOR	$	0219	$	
	LANDOWNER'S PERMIT		0220	$	

_____ OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

0211	WELL CONST START FEE	$	CARD#	
0210	MONITORING WELLS	$	CARD#	

_____ OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY

		LIC NUMBER	
0233	POWER LICENSE FEE (FW/WRD)		$
0231	HYDRO LICENSE FEE (FW/WRD)		$
_____	HYDRO APPLICATION		$

_____ TREASURY OTHER / RDX

FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ $

RECEIPT: 145791 DATED: 8/8/25 BY: (illegible)

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

KAVANAGH Kerry L * WRD

From:	KAVANAGH Kerry L * WRD
Sent:	Tuesday, August 5, 2025 2:13 PM
To:	jalzner@comcast.net; Bob Long; Ian Godwin
Cc:	KAVANAGH Kerry L * WRD
Subject:	Certificate RA Estimate R13170-27 for Jeff Alzner involving Application G-14305
Attachments:	RA contract_G-14305.pdf; estimate request_G-14305.pdf; estimate receipt_G-14305.pdf

Hello,

Please find the attached estimate and agreement to review the claim of beneficial use (Claim). If the proposed agreement is acceptable to you and the water user, please return a signed copy to our office along with the payment of the estimated cost to review the claim of beneficial use.

If you have any questions, please send me an email at kerry.l.kavanagh@water.oregon.gov.

Thanks,
Kerry

Kerry Kavanagh
Certificate Reimbursement Authority Program Coordinator
Certificate Section, Water Rights Services Division
725 Summer St NE Suite A | Salem OR 97301 | Direct 503.979.3208
kerry.l.kavanagh@water.oregon.gov| https://www.oregon.gov/OWRD

OREGON
WATER
RESOURCES
DEPARTMENT

Integrity | Service | Technical Excellence | Teamwork | Forward-Looking

STATE OF OREGON

WATER RESOURCES DEPARTMENT

Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # 145742

INVOICE # _____

RECEIVED FROM: Hortus Landscaping LLC; Jeff R Alzner

BY:

APPLICATION	G-14305
PERMIT	
TRANSFER	

CASH: ☐ CHECK:# ☒ 5928 OTHER: (IDENTIFY) ☐ _____

TOTAL REC'D $ 125.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407	COPIES	47123 R11370-27	$
0413	OTHER:	(IDENTIFY) Certificate R.A	$ 125.00

0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

	MISCELLANEOUS				
0407	COPY & TAPE FEES				$
0410	RESEARCH FEES				$
0408	MISC REVENUE: (IDENTIFY)	_____			$
TC162	DEPOSIT LIAB. (IDENTIFY)	_____			$
0240	EXTENSION OF TIME				$
	WATER RIGHTS:	**EXAM FEE**		**RECORD FEE**	
0201	SURFACE WATER	$	0202	$	
0203	GROUND WATER	$	0204	$	
0205	TRANSFER	$			
	WELL CONSTRUCTION	**EXAM FEE**		**LICENSE FEE**	
0218	WELL DRILL CONSTRUCTOR	$	0219	$	
	LANDOWNER'S PERMIT		0220	$	

_____ OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

0211	WELL CONST START FEE	$	CARD#	
0210	MONITORING WELLS	$	CARD#	

_____ OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233	POWER LICENSE FEE (FW/WRD)		$
0231	HYDRO LICENSE FEE (FW/WRD)		$
_____	HYDRO APPLICATION		$

_____ TREASURY OTHER / RDX

FUND _____ TITLE _____

OBJ. CODE _____ VENDOR # _____

DESCRIPTION _____ $

RECEIPT: 145742 DATED: 7-30-25 BY: _____

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

STATE OF OREGON

WATER RESOURCES DEPARTMENT

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # 145742

INVOICE # _____

RECEIVED FROM: Hortus Landscaping LLC ; Jeff R Alzner

BY: _____

APPLICATION	G-14305
PERMIT	
TRANSFER	

CASH: ☐ CHECK:# ☒ 5928 OTHER: (IDENTIFY) ☐ _____

TOTAL REC'D $ 125 00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407	COPIES	47123 R11370-27	$
0413	OTHER:	(IDENTIFY) Certificate R.A	$ 125 00

0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS

0407	COPY & TAPE FEES	$
0410	RESEARCH FEES	$
0408	MISC REVENUE: (IDENTIFY) _____	$
TC162	DEPOSIT LIAB. (IDENTIFY) _____	$
0240	EXTENSION OF TIME	$

WATER RIGHTS:

		EXAM FEE		RECORD FEE
0201	SURFACE WATER	$	0202	$
0203	GROUND WATER	$	0204	$
0205	TRANSFER	$		

WELL CONSTRUCTION

		EXAM FEE		LICENSE FEE
0218	WELL DRILL CONSTRUCTOR	$	0219	$
	LANDOWNER'S PERMIT		0220	$

_____ OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

0211	WELL CONST START FEE	$	CARD#	
0210	MONITORING WELLS	$	CARD#	

_____ OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY

		LIC NUMBER	
0233	POWER LICENSE FEE (FW/WRD)		$
0231	HYDRO LICENSE FEE (FW/WRD)		$
_____	HYDRO APPLICATION		$

_____ TREASURY OTHER / RDX

FUND _____ TITLE _____

OBJ. CODE _____ VENDOR # _____

DESCRIPTION _____ $

RECEIPT: 145742 DATED: 7-30-25 BY: (G-1) MH

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

OREGON WATER RESOURCES DEPARTMENT
CERTIFICATE REIMBURSEMENT AUTHORITY ESTIMATE APPLICATION

ORS 536.055 authorizes the Oregon Water Resources Department to expedite or enhance regulatory processes voluntarily requested under the agreement.

The purpose of this application is to obtain estimates of the cost and time required to process a Certificate Request. ***A separate estimate application is required for each application and/or transfer number. There is a non-refundable application fee of $125.00 per request.***

REQUEST	TYPE	FILE NUMBER	
☒	Certificate Request	Application Number	G-14305
		Permit Number	G-13257
		Transfer Number/Permit Amendment (if applicable)	N/A

	Applicant Information	Applicant's Representative/Contact
Name:	Jeff Alzner	CwM-H2O, LLC, Robert Long, CWRE
Address:	PO Box 80283	311 B Ave, Suite P
	Portland, OR 97280	Lake Oswego, OR
Phone:	(503) 407-3722	(503) 954-1326
Fax:	N/A	N/A
E-Mail Address:	jalzner@comcast.net	bob.long@cwmh2o.com

I certify that I *(check one)*:

- ◉ have previously filed a Claim of Beneficial Use
- ○ am attaching the Claim of Beneficial Use with this request and have included the appropriate claim fee.

I understand the following:

- That upon receipt of my non-refundable application fee in the amount of **$ 125.00**, OWRD will, within fourteen (14) days, notify me in writing of the estimates of cost and time frame for the expedited service.
- For a groundwater permit, a pump test or exemption request must be submitted to OWRD prior to this request.
- The fee covers reimbursement authority staff to evaluate and provide the estimate for processing of the request.
- That upon receiving the estimate I may agree or decline to enter into a formal contract to pay the estimated cost in advance to initiate the expedited service.
- An incomplete or inaccurate Claim of Beneficial Use may delay the process and increase the cost to process my request.
- Expedited processing does not guarantee a favorable review of my request.
- Send completed Application and payment to:

  Oregon Water Resources Department
  Certificate Reimbursement Authority Program
  725 Summer St. NE, Suite A
  Salem, OR 97301-1271

Received
JUL 30 2025
OWRD

I certify that I am the *(check one)*:

◉ Applicant ○ Applicant's Representative ○ Other *(Please specify)* _____

Name: Jeff Alzner

Signature: Bob R

OWRD USE ONLY: Reimbursement Authority Number: R1370-27

G5

FILE#: G 14305

JEFF R ALZNER
8100 SW 71ST AVE
PORTLAND, OR 97223

Application No. G14305
Permit No. G13257
Certificate No. .....

Stream Index, Page No. .....

Refund if rejected

FEES PAID

Date	Amount	Receipt No.
5-7-96	180.00	002094
5-7-96	200.00	002095
10-24-97	32.00	17033
7-30-25	125.00	145742
	Cert. Fee	

FEES REFUNDED

Date	Amount	Check No.

G13257

Date filed .....
Priority .....
Action suspended until RPD
.....
Return to applicant .....
Date of approval 11/19/97

ASSIGNMENTS

Date	To Whom	Address	Volume	Page

CONSTRUCTION

Date for beginning 11/19/98
Date for completion .....
Extended to .....
.....
Date for application of water 10/1/21
Extended to .....
.....

PROSECUTION OF WORK

Form "A" filed .....
Form "B" filed .....
Form "C" filed .....

FINAL PROOF

Blank mailed .....
Proof received .....
Date certificate issued .....

REMARKS

No pump test as of ~~August 1, 2008~~ 5/1/2025

SP*70900-119

Jeff Alzner
PO Box 80283
Portland, OR 97280

PORTLAND OR·RPDC 972
6 AUG 2025 PM 6 L

Kerry Kavanagh
Oregon Water Resources Dept.
725 Summer St. N.E. Suite A
Salem, OR
97301-1271

97301-126673

CwM-H2O
Complete Water Management

July 29, 2025

Oregon Water Resources Department
Attn: *Certificate Reimbursement Authority Program*
725 Summer St. NE Ste A
Salem, Oregon 97301

REIMBURSEMENT AUTHORITY APPLICATION FOR CLAIM OF BENEFICIAL USE APPLICATION FOR PERMIT G-13257

Dear OWRD Staff,

Please find accompanying this letter a Certificate Reimbursement Authority Estimate Application and $125 application fee payment for a Claim of Beneficial Use Application for Permit G-13257, which was first received by the Department on 3/11/2002. The Claim has not been processed because the Applicant had not yet completed their pump test condition. CwM worked with the Applicant to complete the required pump test, which was submitted to the Department on 7/28/2025. The pump test information is also included with this package. If you have any questions, please do not hesitate to reach out.

Sincerely,

CwM H2O, L.L.C.

Ian Godwin, CWRE

Received
JUL 30 2025
OWRD

311 B Avenue, Suite P, Lake Oswego, OR 97034
Complete Water Management | CwMH2O.com

Oregon Water Resources Department
Attn: *Certificate Reimbursement Authority Program*
725 Summer St. NE, Ste A
Salem, Oregon 97301

CwM-H2O
311 B Ave, Suite P
Lake Oswego, OR 97034

OREGON WATER RESOURCES DEPARTMENT

PUMP TEST FORM CRITERIA

Pump test are intended to provide aquifer & well information for groundwater resource characterization & to help solve well problems.

Forms can be sent to:
WRD_DL_pumptestsupport@water.oregon.gov

This pump test workbook contains 3 sheets (not including this sheet).

Cover Sheet | Methods Sheet | Data Sheet

*clickable shortcuts

Remember, your pump test may not be approved unless it meets the following criteria*:

- ☑ The dischage rate was held constant for the entire pumping phase.
- ☑ The pump was on during the entire pumping phase (≥4 hours).
- ☑ The discharge was measured at the start of pumping and at least once every hour during the test.
- ☑ Water levels were measured to an accuracy of 0.1 feet or 0.5 percent.
- ☑ Pre-test static water levels were measured at least three times in the hour before pumping began at no less than 20 minutes apart
- ☑ Water levels were measured at the specified intervals during the pumping phase of the test for at least four hours.
  (≤ 2 minutes for the first 10 minutes, ≤ 5 mins for 10-30 mins, and ≤ 15 mins for the remainder of the test)
- ☑ Water levels were measured at the specified intervals (see above) during the recovery phase of the test for four hours
  or until 90% of the maximum drawdown has recovered.
- ☐ If using an airline, measurements were calibrated with an e-tape & the depth to water was ≥ 300 feet.
- ☑ The pump test cover sheet was completely filled out and signed.
- ☑ The pumping rate was as close as reasonably possible to the (anticipated) pumping rate during normal use of the well.
- ☑ The well was idle for at least 16 hours prior to the test.
- ☑ The pump test was completed by an acceptably qualified person
  (Oregon licensed well constructors, Oregon registered professional geologists or engineering geologist, Certified water rights examiners, Oregon registered professional engineers)

Received
JUL 30 2025
OWRD

*This checklist is inteded for information purposes only & does not guarantee a pump test approval. The Department reserves all authority pertaining to the implementation of the rules under OAR 690-217.

Pump test requirements for OAR 690-217 can be found online here.

OREGON WATER RESOURCES DEPARTMENT

PUMP TEST FORM COVER SHEET

Owner / Business :

Name	Phone Number	Owner Street Address
Jeff Alzner	(503) 407-3722	PO Box 80283

State	City	Zip
Portland	OR	97280

If different from owner,

Test Conducted By	Qualifications	License #
Ian Godwin	Certified Water Right Examiner	104303

Company	Phone Number	Company Street Address
CwM-H2O	(503) 954-1326	311 B Ave, Suite P

Company State & Zip	E-mail
OR, 97034	igodwin@cwmh2o.com

Tested Well Information :

Well Log	Well Log #	Well Tag L-#
MARI	17596	

Date Drilled	TWP RNG SEC QQ	Surveyed Location
Nov-91	4S, 1W, Sec 11, NESW	1410 ft N, 60 ft W, S 1/4 cor, Sec. 11

Latitude	Longitude
45.23476925	-122.7747801

Water Right(s) Information : include letter in front (ex. G-xxxxx)

Application	Permit	Transfer
G-14305	G-13257	

Certificate

I hereby certify that this test has been conducted in accordance with OAR 690-217:

Ian Godwin

Operator Initials: IAG Date: 7/28/2025

Owner Initials: JA Date: 7/28/2025

OREGON WATER RESOURCES DEPARTMENT

PUMP TEST FORM METHOD SHEET

1 Are there any wells, other than domestic or stock wells, within 1000' of the tested well? yes

2 If yes, identify the well by OWRD log number. Note the approximatge distance to each well from tested well and approximate pumping rate.

Well Log	Distance From Pumped Well	Date & Time Pump On	Pumping Rate
MARI-17545	360 ft	-	gpm
MARI-17597	630 ft	-	
MARI-17620	900 ft	-	
	ft		

3 Is there a lake, stream, or other surface water body within 1/4 mile of the tested well? no

Approx. Distance	Approx. Elevation Difference
ft	ft

4 Was the test conducted during normal use of the well? no

Where pumped water was discharged?	How far from pumped well was water discharged?
Roadside ditch	200 ft

5

Water-Level Measurement Method

Electric Tape

If other, please state:

If airline used, give length (ft)

*Airline mmt must be verified by an e-tape mmt.

Verify Airline here:

psi ft

E-tape ft

If Pressure Transducer used,

Manufacturer:

Serial #:

Date Last Calibrated:

Units:

Pump Type	Pump HP	Pump Set
Submersible		105 ft

If other, what pump type?

Idle Time: 24 hours

Discharge Method

Vol/Time

If Flowmeter used,

Manufacturer: Master Meter

Serial #:

Date Last Calibrated:

Units:

Measuring Point (MP)

2.00 ft above land surface

Description of MP

Top of casing

Time Pump Turned On

Date	Time
7/25/2025	8:17am

Time Pump Turned Off

Date	Time
7/25/2025	12:17pm

Total Pumping Time

Hours	Minutes
4	0

Received
OCT 30 2025
OWRD

OREGON WATER RESOURCES DEPARTMENT

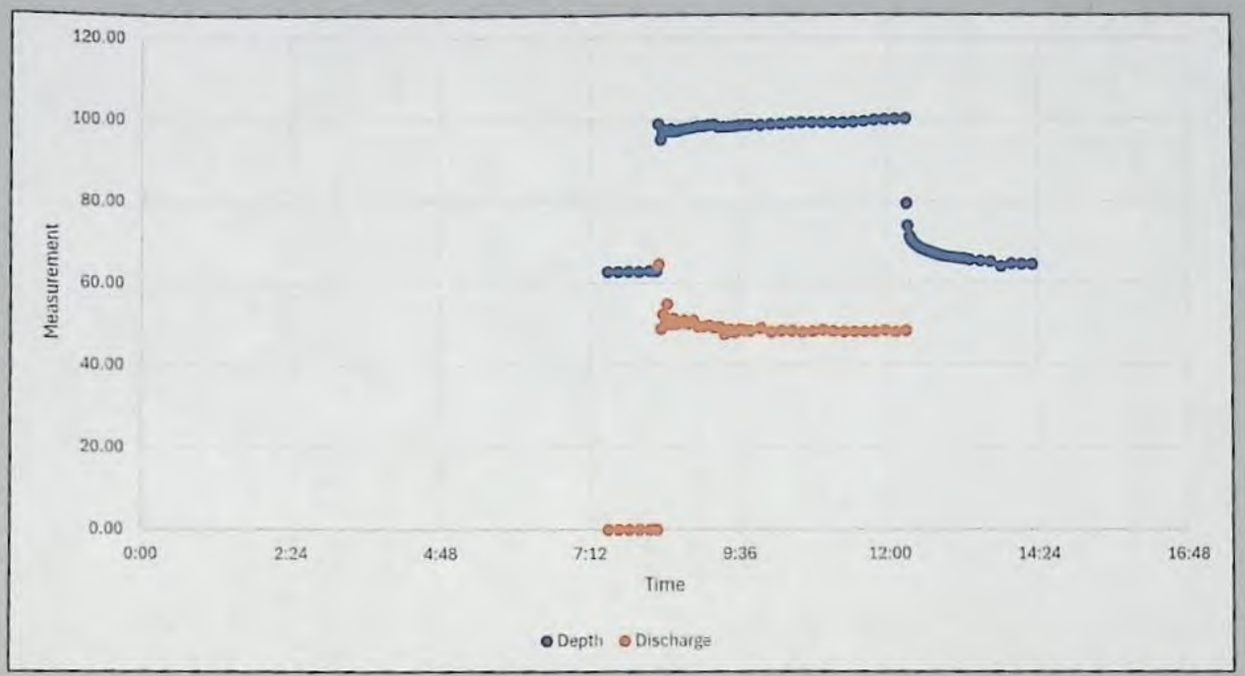
PUMP TEST FORM DATA SHEET

Excel Tips:
1. Duplicate cells by dragging bottom right corner of 2 highlighted cells of the same data
2. Quick time format cells by highlighting the cells with the time difference needed and dragging bottom right corner of highlighted cells (ex. 10:00 & 10:02 (highlight cells) > 10:04 (next cell))
3. Rows are can be added and deleted.
4. To save on paper, make sure to delete excess, unused rows prior to printing

*Measurements in decimal foot

Date	Time	Depth to Water Below MP	Discharge Rate	Units	Pump ON / OFF	Airline (psi)	Flowmeter	Units	Comments
7/25/2025	7:30	62.94	-		off	-	59716	gallon	
7/25/2025	7:40	62.93	-		off	-	59716		
7/25/2025	7:50	62.97	-		off	-	59716		
7/25/2025	8:00	62.94	-		off	-	59716		
7/25/2025	8:10	63.08	-		off	-	59716		
7/25/2025	8:15	63.09	-		off	-	59716		
7/25/2025	8:17	63.09	-		on	-	59716		
7/25/2025	8:19	99.00	64.7	(gpm) gallons	on	-			
7/25/2025	8:21	95.21	49		on	-	59972		
7/25/2025	8:23	96.74	52.5		on	-	60070		
7/25/2025	8:25	97.58	50		on	-	60175		
7/25/2025	8:27	97.18	55		on	-	60275		
7/25/2025	8:29	97.33	50		on	-	60385		
7/25/2025	8:31	97.80	50		on	-	60485		small rate adjustment
7/25/2025	8:33	97.18	51.5		on	-	60585		
7/25/2025	8:35	97.25	50		on	-	60688		
7/25/2025	8:37	97.37	50.5		on	-	60788		
7/25/2025	8:39	97.53	50.5		on	-	60889		
7/25/2025	8:41	97.70	50.5		on	-	60990		
7/25/2025	8:43	97.78	51		on	-	61091		
7/25/2025	8:45	97.82	50.5		on	-	61193		
7/25/2025	8:47	97.91	50.2		on	-	61294		
7/25/2025	8:52	98.15	51		on	-	61545		
7/25/2025	8:57	98.43	49.5		on	-	61800		
7/25/2025	9:02	98.47	49.5		on	-	62070		small rate adjustment
7/25/2025	9:07	98.73	49.8		on	-	62295		small rate adjustment
7/25/2025	9:12	98.83	49.2		on	-	92544		small rate adjustment
7/25/2025	9:17	98.24	49.4		on	-	62790		
7/25/2025	9:22	98.30	47.6		on	-	63037		
7/25/2025	9:27	98.29	48.8		on	-	63275		
7/25/2025	9:32	98.45	48		on	-	63519		
7/25/2025	9:37	98.59	48.8		on	-	63759		
7/25/2025	9:42	98.67	48.4		on	-	64003		
7/25/2025	9:47	98.72	48.4		on	-	64245		
7/25/2025	9:57	98.75	49.1		on	-	64729		
7/25/2025	10:07	98.90	48.1		on	-	65220		
7/25/2025	10:17	98.98	48.4		on	-	65701		
7/25/2025	10:27	99.28	48.4		on	-	66185		
7/25/2025	10:37	99.38	48.2		on	-	66667		
7/25/2025	10:47	99.40	48.3		on	-	67150		
7/25/2025	10:57	99.39	48.6		on	-	67636		
7/25/2025	11:07	99.42	48.3		on	-	68119		
7/25/2025	11:17	99.42	48.2		on	-	68601		

7/25/2025	11:27	99.50	48.2		on	-	69083		
7/25/2025	11:37	99.70	48.2		on	-	69595		
7/25/2025	11:47	100.00	48.2		on	-	70047		
7/25/2025	11:57	100.16	48.5		on	-	70532		
7/25/2025	12:07	100.26	48.1		on	-	71013		
7/25/2025	12:17	100.31	48.4		on	-	71497		
7/25/2025	12:18	79.63			off	-			
	12:19	74.12			off	-			
	12:20				off	-			
	12:21	71.55			off	-			
	12:22	70.97			off	-			
	12:23	70.50			off	-			
	12:24	70.20			off	-			
	12:25	69.93			off	-			
	12:26	69.69			off	-			
	12:27	69.46			off	-			
	12:29	69.05			off	-			
	12:31	68.73			off	-			
	12:33	68.52			off	-			
	12:35	68.28			off	-			
	12:37	68.07			off	-			
	12:39	67.89			off	-			
	12:41	67.69			off	-			
	12:43	67.53			off	-			
	12:45	67.40			off	-			
	12:47	67.25			off	-			
	12:49	66.98			off	-			
	12:54	66.70			off	-			
	12:59	66.50			off	-			
	13:04	66.31			off	-			
	13:09	66.21			off	-			
	13:14	65.99			off	-			
	13:19	65.72			off	-			
	13:29	65.51			off	-			
	13:39	65.34			off	-			
	13:49	64.14			off	-			
	13:59	64.84			off	-			
	14:09	64.72			off	-			
	14:19	64.72			off	-			



*Rough hydrograph using the Data Sheet to use as a review reference of the data entered.

ESTES SURVEYS, LLC
SURVEYS CONSULTING

LAND & WATER RIGHTS
Bruce A. Estes, PLS, CWRE

60382 Arnold Rd.
Bend, OR 97702
(541) 382-7391
FAX 382-7391

PO Box 17519
Salem, OR 97305-7519
(503) 585-7593
FAX 585-7593

The accompanying site map (mylar) will follow in a separate mailing. Thank You!

March 6, 2002

RECEIVED
MAR 11 2002
WATER RESOURCES DEPT.
SALEM, OREGON

CLAIM ~~OF BENEFICIAL USE AND~~ SITE REPORT

Application G-14305, Permit G-13257

in the name of Jeff R. Alzner

INFORMATION: Went over the project with Jeff.

SOURCE: Four wells. All were drilled prior to the permit being issued. Well #1 has a 1 1/2" Precision flow meter # 58416627; Well #2 has a 2" Master meter #4029450; Well #3 has a 2 " Master meter #4029452 and Well #4 has a 2" Master meter #4029451. They all record in gallons. Static water levels have been measured each March as required.

DIVERSION POINTS: NE 1/4 SW 1/4 & SE 1/4 SW 1/4 of Section 11, T 4 S, R 1 W, W.M.; Well #1 - 1040' North & 80' West; Well #2 - 1560' North & 700' West; Well #3 - 1550' North & 60' West; Well #4 1070' North & 750' West; all from the S 1/4 corner.

USE: Nursery Operation on 5.4 acres and irrigation on the entire 15.4 acres. Nursery stock is quite diversified. The irrigation was for grass seed spring and fall in 2001.

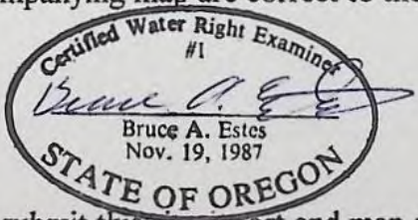
CAPACITY: Wells 2, 3 and 4 have 5 HP submersible pumps in them. They have a static level of 43 feet and 42 feet of drawdown for a capacity of 7.04x5/43+42+114.3 = 0.177 cfs (79 GPM) at 45 psi. Well #1 has a 3 HP submersible pump for a capacity of 7.04x3/43+42+114.3 = 0.106 cfs (48 GPM). Total pumping capacity of 0.637 cfs (286 GPM).

There were 80 2"x40' aluminum pipe in the stack for the nursery operation. They have 2045-PJ Maxi Bird sprinklers. They are 07 and 08 nozzles rated at 3 GPM and 3.7 GPM by the manufacturer at 45 psi. With a maximum of 50 08's and 20 07's we have 50x3.7 = 185 and 15x3 = 45 for a total of 230 GPM (0.512 cfs). The irrigation pipe was stored off site for the winter. The permit authorized a maximum of 0.469 cfs.

TIE: The map was tied to an aerial photo, the road and north property fence.

REMARKS: The application map had the north line of tax lot 100 located south of the actual line due to aerial photo scale. The wells were tied to the north line in the field. They have not changed, only the coordinates have been corrected. Mr. Alzner owns tax lot 900 also.

An inspection of the land under the terms of permit G-13257 was made by me November 7, 2002, and the facts contained in this report and accompanying map are correct to the best of my knowledge.



I, Jeff R. Alzner, agree with Mr. Estes' findings and 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-13257 and hereby request a water right certificate be issued.

Jeff R. Alzner

March 6, 2002

RECEIVED
MAR 11 2002
WATER RESOURCES DEPT.
SALEM, OREGON

ESTES SURVEYS, LLC

SURVEYS CONSULTING

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in the name of Jeff R. Alzner

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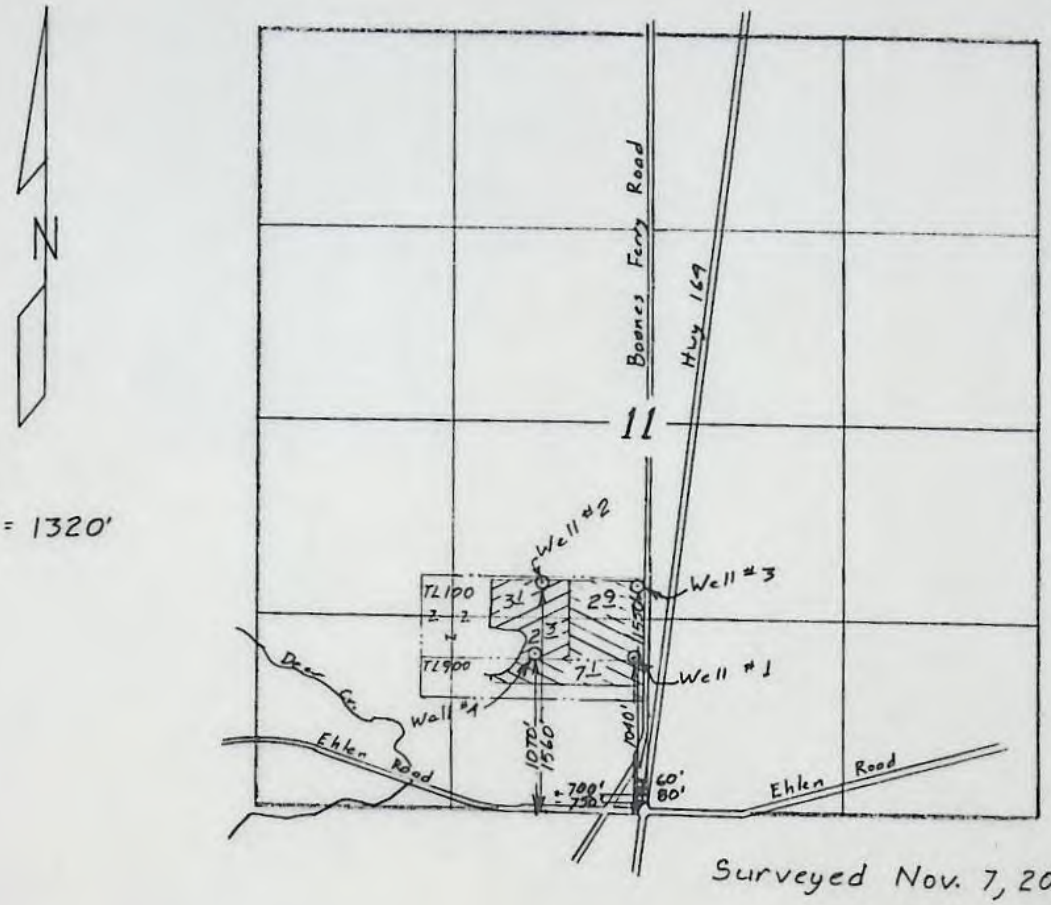
Certified Water Right Examiner
#1
Bruce A. Estes
Nov. 19, 1987
STATE OF OREGON

I, Jeff R. Alzner, agree with Mr. Estes' findings and 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-13257 and hereby request a water right certificate be issued.

Jeff R. Alzner

TOWNSHIP 4 SOUTH, RANGE 1 WEST, W.M.



Scale 1" = 1320'

Surveyed Nov. 7, 2001

Claim of Beneficial Use Map
for
JEFF R. ALZNER

Irrigation
Nursery & Irrigation

Application G-14305
Permit G-13257

Certified Water Right Examiner
#1
Bruce A. Estes
Nov. 19, 1987
STATE OF OREGON

This map is for the purpose of locating a water right only and has no intent to provide legal dimensions or the location of property lines.

ESTES SURVEYS, LLC
6293 Sunnyview Rd. NE
Salem, OR 97305
(503) 585-7593
60382 Arnold Rd.
Bend, OR 97702
(503) 382-7391

STATE OF OREGON

COUNTY OF MARION

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

JEFF R. ALZNER
8100 SW 71ST AVE.
PORTLAND, OREGON 97223

PHONE: (503) 245-8501

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-14305

SOURCE OF WATER: FOUR WELLS, IN THE PUDDING RIVER BASIN

PURPOSE OR USE: IRRIGATION AND AGRICULTURAL USE FOR NURSERY OPERATIONS ON 15.4 ACRES

MAXIMUM RATE: 0.469 CUBIC FOOT PER SECOND (CFS), BEING 0.067 CFS FROM WELL 1, 0.134 CFS FROM WELL 2, 0.134 CFS FROM WELL 3, AND 0.134 CFS FROM WELL 4; FURTHER LIMITED TO NO MORE THAN 0.385 CFS FOR IRRIGATION USE

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31 FOR IRRIGATION AND YEAR ROUND FOR AGRICULTURAL USE

DATE OF PRIORITY: MAY 7, 1996

POINT OF DIVERSION LOCATION: NE 1/4 SW 1/4, SE 1/4 SW 1/4, SECTION 11, T4S, R1W, W.M.; WELL 1 - 880 FEET NORTH & 80 FEET WEST, WELL 2 - 1440 FEET NORTH & 690 FEET WEST, WELL 3 - 1410 FEET NORTH & 60 FEET WEST, AND WELL 4 - 940 FEET NORTH & 750 FEET WEST ALL FROM S1/4 CORNER, SECTION 11

The amount of water used for NURSERY OPERATIONS is limited to a diversion of 0.15 cubic foot per second per acre. For the irrigation of **containerized nursery plants**, the amount of water diverted is limited to ONE-FORTIETH of one cubic foot per second (or its equivalent) and 5.0 acre feet per acre per year. For the irrigation of **in ground nursery plants** the amount of water diverted is limited to ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre feet per acre per year. The use of water for NURSERY OPERATIONS may be made at anytime of the year that the use is beneficial. For the irrigation of **any other crop**, the amount of water diverted is limited to ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre feet per acre during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE 1/4 SW 1/4 3.3 ACRES
SE 1/4 SW 1/4 12.1 ACRES
SECTION 11
TOWNSHIP 4 SOUTH, RANGE 1 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.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional

measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

(A) Identify each well with its associated measurement; and
(B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
(C) Specify the method used to obtain each well measurement; and
(D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

(A) An average water level decline of three or more feet per year for five consecutive years; or
(B) A water level decline of 15 or more feet in fewer than five consecutive years; or
(C) A water level decline of 25 or more feet; or
(D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

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. Complete application of water to the use shall be made on or before October 1, 2001.

Issued November 19, 1997

Martha O. Pagel, Director
Water Resources Department

TO: Water Rights Section July 15, 1997

FROM: Groundwater/Hydrology Section Marc A Norton
Reviewer's Name

SUBJECT: Application G-14305

GROUNDWATER/SURFACE WATER CONSIDERATIONS

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

2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
   a. ___ will, or have the potential for substantial interference with the nearest
   b. X 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)_____;
      ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. ___ The permit should be conditioned as indicated in item 4 below; or
   d. will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
   a. ___ will, or likely be available in the amounts requested without injury to prior rights
   b. ___ will not and/or within the capacity of the resource; or
   c. X will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
      i. X The permit should contain condition #(s) 7B, 7C ;
      ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. ___ The permit should be conditioned as indicated in item 4 below; or

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

REMARKS: This review supercedes the Sept 30, 1996 review. Changes were made based on additional information submitted by applicant

G-14305

(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:_____
_____
_____

_____ _____, 199__.
(Signature)

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WATER RESOURCES DEPT.
SALEM, OREGON

HYDROGEOLOGIC INVESTIGATION
for
JEFF ALZNER
January 21, 1997

This hydrogeologic investigation was conducted at the request of Jeff Alzner, in support of ground water Application G-14305, for 210 gallons per minute from four wells. The subject property is located near Aurora, in Marion County, in T4S,R1W,WM, Section 11.

Mr. Alzner submitted an application to the Water Resources Department for an irrigation permit on May 7, 1996.

The Water Resources Department has not issued a permit to use ground water because of possible hydraulic connection with Deer Creek and/or an unnamed, intermittent tributary of Deer Creek. Deer Creek is about 1450 feet west of Well 4, the most westerly well on Mr. Alzner's property. The tributary (swale) is about 600 feet west of Well 4.

Included in this investigation are analyses of the Drillers' reports for the wells, and analyses of three other wells across Deer Creek to the west. The closest recorded wells west of Deer Creek are in the southeast quarter of Section 10, and are almost a mile away. There are no known wells between Mr. Alzner's property and Deer Creek.

The elevations used in this report are relative. Deer Creek, at the western end of the level traverse, was assigned an elevation of 130 feet above mean sea level (msl), based on the USGS Woodburn Quadrangle 7 1/2 minute topographic map.

Geologic cross-sections constructed from the well reports show a generally horizontal, uniform sand and gravel aquifer, with overlying horizontal clay beds. The clay beds probably separate water in the aquifer from surface water. Extended west, the clay beds would form an effective barrier between the aquifer and Deer Creek.

The wells west of Deer Creek are reported to penetrate basalt; Mr. Alzner's wells do not. Therefore, the underlying geology could not be correlated across Deer Creek.

The following table shows the elevations where ground water was encountered when the wells were drilled, static water levels on the drilling date, and on December 18, 1996, when a pump test was conducted on Well 3.

WELL ID	TOP OF CASING, MSL	DATE DRILLED	WATER FIRST ENC'D, MSL - DATE	STATIC WATER LEVEL, MSL - DATE	STATIC WATER LEVEL, MSL - DATE
				DTW	DTW
#1	181	10/16/91	75 10/16/96	120 61 10/16/96	136 45 12/18/96
#2	184	11/20/91	83 11/20/91	131 53 11/20/91	137 47 12/18/96
#3	182	11/26/91	75 11/26/91	128 54 11/26/91	135 47 12/18/96
#4	181	11/30/91	80 11/30/91	130 51 11/30/91	135 46 12/18/96

The well reports show the aquifer in Well 1 between 85 96 and 63 118 feet msl, in Well 2 between 84 100 and 69, 115 in Well 3 between elevations 79 103 and 65, 117 and in Well 4 between 94 87 and 64. 117 Positive pressure heads on the drilling dates were: Well 1 - 45 feet, Well 2 - 48 feet, Well 3 - 53 feet, and Well 4 - 50 feet.

A four-hour pump test was conducted on Well 3 on December 18, 1996. Since there is no electricity to the site, a diesel generator powered a submersible pump. The pump was installed and the pumping for the test was conducted by Schneider Drilling Co.

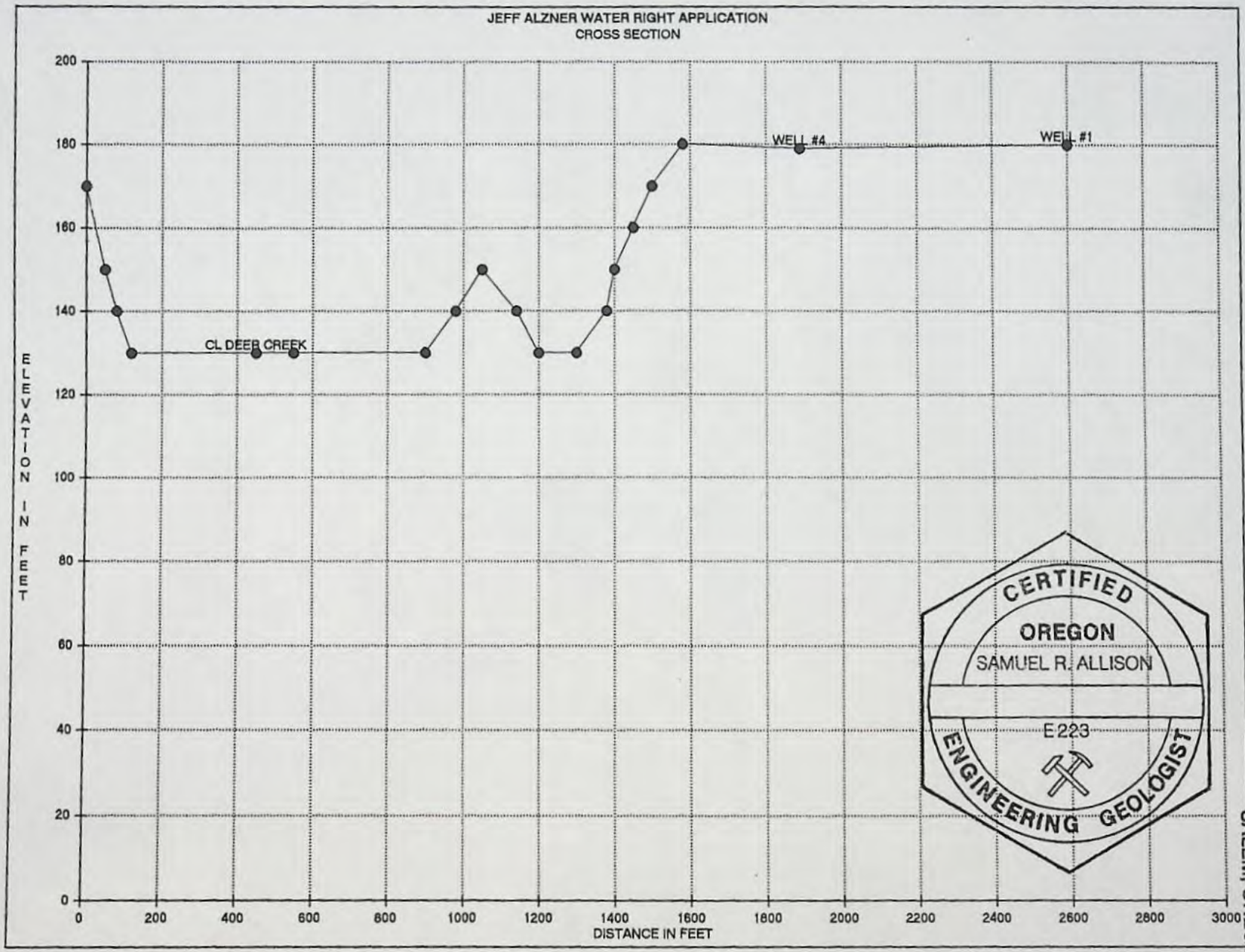
During the test, well 3 was pumped at an average rate of about 64 gpm. Output from the pump fluctuated slightly, but the hydraulic characteristics calculated for the aquifer using 64 gpm appear to be reasonable. Walton's computer program PT-6 was used to calculate transmissivity (T=4230) and storage coefficient (S=0.000026). Program PT-11 was used to calculate "u" (0.019).

Water levels at wells 1,2 and 4 were measured during the pumping phase and until the pumped well recovered 90% of its pre-pumping static head. Well 1 was the primary observation well. Wells 2 and 4 were monitored less frequently. Water levels at Well 3 were measured by Bryan Hart of Schneider Drilling Co. Water levels at Well 1 were measured by Sam Allison, CEG. Water levels at Wells 2 and 4 were measured by Bruce Estes, CWRE, and Sam Allison.

Hydraulic properties are consistent with properties of horizontally bedded confined aquifers. The well reports show at least one clay aquitard separating the producing aquifer from

surface drainages. All four wells are cased through the clay layer. Well 1 is an eight-inch hole, with an eight-inch casing. The other three wells are six inches, with six-inch casings. Most likely, swelling of the clay will effectively form a seal. Therefore, hydraulic connection between the producing aquifer and surface drainages should be minor.

Samuel R. Allison
CEG 223
503-585-2382



CERTIFIED
OREGON
SAMUEL R. ALLISON
E 223
ENGINEERING GEOLOGIST

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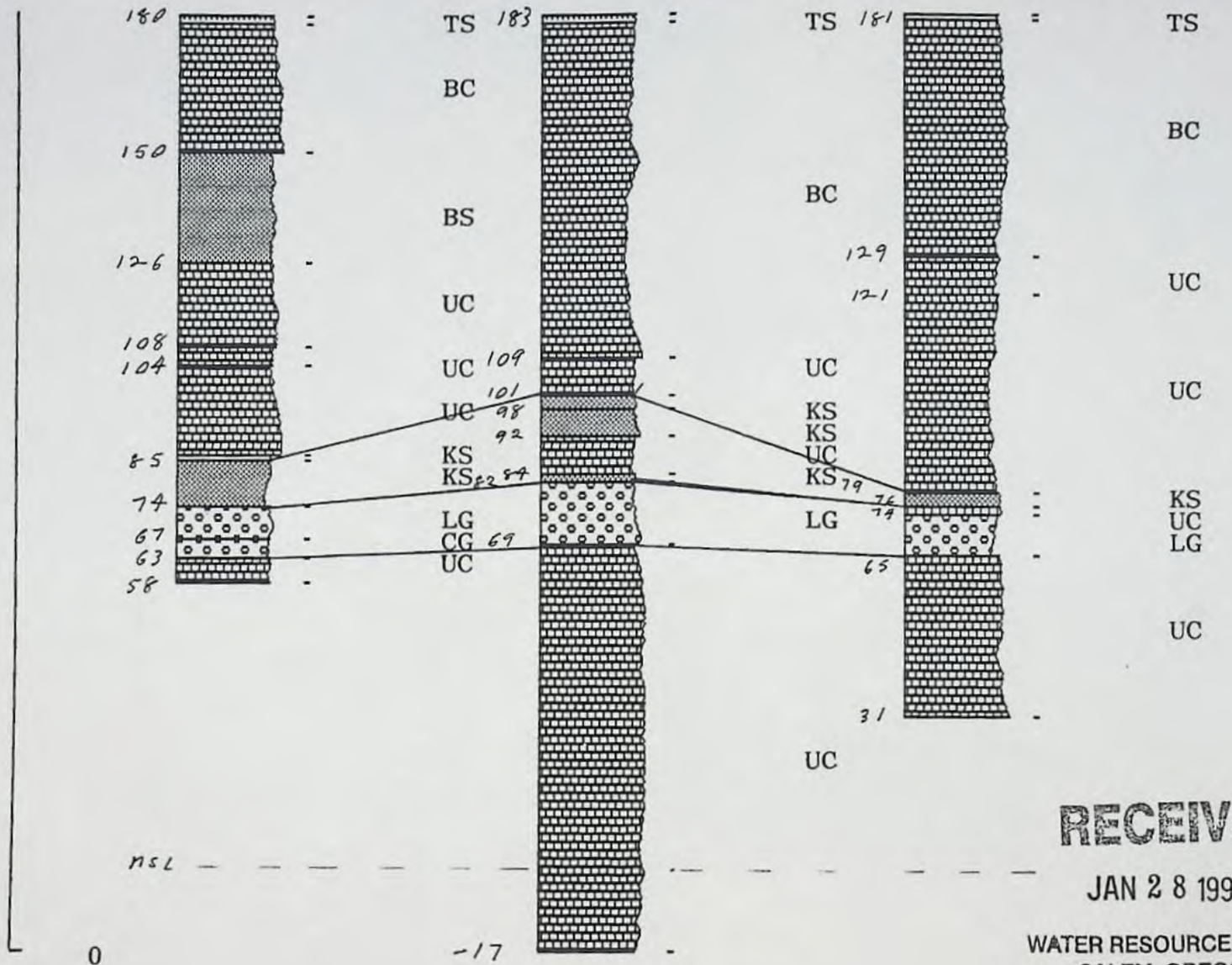
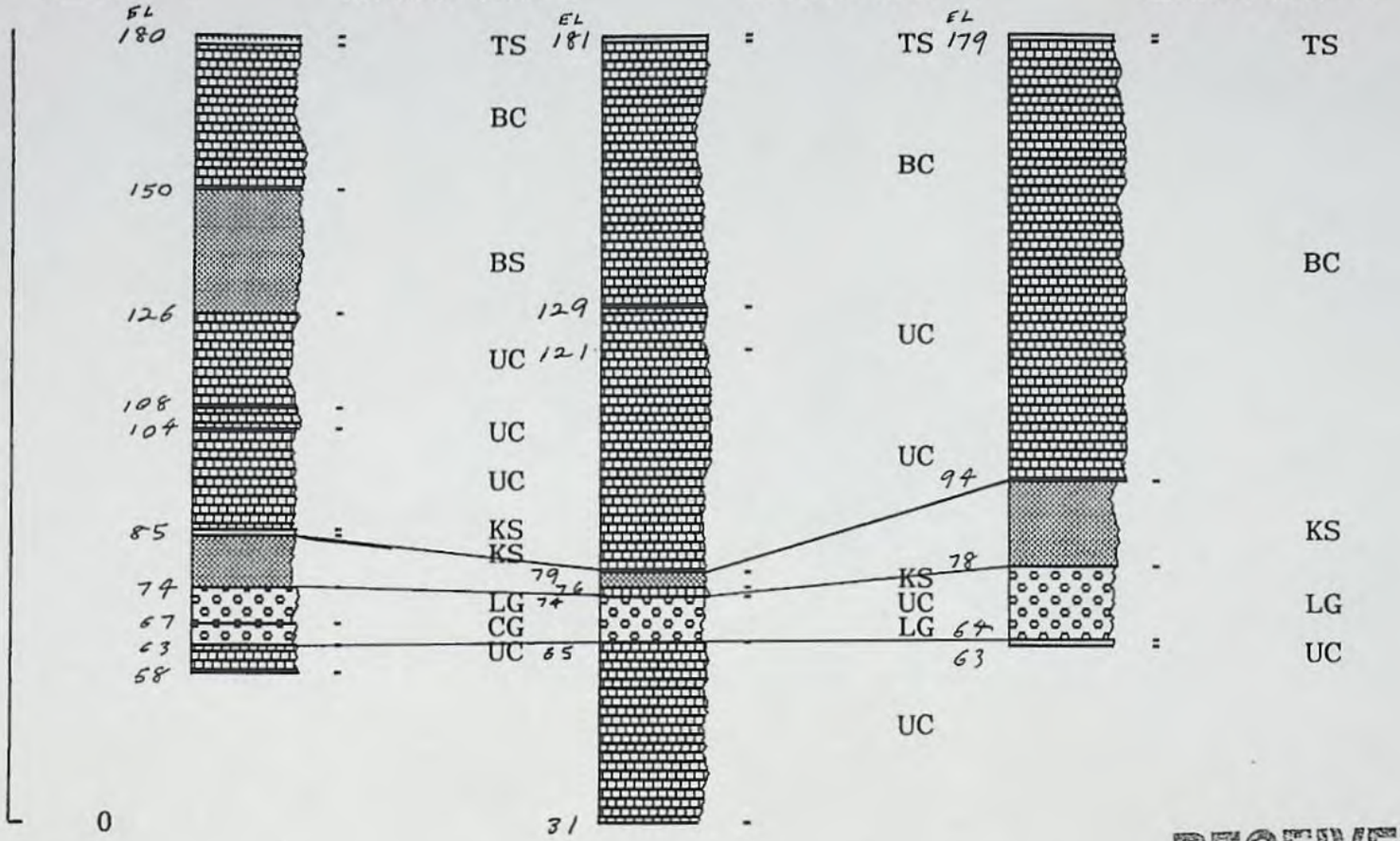
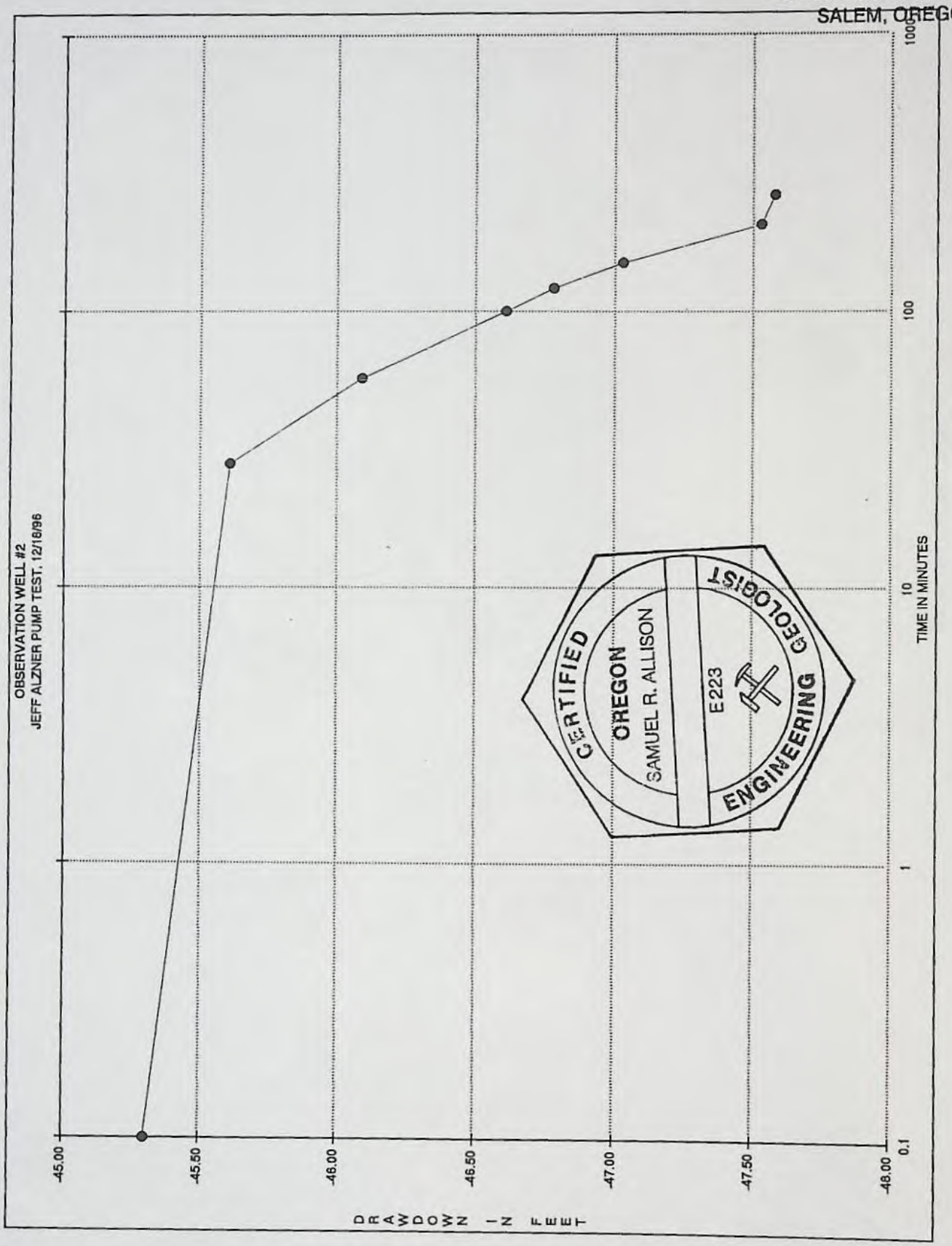
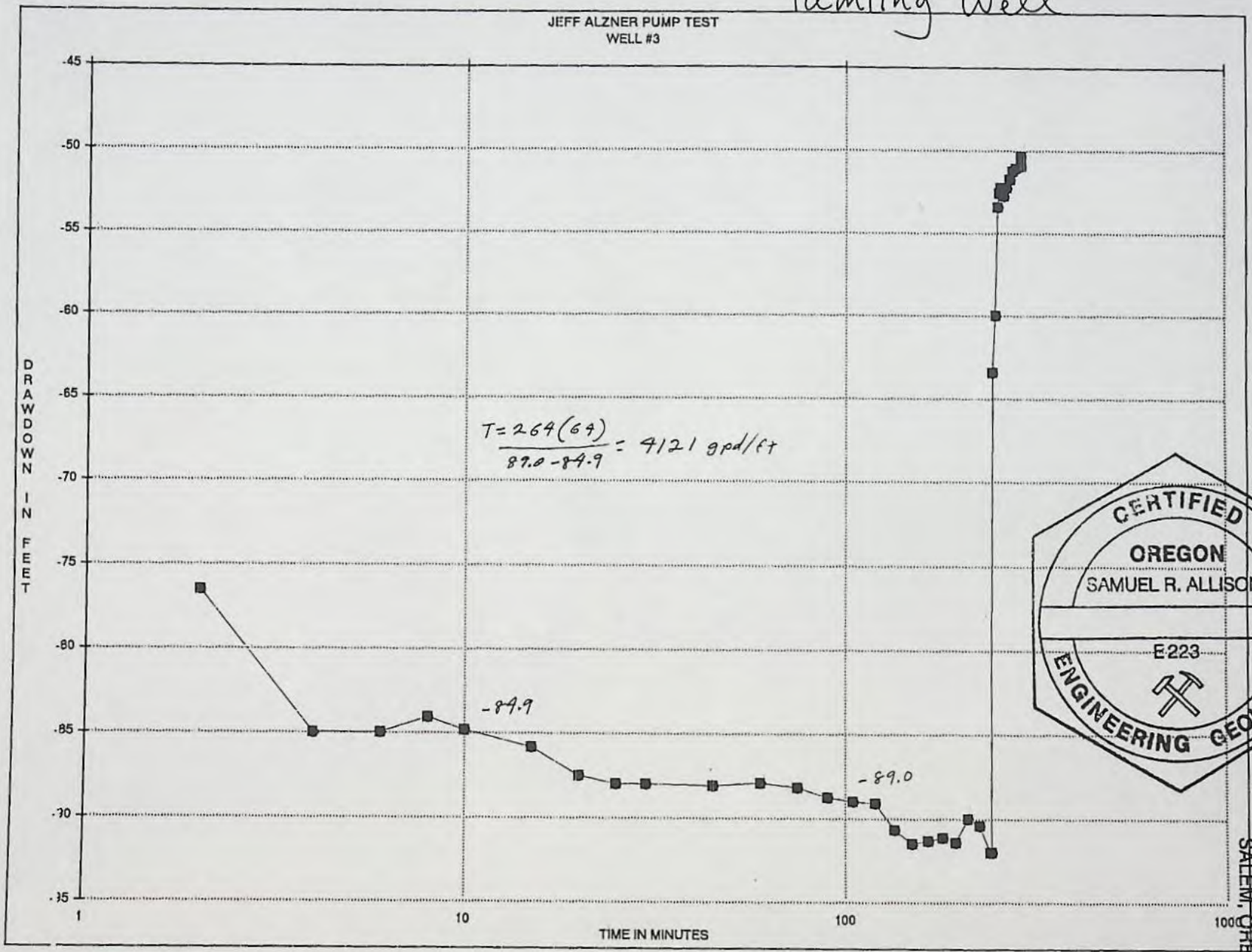
SALEM, OREGON

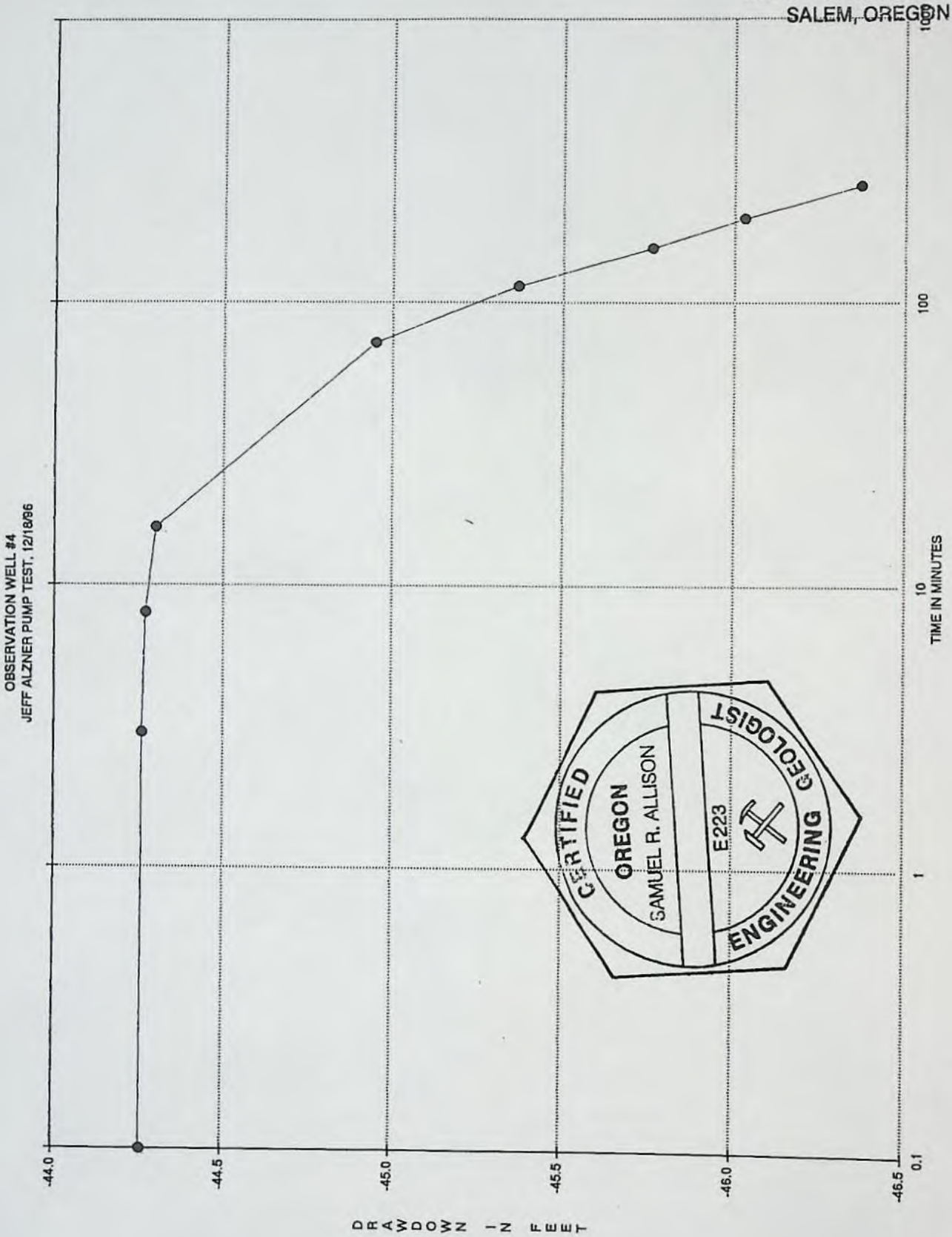






Pumping Well





DATA BASE:

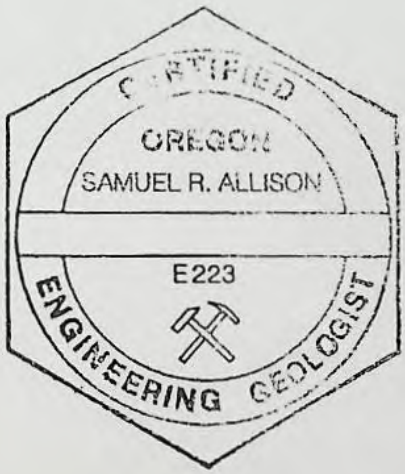
NUMBER OF KNOWN POINTS= 16
POINT NUMBER= 1
X (TIME)-COORDINATE OF POINT (MIN)= 5.0000D+00
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 1.3000D-01
POINT NUMBER= 2
X (TIME)-COORDINATE OF POINT (MIN)= 1.0000D+01
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 3.0000D-01
POINT NUMBER= 3
X (TIME)-COORDINATE OF POINT (MIN)= 1.5000D+01
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 5.6000D-01
POINT NUMBER= 4
X (TIME)-COORDINATE OF POINT (MIN)= 2.0000D+01
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 1.3400D+00
POINT NUMBER= 5
X (TIME)-COORDINATE OF POINT (MIN)= 2.5000D+01
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 1.5800D+00
POINT NUMBER= 6
X (TIME)-COORDINATE OF POINT (MIN)= 3.0000D+01
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 1.7000D+00
POINT NUMBER= 7
X (TIME)-COORDINATE OF POINT (MIN)= 4.5000D+01
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 2.6700D+00
POINT NUMBER= 8
X (TIME)-COORDINATE OF POINT (MIN)= 6.0000D+01
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 3.2400D+00
POINT NUMBER= 9
X (TIME)-COORDINATE OF POINT (MIN)= 7.5000D+01
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 3.7700D+00
POINT NUMBER= 10
X (TIME)-COORDINATE OF POINT (MIN)= 9.0000D+01
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 4.1500D+00
POINT NUMBER= 11
X (TIME)-COORDINATE OF POINT (MIN)= 1.0500D+02
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 4.4600D+00
POINT NUMBER= 12
X (TIME)-COORDINATE OF POINT (MIN)= 1.2000D+02
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 4.7300D+00
POINT NUMBER= 13
X (TIME)-COORDINATE OF POINT (MIN)= 1.5500D+02
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 5.2500D+00
POINT NUMBER= 14
X (TIME)-COORDINATE OF POINT (MIN)= 1.9200D+02
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 5.6400D+00
POINT NUMBER= 15
X (TIME)-COORDINATE OF POINT (MIN)= 2.1100D+02
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 5.7800D+00
POINT NUMBER= 16
X (TIME)-COORDINATE OF POINT (MIN)= 2.4000D+02
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 6.0000D+00
PRODUCTION WELL DISCHARGE RATE (GPM)= 6.4000D+01
DISTANCE FROM PRODUCTION WELL (FT)= 5.3000D+02

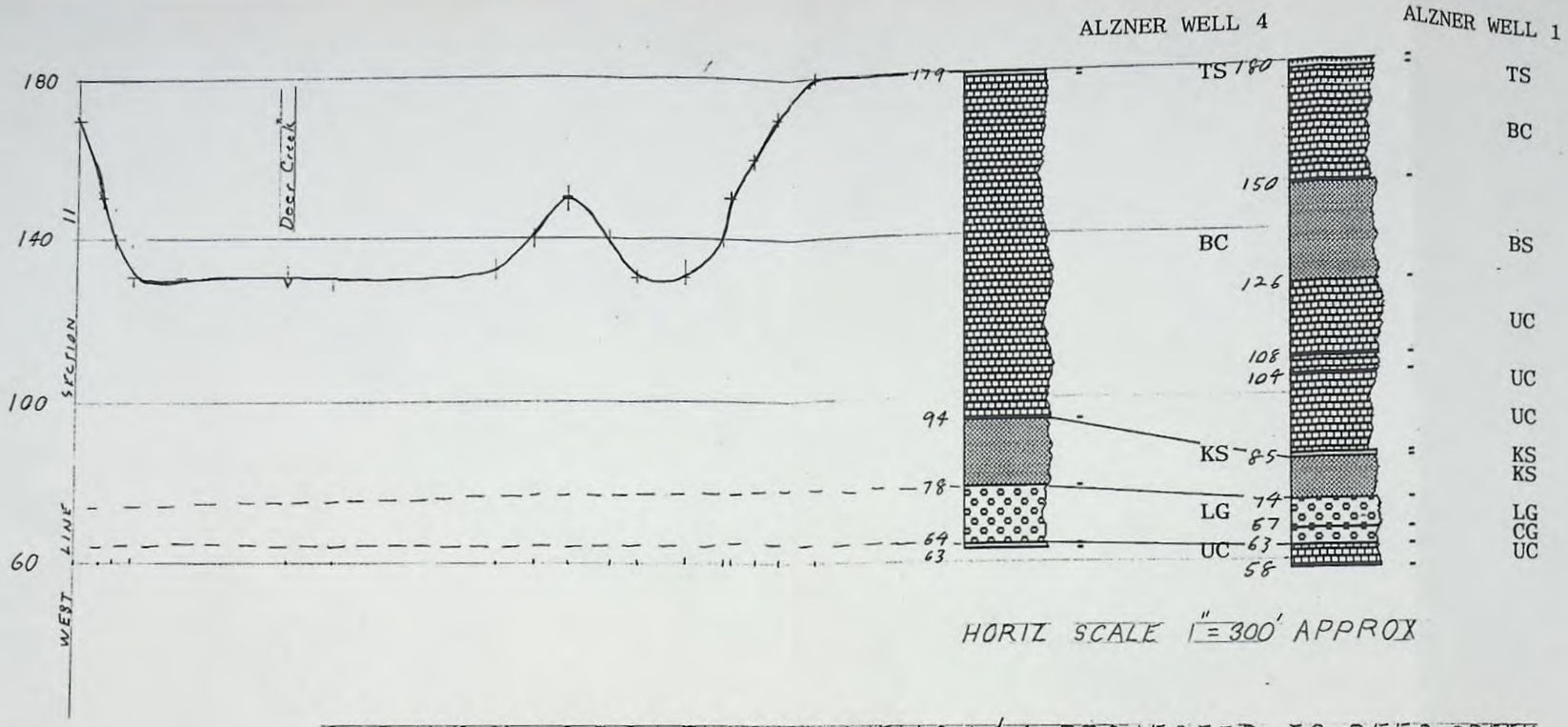
COMPUTATION RESULTS:

AQUIFER TRANSMISSIVITY (GPD/FT)= 4228.27
AQUIFER STORATIVITY (DIM)= 2.626E-05

```
Program: PT11
Author : W.C. Walton
Version:IBM/PC 2.1; Copyright 1987 Lewis Publishers, Inc.
Purpose: SOLVE PUMPING TEST DESIGN AND
         ANALYSIS EQUATIONS

Enter number of equation to be solved
If equation no. is 2.10 then enter 2.01
If equation no. is 3.10 then enter 3.01
If equation no. is 3.20 then enter 3.02
If equation no. is 3.30 then enter 3.03
If equation no. is 3.40 then enter 3.04:? 3.01

DISTANCE FROM PRODUCTION WELL (FT)=? 530
AQUIFER STORATIVITY (DIM)=? .000026
AQUIFER TRANSMISSIVITY (GPD/FT)=? 4230
TIME AFTER PUMPING STARTED (MIN)=? 240

UA= 1.9374E-02    .019

Enter Y for another equation
or N to end program?
```

MAP - showing locations
Well Logs #ed & located





HORIZ SCALE 1" = 300' APPROX

EAST-WEST SECTION THROUGH WELLS 1 & 4, PROJECTED TO DEER CREEK

SURFACE ELEVATIONS FROM USGS WOODBURN 7½ MINUTE QUADRANGLE MAP

SRA
1/21/97

Water Resources Department

MEMO Sept 30, 1996

TO **Application G-** 14305

FROM **GW:** Marc 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

14305

TO: Water Rights Section 9/30, 1990

FROM: Groundwater/Hydrology Section Marc A Norton
Reviewer's Name

SUBJECT: Application G-14305

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE Willamette Basin rules, one or more of the proposed POA's is/~~is not~~ within ¼ ~~foot~~/mile of a surface water source (Deer Creek) 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. X will, or have the potential for substantial interference with the nearest
   b. ___ will not surface water source, namely Deer Creek; 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 from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
   a. ___ will, or likely be available in the amounts requested without injury to prior rights
   b. ___ will not and/or within the capacity of the resource; or
   c. X will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
      i. X The permit should contain condition #(s) 7B, 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 groundwater production from no deeper than_____ft. below land surface;
   b. ___ The permit should allow groundwater production from no shallower than_____ft. below land surface;
   c. ___ The permit should allow groundwater production only from the_____ groundwater reservoir between approximately _____ft. and _____ft. below land surface;
   d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
   e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS:_____

(Well Construction Considerations on Reverse Side)

16

STATE OF OREGON

WATER WELL REPORT

(as required by ORS 537.765)

Mark 17545

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NOV - 4 1991

WATER RESOURCES DEPT.
SALEM, OREGON

4S/1W-11

(START CARD) # 28886

Well Number: #1

(1) OWNER:

Name JEFF ALZNER

Address 8100 SW 71

City TIGARD State OREG. Zip

(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 112 ft.

Explosives used Yes ☐ No ☒ Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
12	0	22	BENTONITE	0	2	2 SACKS
8	22	132				

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

☐ Other POURED

Backfill placed from 112 ft. to 122 ft. Material GRAVEL

Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	8"	+1	107	250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method PULL-BACK

☒ Screens Type Material STAINLESS

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
107	112	40		7"	8"	☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☒ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
20	26		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 WASHINGTON Latitude Longitude

Township 4S N or S. Range 1W E or W. WM.

Section 11 ¼ ¼

Tax Lot 4037500 Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

61 ft. below land surface. Date 10/16/91

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL
~~#3~~	~~#22~~		
106	113		61

(12) WELL LOG:

Ground elevation

Material	From	To	SWL
TOP SOIL	0	2	
SILTY BROWN CLAY	2	30	
FINE BROWN SAND	30	54	
SILTY BLUE CLAY	54	72	
BLUE CLAY	72	76	
BLUE SILTY CLAY	76	95	
BLACK SAND	95	96	
FINE BLACK SAND	96	106	
LOOSE GRAVEL	106	113	
CEMENTED GRAVEL	113	117	61
BLUE CLAY, STICKY	117	122	

Date started 10/2/91 Completed 10/16/91

(unbonded) Water Well Constructor Certification:

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

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

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

WWC Number

Signed Date 10/31/91

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER 9809C 3/8

16.

STATE OF OREGON
WATER WELL REPORT 17597
(as required by ORS 537.765)

Mari

4S/1W/11

(START CARD) # 28557

(1) OWNER: Well Number #2
Name JEFF ALZNER
Address 8100 SW 71
City TIGARD State OREG Zip

(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 114 ft.
Explosives used ☐ Yes ☐ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10	0	20	BENTONITE	0	20	74
6	20	200				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other POURED
Backfill placed from 114 ft. to 200 ft. Material 3/4" - CRUSHED ROCK
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6	+1	103	250	☒	☐	☐	☒
			99		☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method PULL BACK
☒ Screens Type Material STAINLESS

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
103	114	40			5"	☐	☐
99						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☒ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
35	19		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 4S N or S. Range 1W E or W. WM.
Section 11 ¼ ¼
Tax Lot 4037500 Lot Block Subdivision
Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:
53 ft. below land surface. Date 11/20/91
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 101

From	To	Estimated Flow Rate	SWL
101	114	50	53

(12) WELL LOG:
Ground elevation

Material	From	To	SWL
TOP SOIL	0	2	
BROWN SANDY CLAY	2	74	
BLUE CLAY	74	82	
BLACK SAND	82	85	
COURSE SAND	85	91	
BLUE CLAY	91	99	
SAND	99	101	
LOOSE SAND AND GRAVEL	101	114	53
BLUE CLAY	114	200	

Date started 11/16/91 Completed 11/20/91

(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.

WWC Number
Signed Date

(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.

WWC Number 462
Signed Date 11/26/91

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER 9809C 10/

16

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

Mari 17596

4S/1W/11

(START CARD) # 28559

(1) OWNER: Well Number #3
Name JEFF ALZNER
Address 8100 SW 71
City TIGARD State OREG Zip

(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 117 ft.
Explosives used ☐ Yes ☐ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10	0	20	BENTONITE	0	20	17
6	20	150				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☒ Other AUGER
Backfill placed from 117 ft. to 150 ft. Material 3/4" CRUSHED ROCK
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	~~6~~	~~+1~~	~~104~~	~~250"~~	☒	☐	☒	☐
	6	+1	107	250"	☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method PULL BACK
☒ Screens Type Material STAINLESS

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
~~105~~	~~115~~	40			5"	☐	☐
107	117					☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☒ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
40	20		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 4S N or S. Range 1W E or W. WM.
Section 11 ¼ ¼
Tax Lot 40375-00 Lot Block Subdivision
Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:
54 ft. below land surface. Date 11/26/91
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 107

From	To	Estimated Flow Rate	SWL
107	116	50 GPM	54

(12) WELL LOG: Ground elevation

Material	From	To	SWL
TOP SOIL	0	1	
SANDY BROWN CLAY	1	52	
BLUE CLAY	52	60	
SANDY BLUE CLAY	60	102	
COURSE BLACK SAND	102	105	
BLUE CLAY	105	107	
LOOSE SAND AND GRAVEL	107	116	54
BLUE CLAY	116	150	

Date started 11/21/91 Completed 11/26/91

(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.

WWC Number
Signed Date

(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.

WWC Number 462
Signed Date 12/1/91

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER 9809C 10

16

MARI 17620

45/1W/11

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

(START CARD) # 38236

(1) OWNER: Well Number #4
Name JEFF ALZNER
Address 8100 SW 71
City TIGARD State OREG. Zip

(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 116 ft.
Explosives used ☐ Yes ☐ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10	0	22	BENTONITE	0	22	15
6	22	116				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other POURED
Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6	+1	101	250#	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method PULL BACK
☒ Screens Type Material STAINLESS

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
101	116	35			5	☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☒ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.
40	20		1

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 45 N or S. Range 1W E or W. WM
Section 11 ¼ ¼
Tax Lot 40375-00 Lot Block Subdivision
Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:
51 ft. below land surface. Date 11/30/91
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 101

From	To	Estimated Flow Rate	SWL
101	114	60 GPM	51

(12) WELL LOG:
Ground elevation

Material	From	To	SWL
TOP SOIL	0	1	
SANDY BROWN CLAY	1	85	
FINE BLACK SAND	85	101	
LOOSE SAND AND GRAVEL	101	115	51
BLUE CLAY	115	116	

Date started 11/27/91 Completed 11/30/91

(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.

WWC Number
Signed Date

(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.

WWC Number
Signed Date 12/20/91

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER 9809C 10

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE # G-14305

ROUTED TO: W.R

TOWNSHIP/
RANGE-SECTION: 45/1W-11

CONDITIONS ATTACHED? [X] yes [ ] no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Mark Norton

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology Date 9/30/96
FROM: Marc Norton
SUBJECT: Groundwater Application G- 14305

Applicants(s) seek 210 gpm (_____ cfs) from 4 wells in the Willamette basin
Alzner - Nursery Pudding sub basin
Deer sub basin

Pertinent 7 1/2 - minute quads Woodburn _____ _____ _____

Well 1 WRD# MARI 17545 T 4S R 1W S 11 QQ _____ County Marion
Legal Description _____
Well is 1000 ft from UnNamed Trib (river/stream)
Well is 1300 ft from Deer Creek (river/stream)
Well Elevation 180 ft River/Stream elevation 125-135 ft.
Well Elevation - River/Stream elevation 45-55 ft.
Well depth 122 ft SWL 61 ft on 10/16/91
Sealed to 2 ft Depth first water found _____ ft
Cased to 107 ft ~~Perforations~~/screens 107-112 ft
Lined to _____ ft Perforations/screens _____ ft
Well test and types 20 GPM @ 26 ft dd - Bailer Test
(Confined/Semi-confined/Unconfined) Direct hydraulic connection? (YES) / NO
Potential to cause substantial interference? YES

Well 2 WRD# MARI 17597 T 4S R 1W S 11 QQ _____ County Marion
Legal Description _____
Well is 600 ft from UnNamed Trib (river/stream)
Well is 1200 ft from Deer Creek (river/stream)
Well Elevation 185 ft River/Stream elevation 125-150 ft.
Well Elevation - River/Stream elevation 60-35 ft.
Well depth 200 ft SWL 53 ft on 11/20/91
Sealed to 20 ft Depth first water found _____ ft
Cased to 99 ft ~~Perforations~~/screens 99-114 ft
Lined to _____ ft Perforations/screens _____ ft
Well test and types 35 GPM @ 19 ft of dd - Bailer Test
(Confined/Semi-confined/Unconfined) Direct hydraulic connection? (YES) / NO
Potential to cause substantial interference? YES

Conditioned water rights in area: _____
Other nearby water rights of record: _____
Density of nearby wells: _____

Comments: _____

References Used: _____

WATER RESOURCES DEPARTMENT MEMORANDUM PAGE 2

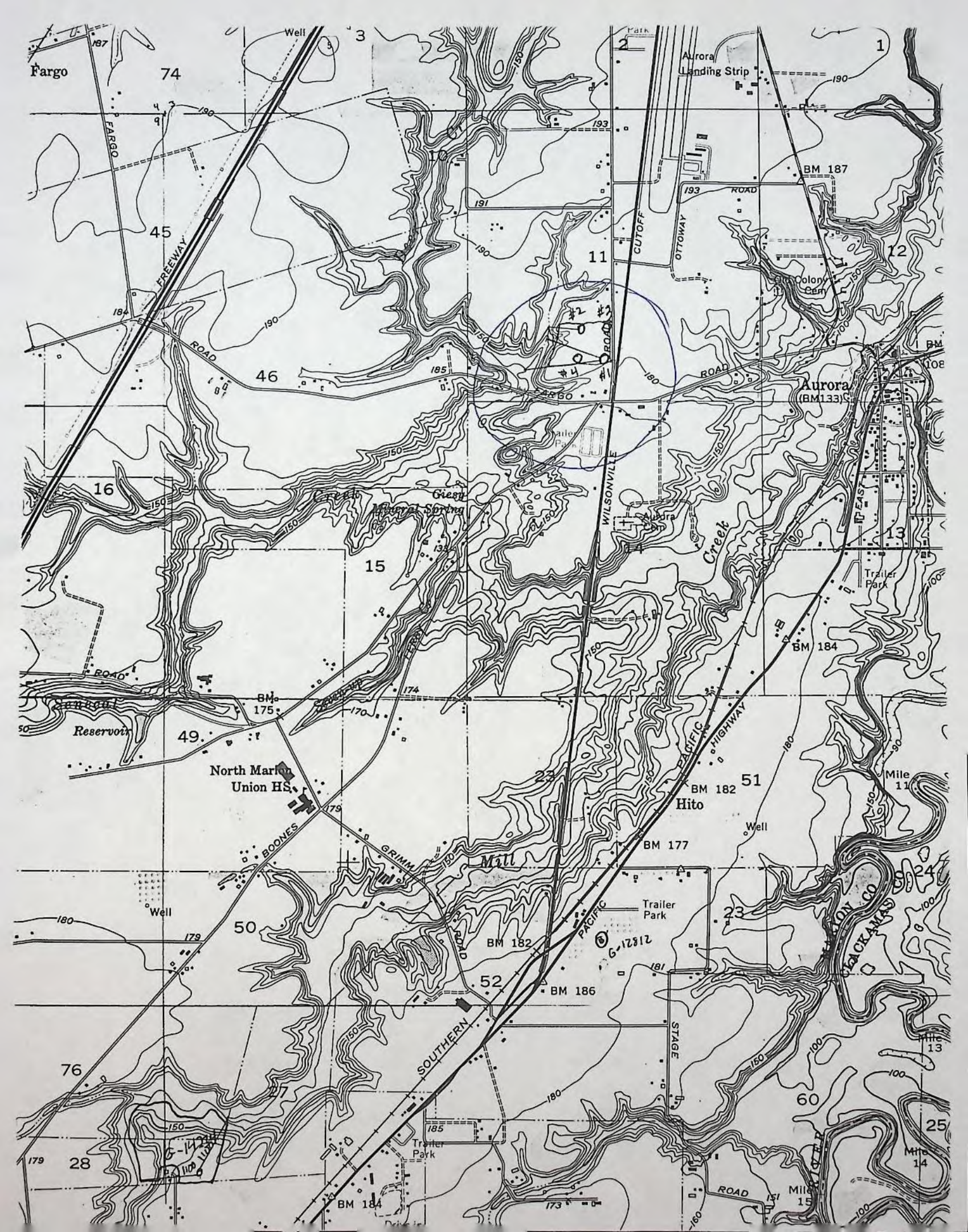
SUBJECT: Groundwater Application G- 14305 Date 9/30/96

Well 3 WRD# MAR1 17596 T 4S R 1W S 11 QQ ____ County Marion
Legal Description ____
Well is 1000 ft from Un Named Trib (river/stream)
Well is 1600 ft from Deer Creek (river/stream)
Well Elevation 185 ft River/Stream elevation 125-150 ft.
Well Elevation - River/Stream elevation ~~125-150~~ 60-35 ft.
Well depth 150 ft SWL 54 ft on 11/26/91
Sealed to 20 ft Depth first water found 107 ft
Cased to 107 ft ~~Perforations~~/screens 107-117 ft
Lined to ____ ft Perforations/screens ____ ft
Well test and types 40 GPM @ 20 ft of dd - Bailer Test
(Confined/Semi-confined/Unconfined) Direct hydraulic connection? (YES) / NO
Potential to cause substantial interference? YES

Well 4 WRD# MAR1 17620 T 4S R 1W S 11 QQ ____ County Marion
Legal Description ____
Well is 650 ft from Un Named Trib (river/stream)
Well is 900 ft from Deer Creek (river/stream)
Well Elevation 185 ft River/Stream elevation 125-130 ft.
Well Elevation - River/Stream elevation 55-60 ft.
Well depth 116 ft SWL 51 ft on 11/30/91
Sealed to 22 ft Depth first water found 101 ft
Cased to 101 ft ~~Perforations~~/screens 106-116 ft
Lined to ____ ft Perforations/screens ____ ft
Well test and types 40 GPM @ 20 ft of dd - Bailer Test
(Confined/~~Semi-confined~~/Unconfined) Direct hydraulic connection? (YES) / NO
Potential to cause substantial interference? YES

Well ____ WRD# ____ T ____ R ____ S ____ QQ ____ County ____
Legal Description ____
Well is ____ ft from ____ (river/stream)
Well is ____ ft from ____ (river/stream)
Well Elevation ____ ft River/Stream elevation ____ ft.
Well Elevation - River/Stream elevation ____ ft.
Well depth ____ ft SWL ____ ft on ____
Sealed to ____ ft Depth first water found ____ ft
Cased to ____ ft Perforations/screens ____ ft
Lined to ____ ft Perforations/screens ____ ft
Well test and types ____
(Confined/Semi-confined/Unconfined) Direct hydraulic connection? YES / NO
Potential to cause substantial interference? ____

Comments: ____


Fargo
Well
Aurora Landing Strip
BM 187
FREEWAY
CUTOFF
OTTOWAY
ROAD
Old Colony Cem
Aurora (BM133)
FARGO
Trailer Park
WILSONVILLE
EAST
Creek
Giesy Mineral Spring
Aurora Cem
BM 184
Sunnyside Reservoir
BM 175
North Marion Union HS
BOONES
GRIMM
Mill
PACIFIC HIGHWAY
BM 182
Hito
BM 177
Mile 11
CLACKAMAS CO
SOUTHERN
STAGE
BM 186
Mile 13
Mile 14
Mile 15
RIVER
BM 184
Trailer Park

County: Marion

Quad name & #: Woodburn 271
Sherwood 216

REVIEW CHECKLIST

FOR G- 14305

✓ Appropriate parts of the stream index

✓ Estimated number of wells within a one-mile radius & identified types.

✓ State Observation wells within a five-mile radius.

___ Verify that well log is in file. If not provide one. ✓

✓ List groundwater permits within a five-mile radius with extraordinary conditions.

Number of wells: 4

Well location: 4S/1W/11 CD, 4S/1W/11 CD, 4S/1W/11CA 4S/1W/11 CD

APPLICATIONS WITH PERMIT CONDITIONS:

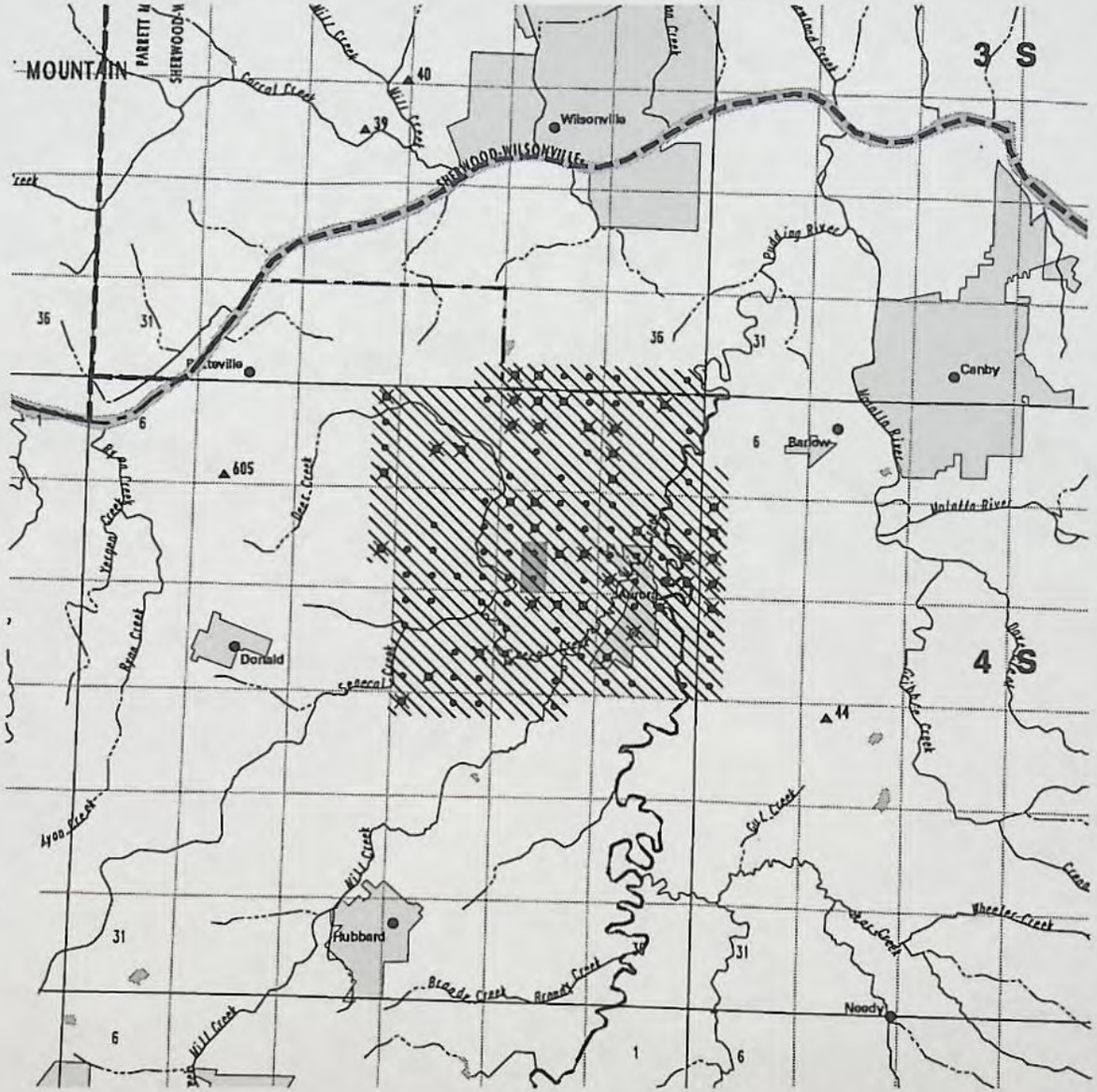
G 13435
11982
13356
12596
13692
13693
13193
13862
72141
13265
13463
13854
12423
12526
13837

G 13325
13381
13469
13144
12475
13166
13505
13872
13635
13230

RVSD.RVW

Wells in the vicinity of application G 14305

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



WELLS WITHIN 1 MILE OF G 14305

DO	107
ID	16
IM	5
IR	53
MO	44
MU	5

PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 14305

	PERMIT	T/R/S/QQ	USE	RATE	UNITS
GR	2172	3.00S 1.00W35SWSW	IR	0.6696	C
G	8690	3.00S 1.00W35SESW	IR	0.9800	C
G	2669	4.00S 1.00W 4NENE	IR	0.5500	C
GR	757	4.00S 1.00W 2NWNW	IR	1.1161	C
G	6303	4.00S 1.00W 2NENW	IR	0.0200	C
G	10532	4.00S 1.00W 2NENW	IR	0.2100	C
G	10689	4.00S 1.00W 2NENW	NU	1.0000	C
G	3380	4.00S 1.00W 2NWNE	IR	0.1700	C
G	11809	4.00S 1.00W 1NWNE	IR	0.6540	C
G	5341	4.00S 1.00W 2SWNW	IR	0.6600	C
G	10389	4.00S 1.00W 2SENW	IR	0.0804	C
G	10389	4.00S 1.00W 2SENW	NU	0.6696	C
G	10532	4.00S 1.00W 2SENW	IR	0.1800	C
GR	910	4.00S 1.00W 2SENE	IR	0.1339	C
G	10203	4.00S 1.00W 1SWNW	IR	1.0491	C
G	9394	4.00S 1.00W 3NESW	IC	1.1400	C
GR	1817	4.00S 1.00W 3NWSE	IR	0.8036	C
G	2666	4.00S 1.00W 1NWSW	IR	0.5400	C
G	9444	4.00S 1.00W 4SESE	IR	0.4400	C
G	11653	4.00S 1.00W 1SWSW	IR	0.7232	C
G	10177	4.00S 1.00W11NWNW	IR	0.1900	C
G	1531	4.00S 1.00W11NENW	IR	0.0500	C
GR	1979	4.00S 1.00W11NENW	IR	0.2232	C
G	5651	4.00S 1.00W11SENW	DI	0.6000	C
G	7435	4.00S 1.00W11SENW	IR	0.2800	C
G	4830	4.00S 1.00W12SENW	IR	0.0700	C
G	11856	4.00S 1.00W 9NESE	CM	1.0000	C
G	223	4.00S 1.00W11NWSE	IR	0.3200	C
G	6413	4.00S 1.00W11NWSE	IR	0.0100	C
G	7491	4.00S 1.00W11NWSE	IR	0.0650	C
G	6413	4.00S 1.00W11NESE	IR	0.4700	C
G	7491	4.00S 1.00W11NESE	IR	0.0650	C
G	6505	4.00S 1.00W12NESE	IR	0.1400	C
G	6505	4.00S 1.00W12NESE	IS	0.2200	C
G	3365	4.00S 1.00W12SWSW	IR	0.0600	C
G	10458	4.00S 1.00W12SWSW	MU	0.1116	C
GR	3949	4.00S 1.00W12SWSW	IR	0.2009	C
G	6502	4.00S 1.00W12SESE	IR	0.1000	C
G	6502	4.00S 1.00W12SESE	IS	0.2200	C
G	7426	4.00S 1.00W14NENW	IR	0.0700	C
GR	1934	4.00S 1.00W14NWNE	IR	0.5357	C
GR	366	4.00S 1.00W14NENE	IR	0.6652	C
GR	634	4.00S 1.00W13NWNE	MU	0.4464	C
G	3526	4.00S 1.00W13SENW	MU	0.5000	C
G	9890	4.00S 1.00W13SENW	MU	0.7800	C
GR	1689	4.00S 1.00W15NESE	IR	0.2455	C
G	9863	4.00S 1.00W13NWSW	IR	0.0500	C
G	11247	4.00S 1.00W13NWSW	NU	1.1161	C
GR	167	4.00S 1.00W15SESW	IR	0.7143	C
GR	1125	4.00S 1.00W22NWNW	IR	0.4464	C
GR	2633	4.00S 1.00W22NWNW	IR	0.0893	C
GR	3036	4.00S 1.00E 7NWNW	IR	0.4464	C
GR	3035	4.00S 1.00E 7SWNW	IR	0.2009	C
G	6503	4.00S 1.00E 7NWSW	IR	0.4000	C
G	6504	4.00S 1.00E 7NWSW	IR	0.0100	C

G	6611	4.00S 1.00E 7SWSW	IS	0.3800 C
G	6507	4.00S 1.00E18NWNW	IR	0.3800 C

ESTES SURVEYS, LLC

SURVEYS
CONSULTING

LAND & WATER RIGHTS
Bruce A. Estes, PLS, CWRE

60382 Arnold Rd.
Bend, OR 97702
(541) 382-7391
FAX 382-7391

PO Box 17519
Salem, OR 97305-7519
(503) 585-7593
FAX 585-7593

March 29, 2000

Craig Kohanek, Well Specialist
Water Resources Department
158 12th Street NE
Salem, OR 97310-0210

Dear Craig:

Re: G-14305

Enclosed is the March static water level report for Jeff Alzner's permit G-13257. Please let me know if I missed anything.

Sincerely,

Bruce

Bruce A. Estes, PLS, CWRE

enclosure

cc Jeff Alzner

Oregon Water Resources Department
PERMIT CONDITION WATER-LEVEL REPORTING FORM

RE: Required Water Level Report for a Well on Permit **G 13257** Certificate **0** Pod **1** Application **G 14305**

Listed on water right as: WELL 1 Well log ID (if any, in our records): **MARI 17545** Priority date: 5/7/1996
Well location: In the SE quarter of the SW quarter of Section 11, Township 4S, Range 1W
880 FEET NORTH & 80 FEET WEST FROM S1/4 CORNER, SECTION 11

JEFF R ALZNER
8100 SW 71ST AVE
PORTLAND OR 97223

Our records indicate that you are the holder of a groundwater permit that requires that you periodically measure and report static water levels in your well(s). If you are no longer the holder of this permit or no longer have an interest in it, please contact our department. **Consult your permit to determine the required times for measuring and reporting, as well as any requirements regarding who may make the measurements.** We recommend that you keep a copy of all measurement reports for your records. All measurements should be made to at least the nearest tenth of a foot or the nearest inch (e.g. 10.2 feet or 10 feet 3 inches). **All wells that have been constructed must be measured regardless of whether they are being used, in accordance with your permit.**

MEASUREMENT REPORT
(Complete one form for each well)

Well Identification (provide as much of the following information as possible):
Well not yet drilled as of date: _____
Original owner on well log: Jeff Alzner
Well ID # (on tag attached to casing): L _____ Startcard number (if listed on well log): 28886
Well depth: 122 Casing diameter: 8" Date drilled: Oct, 1991
Owner's well name: Jeff Alzner Drilled by: Keller Well Drilling

When did water use begin under this permit from this well? Date: Month/Yr May 2001
Show all water rights listing this well:
Application number(s): G-14305
Permit number(s): G-13257
Certificate number(s): _____

Measurement Details: **Date of measurement:** March 16, 2001
Description of measuring point (e.g. 1 1/4" port pipe on north side): pipe plug at top of casing

Static water level **above** / **below** (circle one) measuring point: 49' 2" feet, or airline pressure _____ psi
Measuring point distance **above** / **below** (circle one) land surface: 1' 0" feet, or airline length _____ feet
Static water level **above** / **below** (circle one) land surface: 48' 2" feet
Shut-in pressure (if flowing artesian well): NA psi
Method of measurement: E-tape X Airline ____ Other(specify): _____
Water-level status when measured: Static X Pumping ____ Rising ____ Flowing ____ Other _____
Length of time well was idle before measurement: all winter
Comments (use back or extra sheet if necessary): _____

RECEIVED
MAR 20 2002
WATER RESOURCES DEPT.
SALEM, OREGON

I hereby certify that, to the best of my ability, the information on this report is accurate and, at the time of measurement, representative of the static water level in the aquifer.
Person making measurement (print): Bruce A. Estes
Signature of measurer: Bruce A. Estes
Company: Estes Surveys, LLC PO Box 17519, Salem, OR 97305-7519
License number (CWRE, RG, PE, WWC, Pump Installer): CWRE #1
Daytime phone number: 503 585-7593 Email address: EstesSurveys@msn.com

If you have any questions about this notice, please call the Ground Water/Hydrology Section of the Department at 503- 378-8455 ext. 267.
Return this Form to: OWRD, Ground Water/Hydrology Section, 158 12th St. NE, Salem, OR 97310-4172.

Additional forms can be obtained from our web sit at: http://www.wrd.state.or.us OWRD 02/08/2002 GW/KCW

Water Level Data on File at OWRD for this well (last 3 measurements only, most recent date on top) :

DATE	STATUS	METHOD	MP Height	WL BLS	MEASURED_BY	COMMENTS
03/31/2001	STATIC	RECORDER SHAFT ENC	2.00	49.32	DOUG WOODCOCK	UNUSED; WILL RECORDER WELL
03/31/2000	STATIC	RECORDER SHAFT ENC	2.00	43.90	DOUG WOODCOCK	UNUSED; WILL RECORDER WELL
03/17/1999	STATIC	ETAPE	2.00	41.04	BRUCE ESTES	UNUSED; WILL RECORDER WELL

Oregon Water Resources Department
PERMIT CONDITION WATER-LEVEL REPORTING FORM

RE: Required Water Level Report for a Well on Permit **G 13257** Certificate **0** Pod **2** Application **G 14305**

Listed on water right as: WELL 2 Well log ID (if any, in our records): **MARI 17597** Priority date: 5/7/1996
Well location: In the NE quarter of the SW quarter of Section 11, Township 4S, Range 1W
1440 FEET NORTH & 690 FEET WEST FROM S1/4 CORNER, SECTION 11

JEFF R ALZNER
8100 SW 71ST AVE
PORTLAND OR 97223

Our records indicate that you are the holder of a groundwater permit that requires that you periodically measure and report static water levels in your well(s). If you are no longer the holder of this permit or no longer have an interest in it, please contact our department. **Consult your permit to determine the required times for measuring and reporting, as well as any requirements regarding who may make the measurements.** We recommend that you keep a copy of all measurement reports for your records. All measurements should be made to at least the nearest tenth of a foot or the nearest inch (e.g. 10.2 feet or 10 feet 3 inches). **All wells that have been constructed must be measured regardless of whether they are being used, in accordance with your permit.**

MEASUREMENT REPORT
(Complete one form for each well)

Well Identification (provide as much of the following information as possible):
Well not yet drilled as of date: _____
Original owner on well log: Jeff Alzner
Well ID # (on tag attached to casing): L _____ Startcard number (if listed on well log): 28557
Well depth: 200 Casing diameter: 6" Date drilled: Nov, 1991
Owner's well name: Jeff Alzner Drilled by: Keller Well Drilling

When did water use begin under this permit from this well? Date: Month/Yr May 2001
Show all water rights listing this well:
Application number(s): G-14305
Permit number(s): G-13257
Certificate number(s): _____

Measurement Details: **Date of measurement:** March 16, 2001
Description of measuring point (e.g. 1 1/4" port pipe on north side): pipe plug in well cap

RECEIVED
MAR 20 2002
WATER RESOURCES DEPT.
SALEM, OREGON

Static water level **above** / **below** (circle one) measuring point: 50' 9 3/4" feet, or airline pressure _____ psi
Measuring point distance **above** / **below** (circle one) land surface: 1' 3" feet, or airline length _____ feet
Static water level **above** / **below** (circle one) land surface: 49' 6 3/4" feet
Shut-in pressure (if flowing artesian well): NA
Method of measurement: E-tape X Airline ____ Other(specify): _____
Water-level status when measured: Static X Pumping ____ Rising ____ Flowing ____ Other _____
Length of time well was idle before measurement: all winter
Comments (use back or extra sheet if necessary): _____

I hereby certify that, to the best of my ability, the information on this report is accurate and, at the time of measurement, representative of the static water level in the aquifer.
Person making measurement (print): Bruce A. Estes
Signature of measurer: Bruce A. Estes
Company: Estes Surveys, LLC
License number (CWRE, RG, PE, WWC, Pump Installer): CWRE #1
Daytime phone number: _____ Email address: _____

If you have any questions about this notice, please call the Ground Water/Hydrology Section of the Department at 503- 378-8455 ext. 267.
Return this Form to: OWRD, Ground Water/Hydrology Section, 158 12th St. NE, Salem, OR 97310-4172.

Additional forms can be obtained from our web sit at: http://www.wrd.state.or.us OWRD 02/08/2002 GW/KCW

Water Level Data on File at OWRD for this well (last 3 measurements only, most recent date on top) :

DATE	STATUS	METHOD	MP Height	WL BLS	MEASURED BY	COMMENTS
03/22/2001	STATIC	ETAPE	1.25	49.75	BRUCE ESTES	IDLE SINCE DRILLED
03/07/2000	STATIC	ETAPE	1.25	40.00	BRUCE ESTES	IDLE ALL WINTER
02/17/1999	STATIC	ETAPE	1.50	41.08	BRUCE ESTES	IDLE ALL WINTER

Oregon Water Resources Department
PERMIT CONDITION WATER-LEVEL REPORTING FORM

RE: Required Water Level Report for a Well on Permit **G 13257** Certificate **0** Pod **3** Application **G 14305**

Listed on water right as: WELL 3 Well log ID (if any, in our records): **MARI 17596** Priority date: 5/7/1996
Well location: In the NE quarter of the SW quarter of Section 11, Township 4S, Range 1W
1410 FEET NORTH & 60 FEET WEST FROM S1/4 CORNER, SECTION 11

JEFF R ALZNER
8100 SW 71ST AVE
PORTLAND OR 97223

Our records indicate that you are the holder of a groundwater permit that requires that you periodically measure and report static water levels in your well(s). If you are no longer the holder of this permit or no longer have an interest in it, please contact our department. **Consult your permit to determine the required times for measuring and reporting, as well as any requirements regarding who may make the measurements.** We recommend that you keep a copy of all measurement reports for your records. All measurements should be made to at least the nearest tenth of a foot or the nearest inch (e.g. 10.2 feet or 10 feet 3 inches). **All wells that have been constructed must be measured regardless of whether they are being used, in accordance with your permit.**

MEASUREMENT REPORT
(Complete one form for each well)

Well Identification (provide as much of the following information as possible):
Well not yet drilled as of date: _____
Original owner on well log: Jeff Alzner
Well ID # (on tag attached to casing): L _____ Startcard number (if listed on well log): 28559
Well depth: 150 Casing diameter: 6" Date drilled: Nov, 1991
Owner's well name: Jeff Alzner Drilled by: Keller Well Drilling

When did water use begin under this permit from this well? Date: Month/Yr May, 2001
Show all water rights listing this well:
Application number(s): G-14305
Permit number(s): G-13257
Certificate number(s): _____

Measurement Details: **Date of measurement:** March 16, 2002
Description of measuring point (e.g. 1 1/4" port pipe on north side): pipe plug in well cap

RECEIVED
MAR 20 2002
WATER RESOURCES DEPT.
SALEM, OREGON

Static water level **above** / **below** (circle one) measuring point: 50' feet, or airline pressure _____ psi
Measuring point distance **above** / **below** (circle one) land surface: 2' 0" feet, or airline length _____ feet
Static water level **above** / **below** (circle one) land surface: 48' 0" feet
Shut-in pressure (if flowing artesian well): NA psi
Method of measurement: E-tape X Airline _____ Other(specify): _____
Water-level status when measured: Static X Pumping _____ Rising _____ Flowing _____ Other _____
Length of time well was idle before measurement: all winter
Comments (use back or extra sheet if necessary): _____

I hereby certify that, to the best of my ability, the information on this report is accurate and, at the time of measurement, representative of the static water level in the aquifer.

Person making measurement (print): Bruce A. Estes
Signature of measurer: Bruce A. Estes
Company: Estes Surveys, LLC
License number (CWRE, RG, PE, WWC, Pump Installer): CWRE #1
Daytime phone number: 503 585-7593 Email address: _____

If you have any questions about this notice, please call the Ground Water/Hydrology Section of the Department at 503- 378-8455 ext. 267.
Return this Form to: OWRD, Ground Water/Hydrology Section, 158 12th St. NE, Salem, OR 97310-4172.

Additional forms can be obtained from our web sit at: http://www.wrd.state.or.us OWRD 02/08/2002 GW/KCW

Water Level Data on File at OWRD for this well (last 3 measurements only, most recent date on top) :

DATE	STATUS	METHOD	MP Height	WL BLS	MEASURED_BY	COMMENTS
03/22/2001	STATIC	ETAPE	2.00	49.58	BRUCE ESTES	IDLE ALL WINTER
03/07/2000	STATIC	ETAPE	2.00	43.97	BRUCE ESTES	IDLE ALL WINTER
03/17/1999	STATIC	ETAPE	1.25	42.33	BRUCE ESTES	IDLE ALL WINTER

585

Oregon Water Resources Department
PERMIT CONDITION WATER-LEVEL REPORTING FORM

RE: Required Water Level Report for a Well on Permit **G 13257** Certificate **0** Pod **4** Application **G 14305**

Listed on water right as: WELL 4 Well log ID (if any, in our records): **MARI 17620** Priority date: 5/7/1996
Well location: In the SE quarter of the SW quarter of Section 11, Township 4S, Range 1W
940 FEET NORTH & 750 FEET WEST FROM S1/4 CORNER, SECTION 11

JEFF R ALZNER
8100 SW 71ST AVE
PORTLAND OR 97223

Our records indicate that you are the holder of a groundwater permit that requires that you periodically measure and report static water levels in your well(s). If you are no longer the holder of this permit or no longer have an interest in it, please contact our department. **Consult your permit to determine the required times for measuring and reporting, as well as any requirements regarding who may make the measurements.** We recommend that you keep a copy of all measurement reports for your records. All measurements should be made to at least the nearest tenth of a foot or the nearest inch (e.g. 10.2 feet or 10 feet 3 inches). **All wells that have been constructed must be measured regardless of whether they are being used, in accordance with your permit.**

MEASUREMENT REPORT
(Complete one form for each well)

Well Identification (provide as much of the following information as possible):
Well not yet drilled as of date: _____
Original owner on well log: Jeff Alzner
Well ID # (on tag attached to casing): L _____ Startcard number (if listed on well log): 38236
Well depth: 116' Casing diameter: 6" Date drilled: Nov, 1991
Owner's well name: Jeff Alzner Drilled by: Keller Well Drilling

When did water use begin under this permit from this well? Date: Month/Yr May 2001
Show all water rights listing this well:
Application number(s): G-14305
Permit number(s): G-13257
Certificate number(s): NA

Measurement Details: **Date of measurement:** March 16, 2002
Description of measuring point (e.g. 1 1/4" port pipe on north side): pipe plug in well cap

RECEIVED
MAR 20 2002
WATER RESOURCES DEPT
SALEM, OREGON

Static water level **above** / **(below)** (circle one) measuring point: 49' ¼" feet, or airline pressure _____ psi
Measuring point distance **(above)** / **below** (circle one) land surface: 1' 6" feet, or airline length _____ feet
Static water level **above** / **(below)** (circle one) land surface: 47' 6¼" feet
Shut-in pressure (if flowing artesian well): NA psi
Method of measurement: E-tape X Airline ____ Other(specify): _____
Water-level status when measured: Static X Pumping ____ Rising ____ Flowing ____ Other _____
Length of time well was idle before measurement: all winter
Comments (use back or extra sheet if necessary): _____

I hereby certify that, to the best of my ability, the information on this report is accurate and, at the time of measurement, representative of the static water level in the aquifer.
Person making measurement (print): Bruce A. Estes
Signature of measurer: Bruce A. Estes
Company: Estes Surveys, LLC
License number (CWRE, RG, PE, WWC, Pump Installer): CWRE #1
Daytime phone number: 503 585-7593 Email address: EstesSurveys@msn.com

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Water Level Data on File at OWRD for this well (last 3 measurements only, most recent date on top) :

DATE	STATUS	METHOD	MP Height	WL BLS	MEASURED_BY	COMMENTS
03/22/2001	STATIC	ETAPE	1.50	48.71	BRUCE ESTES	IDLE SISNCE 1991
03/07/2000	STATIC	ETAPE	1.50	43.92	BRUCE ESTES	IDLE ALL WINTER
03/14/1998	STATIC	ETAPE	1.00	42.66	BRUCE ESTES	IDLE ALL WINTER

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-14305

$32.00
Permit
Recording
Fees

RECEIVED
OCT 27 1997
WATER RESOURCES DEPT.
SALEM, OREGON

ıal Order

ER submitted an application to the
permit. The Department issued a
5, 1997. The protest period closed
otest was filed.

pair or be detrimental to the public

Order

Upon payment of outstanding permit recording fees, Application G-14305 shall be approved as proposed by the Proposed Final Order and as provided on the attached draft permit.

Permit recording fees are required in the amount of $ 32.00. Said fees are due and payable no later than 60 days from the date of this Final Order. Failure to pay the required permit recording fees within 60 days from the date of this Final Order will result in the proposed rejection of Application G-14305.

DATED October 17, 1997

Martha O. Pagel
Director

PLACED IN U.S. MAIL
OCT 21 1997
OREGON WATER RESOURCES DEPT.

Appeal Rights

No changes have been made to the findings of the Proposed Final Order and no protests were filed during the protest period following the Proposed Final Order, therefore, there is no opportunity for appeal or judicial review of this final order (690-310-160(5)).

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-14305

Final Order

Application History

On May 7, 1996, JEFF R ALZNER submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on August 5, 1997. The protest period closed September 19, 1997, and no protest was filed.

The proposed use would not impair or be detrimental to the public interest.

Order

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Oregon Water Resources Department
Water Rights Division

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STATE OF OREGON

COUNTY OF MARION

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

JEFF R. ALZNER
8100 SW 71ST AVE.
PORTLAND, OREGON 97223

PHONE: (503) 245-8501

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-14305

SOURCE OF WATER: FOUR WELLS, IN THE PUDDING RIVER BASIN

PURPOSE OR USE: IRRIGATION AND AGRICULTURAL USE FOR NURSERY OPERATIONS ON 15.4 ACRES

MAXIMUM RATE: 0.469 CUBIC FOOT PER SECOND (CFS), BEING 0.067 CFS FROM WELL 1, 0.134 CFS FROM WELL 2, 0.134 CFS FROM WELL 3, AND 0.134 CFS FROM WELL 4; FURTHER LIMITED TO NO MORE THAN 0.385 CFS FOR IRRIGATION USE

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31 FOR IRRIGATION AND YEAR ROUND FOR AGRICULTURAL USE

DATE OF PRIORITY: MAY 7, 1996

POINT OF DIVERSION LOCATION: NE 1/4 SW 1/4, SE 1/4 SW 1/4, SECTION 11, T4S, R1W, W.M.; WELL 1 - 880 FEET NORTH & 80 FEET WEST, WELL 2 - 1440 FEET NORTH & 690 FEET WEST, WELL 3 - 1410 FEET NORTH & 60 FEET WEST, AND WELL 4 - 940 FEET NORTH & 750 FEET WEST ALL FROM S1/4 CORNER, SECTION 11

The amount of water used for NURSERY OPERATIONS is limited to a diversion of 0.15 cubic foot per second per acre. For the irrigation of **containerized nursery plants**, the amount of water diverted is limited to ONE-FORTIETH of one cubic foot per second (or its equivalent) and 5.0 acre feet per acre per year. For the irrigation of **in ground nursery plants** the amount of water diverted is limited to ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre feet per acre per year. The use of water for NURSERY OPERATIONS may be made at anytime of the year that the use is beneficial. For the irrigation of **any other crop**, the amount of water diverted is limited to ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre feet per acre during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE 1/4 SW 1/4 3.3 ACRES
SE 1/4 SW 1/4 12.1 ACRES
SECTION 11
TOWNSHIP 4 SOUTH, RANGE 1 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.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements

beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

(A) Identify each well with its associated measurement; and
(B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
(C) Specify the method used to obtain each well measurement; and
(D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

(A) An average water level decline of three or more feet per year for five consecutive years; or
(B) A water level decline of 15 or more feet in fewer than five consecutive years; or
(C) A water level decline of 25 or more feet; or
(D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

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. Complete application of the water to the use shall be made on or before October 1, 2001.

Issued _____, 199_

DRAFT - THIS IS NOT A PERMIT

_____
Martha O. Pagel, Director
Water Resources Department

FO CHECKLIST

FILE # 14305

WEEK # 106 ✓

PFO TO FO CONVERSION

REVIEW DATE: 10 / 3 / 97

INITIALS : DB

In preparing the FO, you should check the following:

1. Y / (N) Were comments or protests received? If so, **from whom** and **when**?
2. ✓ On the PFO CC list, verify names and addresses of **ALL** commentors (regardless of comment date), **affected landowners**, and **those who paid the $10 fee.**
3. Y / N / (NA) If for Surface water, Have affected landowners been notified?
4. Y / (N) Is the file lacking a signed oath of accuracy for the application?
5. Y / N / (NA) Has ODFW asked for self certification of screening condition? If so, write "ODFW CERT" in the permit blank on the front of the file.
6. Y / (N) Is water use prohibited for one or more months of the normal use period?
7. Y / ~~N~~ If # 6 = "Y", is short season letter on file? Note: If short season letter is lacking, see Item #10 below. Give applicant 60 days to submit required information.
8. #32 Verify payment of recording fees (*circle the appropriate option*)
   (1) Issue FO w/permit if fees are paid -- Prepare refund request for excess fees, **including standing fees if no protest is filed and no modifications are being made to the PFO**
   (2) Issue FO w/o permit if fees are lacking

   IRR 16Ac AG
   100 100
   12
   #112
   +100
   212
   -180
   32
9. (Y) / N Is further processing possible? If not state reason: _____
10. ✓ Notify applicant of additional information or fees required prior to permit issuance. (**SEND CERTIFIED LETTER** & use standard wording from M:\...\FO\TOOLS if possible)
11. ✓ Assign permit numbers to files with oath, fees, and no protests or other issues
12. Y / N Do the PFO conclusions requires modification? Why?_____
    (If YES, circle FOMOD and one other type below)

FO Type: (circle types) DENIAL (FO w/o PERMIT) FO & PERMIT FOMOD

COMMENTS: Fee	MGMT CODES: 7B, 7C

Modify FO as needed to:

Initials DB

13. ✓ Respond to significant comments, issues, or disputes related to the proposed use of water (see notes, if any, listed above)
14. ✓ Include or exclude permit conditions and management codes
15. ✓ Correct PFO errors (such as POD or POU location (verify from map), Permit format)

Once FO document is completed:

16. ✓ Save WordPerfect document in M:\...\FO\WEEK 106 & delete duplicates
17. ✓ Print final draft of document and submit to team leader for review
18. Y / N Team leader review completed

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-14305

Proposed Final Order

Summary of Recommendation: The Department recommends that the attached draft permit be issued with conditions.

Application History

On May 7, 1996, JEFF R. ALZNER submitted an application to the Department for the following water use permit:

- Amount of Water: 210.0 GALLONS PER MINUTE (GPM), BEING 30.0 GPM FROM WELL 1, 60.0 GPM FROM WELL 2, 60.0 GPM FROM WELL 3 AND 60.0 GPM FROM WELL 4
- Use of Water: NURSERY OPERATIONS ON 15.4 ACRES
- Source of Water: FOUR WELLS IN THE PUDDING RIVER BASIN
- Area of Proposed Use: MARION County within SECTION 11, TOWNSHIP 4 SOUTH, RANGE 1 WEST, W.M.

On 10/17/96, the Department mailed the applicant notice of its Initial Review, determining that the use of 0.468 CFS of water from 4 wells for Nursery Operations is not allowed. The applicant did not notify the Department to stop processing the application within 14 days of that date.

On 11/5/96, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about both obtaining future notices and a copy of the proposed final order.

Within 30 days of the Department's public notice, written comments were received from Bruce Estes, Certified Water Rights Examiner for the applicant.

In reviewing applications, the Department may consider any relevant sources of information, including the following:
- comments by or consultation with another state agency
- any applicable basin program
- any applicable comprehensive plan or zoning ordinance
- the amount of water available
- the rate and duty for the proposed use

- pending senior applications and existing water rights of record
- designations of any critical groundwater areas
- the Scenic Waterway requirements of ORS 390.835
- applicable statutes, administrative rules, and case law
- any general basin-wide standard for flow rate and duty of water allowed
- the need for a flow rate and duty higher than the general standard
- any comments received

Findings of Fact

The Willamette Basin Program allows the following uses: IRRIGATION AND AGRICULTURAL USE FOR NURSERY OPERATIONS ON 15.4 ACRES.

The findings of the Initial Review require modification. In a review, completed on September 30, 1996, the Department determined, based upon OAR 690-09, that the proposed groundwater use **would** have the potential for substantial interference with the nearest surface water source, namely Deer Creek. However, based upon additional information submitted by the applicant, on January 28, 1997, the Department has revised its findings under OAR 690-09.

The Department determined, on July 15, 1997, based upon OAR 690-09, that the proposed groundwater use **will not** have the potential for substantial interference with the nearest surface water source.

Senior water rights exist on FOUR WELLS, IN THE PUDDING RIVER BASIN, or on downstream waters.

FOUR WELLS, IN THE PUDDING RIVER BASIN, are not within or above a State Scenic Waterway.

Water is available for further appropriation for the period MARCH 1 THROUGH OCTOBER 31 FOR IRRIGATION AND YEAR ROUND FOR AGRICULTURAL USE.

The Department finds that no more than 0.385 CUBIC FOOT PER SECOND (CFS) (173.0 GPM) would be necessary for Irrigation and that no more than 2.31 CFS (1037.0 GPM) would be necessary for Agricultural Use for Nursery Operations of 15.4 acres. The amount of water requested, 210.0 GPM (0.469 CFS), BEING 30.0 GPM (0.067 CFS) FROM WELL 1, 60.0 GPM (0.134 CFS) FROM WELL 2, 60.0 GPM (0.134 CFS) FROM WELL 3 AND 60.0 GPM (0.134 CFS) FROM WELL 4, is allowable but the use of water for irrigation purposes shall be limited to no more than 0.385 CFS.

The wells are not within a designated critical ground water area.

The Groundwater Section finds that there **is NOT** a preponderance of evidence that the proposed use of groundwater 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.

Conclusions of Law

Under the provisions of ORS 537.621, the Department must presume that a proposed use will ensure the preservation of the public welfare, safety and health if the proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12), if water is available, if the proposed use will not injure other water rights and if the proposed use complies with rules of the Water Resources Commission.

The proposed use requested in this application is allowed in the Willamette Basin Plan.

No preference for this use is granted under the provisions of ORS 536.310(12).

Water is available for the proposed use.

The proposed use will not injure other water rights.

The proposed use complies with rules of the Water Resources Commission.

The proposed use complies with the State Agency Agreement for land use.

No proposed flow rate and duty of water higher than the general basin-wide standard is needed.

For these reasons, the required presumption has been established.

Under the provisions of ORS 537.621, once the presumption has been established, it may be overcome by a preponderance of evidence that either:

(a) One or more of the criteria for establishing the presumption are not satisfied; or

(b) The proposed use would not ensure the preservation of the public welfare, safety and health as demonstrated in comments, in a protest . . . or in a finding of the department that shows:

(A) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected; and

(B) Specifically how the identified aspect of the public welfare, safety and health under ORS 537.525 would be impaired or be adversely affected.

In this application, all criteria for establishing the presumption have been satisfied, as noted above. The presumption has not been overcome by a preponderance of evidence that the proposed use would impair or be detrimental to the public interest.

The Department therefore concludes that water is available in the amount necessary for the proposed use; the proposed use will not result in injury to existing water rights; and the proposed use would ensure the

preservation of the public welfare, safety and health as described in ORS 537.525.

Recommendation

The Department recommends that the attached draft permit be issued with conditions.

DATED August 5, 1997

By Dwight French
Water Rights Section Manager

Protest Rights

Under the provisions of ORS 537.621(7), you have the right to submit a protest against this proposed final order. Your protest must be in writing, and must include the following:

- Your name, address, and telephone number;
- A description of your interest in the proposed final order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in this proposed final order would impair or be detrimental to your interest;
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known; and
- If you are not the applicant, the $200 protest fee required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting that a contested case hearing be held. If you do not request a hearing, the Department will presume that you do not wish for a hearing to be held.

Your protest must be received in the Water Resources Department no later than **September 19, 1997.**

After the protest period has ended, the Director will either issue a final order or schedule a contested case hearing. The contested case hearing will be scheduled only if a protest has been submitted and if

- upon review of the issues the director finds that there are significant disputes related to the proposed use of water, or
- the applicant requests a contested case hearing within 30 days after the close of the protest period.

LKS

DRAFT This is not a permit!!! DRAFT

STATE OF OREGON

COUNTY OF MARION

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

JEFF R. ALZNER
8100 SW 71ST AVE. PHONE: (503) 245-8501
PORTLAND, OREGON 97223

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-14305

SOURCE OF WATER: FOUR WELLS, IN THE PUDDING RIVER BASIN, WITHIN THE WILLAMETTE BASIN

PURPOSE OR USE: IRRIGATION AND AGRICULTURAL USE FOR NURSERY OPERATIONS ON 15.4 ACRES

MAXIMUM RATE: 0.469 CUBIC FOOT PER SECOND (CFS), BEING 0.067 CFS FROM WELL 1, 0.134 CFS FROM WELL 2, 0.134 CFS FROM WELL 3, AND 0.134 CFS FROM WELL 4; FURTHER LIMITED TO NO MORE THAN 0.385 CFS FOR IRRIGATION USE

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31 FOR IRRIGATION AND YEAR ROUND FOR AGRICULTURAL USE

DATE OF PRIORITY: MAY 7, 1996

POINT OF DIVERSION LOCATION: NE 1/4 SW 1/4, SE 1/4 SW 1/4, SECTION 11, T4S, R1W, W.M.; WELL 1 - 880 FEET NORTH & 80 FEET WEST, WELL 2 - 1440 FEET NORTH & 690 FEET WEST, WELL 3 - 1410 FEET NORTH & 60 FEET WEST, AND WELL 4 - 940 FEET NORTH & 750 FEET WEST ALL FROM S1/4 CORNER, SECTION 11

The amount of water used for NURSERY OPERATIONS is limited to a diversion of 0.15 cubic foot per second per acre. For the irrigation of **containerized nursery plants**, the amount of water diverted is limited to ONE-FORTIETH of one cubic foot per second (or its equivalent) and 5.0 acre feet per acre per year. For the irrigation of **in ground nursery plants** the amount of water diverted is limited to ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre feet per acre per year. The use of water for NURSERY OPERATIONS may be made at anytime of the year that the use is beneficial. For the irrigation of **any other crop**, the amount of water diverted is limited to ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre feet per acre during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE 1/4 SW 1/4 3.3 ACRES
SE 1/4 SW 1/4 12.1 ACRES
SECTION 11
TOWNSHIP 4 SOUTH, RANGE 1 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.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place
Initial and Annual Measurements
The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

(A) Identify each well with its associated measurement; and
(B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
(C) Specify the method used to obtain each well measurement; and
(D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

(A) An average water level decline of three or more feet per year for five consecutive years; or
(B) A water level decline of 15 or more feet in fewer than five consecutive years; or
(C) A water level decline of 25 or more feet; or
(D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

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.

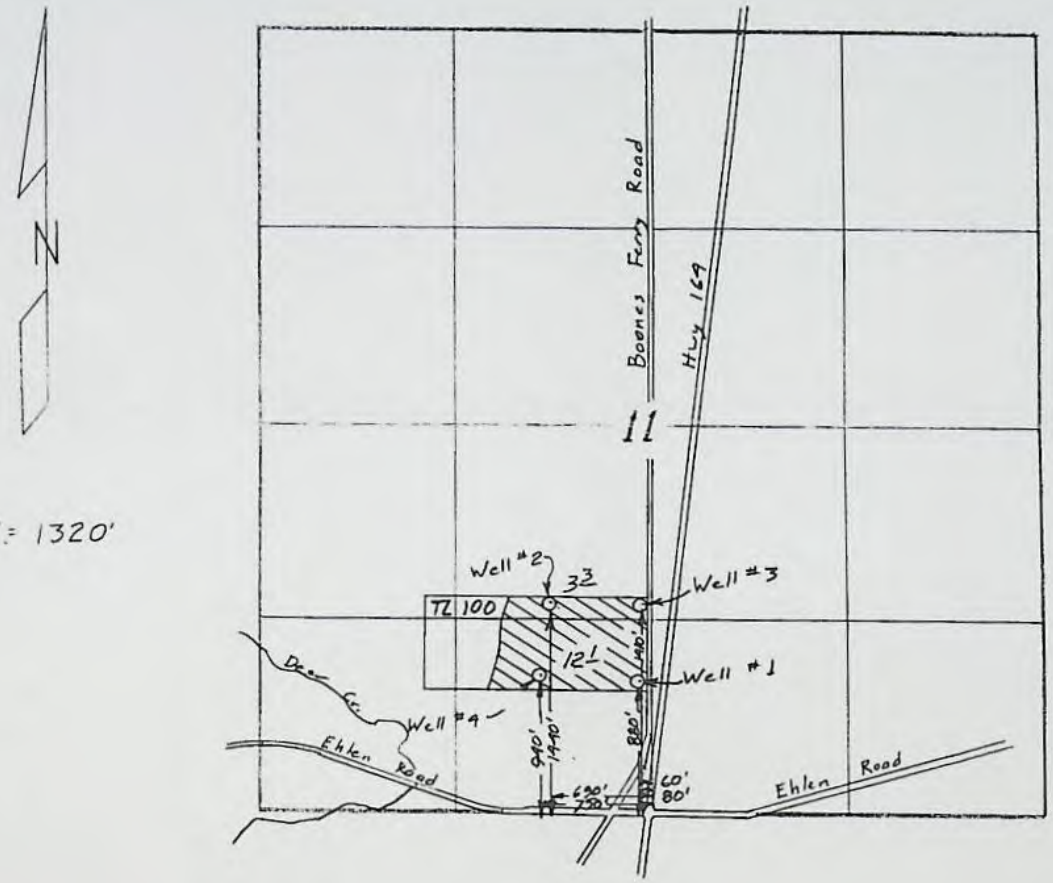
Actual construction of the well shall begin within one year from permit issuance. Complete application of the water to the use shall be made on or before October 1, 2001.

Issued _____, 199_

DRAFT - THIS IS NOT A PERMIT

_____
Water Resources Department
Director

TOWNSHIP 4 SOUTH, RANGE 1 WEST, W.M.



Scale 1" = 1320'

Application Map
for
JEFF R. ALZNER

Application # G-14305
Permit # G13257

Certified Water Right Examiner
#1
Bruce G. Estes
Bruce A. Estes
Nov. 19, 1987
STATE OF OREGON

This map is for the purpose of locating a water right only and has no intent to provide legal dimensions or the location of property lines.

ESTES SURVEYS
6293 Sunnyview Rd. NE
Salem, OR 97305
(503) 585-7593
60382 Arnold Rd.
Bend, OR 97702
(503) 382-7391

Application No. G14305

RECEIVED
MAY - 7 1996
WATER RESOURCES DEPT.
SALEM, OREGON

State of Oregon
WATER RESOURCES DEPARTMENT

Application for a Permit to Appropriate Ground Water

Applicant(s) Jeff R. Alzner
(Please print or type - use dark ink)

Mailing Address: 8100 SW 71st Ave
Portland (City) OR (State) 97223 (Zip) 245-8501 (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.):* 4 wells

If development is less than one mile from a natural stream, give the following:
Distance from development to stream: Well #1 - 1600' Well #2 - 1300' Well #3 - 1800' Well #4 - 1000'
Elevation difference between streambed and development: 40'±

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: Well #1 8"; #2 6"; #3 6"; #4 - 6" *Depth in feet:* #1 - 122'; #2 - 200'; #3 - 150'; #4 - 116'

Type and size of well casing: #1 8"; #2-6"; #3-6"; #4- 6" *No. of feet:* #1 - 122'; #2 - 99'; #3 - 107'; #4 - 101'

Estimated depth to water: #1 - 113'; #2 - 101'; #3 - 107'; #4 - 101'

Type of access port or measuring device: All will have a pipe plug

Wells to be drilled by: WWC # 462

Address:

If the water well is flowing artesian, describe your water control and conservation works:
All 4 wells develope water from a confined strata with artesian pressure: #1 - 52'; #2 - 48'; #3 - 53'; #4 - 50'

2. ***TOTAL AMOUNT OF WATER*** *to be applied to beneficial use: _____ cubic feet per second,* ***OR*** 210 *gallons per minute. If water is to be used from more than one ground water source, give the quantity of water from each:* Well #1 30 GPM; Well #2 60 GPM; Well #3 60 GPM; Well #4 60 GPM

3. ***INTENDED USE(s) OF WATER:*** Agricultural (Nursery Operation)

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;* NA

*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.)*

NA

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

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

Irrigation _____

Other (describe) 15¼ acres nursery

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 1 to have 1½ HP submersible pumps installed. Wells 2-4 will have 3 or 5 HP pumps installed. All wells will be connected to a common underground mainline. Mainline will be sized for the quantity of water to be moved and will vary from 4" to 6". System will consist of hand move and solid set sprinklers and nozzles.

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

Proposed date construction work will begin complete.

Proposed date construction work will be completed Oct 1, 1997

Proposed date water use will be completed Oct 1, 1998

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.

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* ✓ *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):*

✓ *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?* yes *. 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: I realize these wells are within 1 mile of a stream, but all have artesian pressure so according to Div 9 rules are allowed to have a permit issued.

Start Cards
Well # 1 - 28886; Well #2 - 28557; Well #3 - 28559; Well #4 - 38236

RECEIVED
MAY - 7 1996
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.

I certify this application and map to be correct to the best of my knowledge.

Jeff Ray — *Signature of Applicant*

5-6-96 — *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 7th day of May, 1996, at 8 o'clock, A M.

APPLICATION NO: G14305

A:APPFORM 9/89

Oregon

WATER
RESOURCES
DEPARTMENT

OCTOBER 17, 1996

JEFF R ALZNER
8100 SW 71ST AVE
PORTLAND, OREGON 97223

Reference: File G-14305

Dear Applicant:

THIS IS NOT A PERMIT AND IS SUBJECT TO CHANGE DURING NEXT PHASE OF PROCESS

This letter is to inform you of the unfavorable analysis of your proposed use of water and to describe some of your options. Based on the information you have supplied, the Water Resources Department has reached the following conclusions:

Initial Review Determinations:

1. Your application is complete and not defective.

2. The proposed use is not prohibited by law or rule.

3. The use of water for Agriculture and Irrigation use (Nursery Operations) **is limited** under OAR 502, the Willamette Basin Program. The use of natural flow from tributaries of the Pudding River do not allow the use of water for Irrigation and Agriculture use during the period May 1 through October 31, OAR 690-502-120 (5).

4. Based on a ground water review the Department has determined that the well has the potential for substantial interference with Deer Creek, therefore rules and laws applying to surface water will affect this application.

   The use of 0.468 cubic foot per second (210.0 gallons per minute), being 0.066 from Well #1 and 0.134 cfs from each of Well #2, Well #3, and Well #4, for Agriculture use and Irrigation use on 15.4 acres **is not available** June 1 through October 31.

Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

5. The Pudding River Drainage Basin has been identified as water quality limited by the Department of Environmental Quality, therefore use of water **is not allowed** May 1 through October 31.

6. Because water is not available for a full season, Irrigation and Agriculture use cannot be allowed. However, by providing additional information, the applicant may pursue a permit for a limited season during the period when water is available.

Summary of Allowable Water Use

The use of 0.468 cfs of water from 4 Wells for is not allowed.

It is not likely that you will be issued a permit due to **#3, 4, and 5** above. At this time, you must decide whether to proceed or to withdraw your application as described below.

By supplying the Department with additional information concerning the proposed uses, you may be able to use water during the period March 1 through April 30 for Irrigation and November 1 through April 30 for Agriculture use. If you do not withdraw your application and if you do not provide the additional information as described below, the Department will propose to reject your application.

Additional Information Opportunity:

If you would like to be able to use water when it available, you must supply the Department with two items.

Item #1 Supply information that would indicate that you can either make beneficial use of the water during the times it is available for use by growing crops that can survive the shortened season. Identify the crop(s).

or Identify another source of water to use during the period when water use is not allowed.

Item #2 Acknowledge water use may only occur, under the terms of the permit (if one is issued), during the allowed period of use.

Please reference the application number when sending any correspondence regarding the conclusions of this initial review. Comments received within the comment period, will be evaluated at the next phase of the process.

Withdrawal Refunds:

If you choose not to proceed, you may withdraw your application and receive a refund (minus a $50 processing charge per application.) To accomplish this you must notify the Department in writing by **OCTOBER 31, 1996.** For your convenience you may use the enclosed "STOP PROCESSING" form.

To Proceed With Your Application:

If you choose to proceed with your application, you do not have to notify the Department. Your application will automatically be placed on the Department's Public Notice to allow others the opportunity to comment. After the comment period the Department will complete a public interest review and issue a proposed final order.

If A Permit Is Issued It Will Likely Include The Following Conditions:

1. You may be required to measure the amount of water used and report that use annually.

2. To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of (Generally March). Reports shall be submitted to the Department within 30 days of measurement.

   Measurements must be made according to the following schedule:

   Before Use of Water Takes Place
   Initial and Annual Measurements
   The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

   After Use of Water has Begun
   Reference Water Level Determination
   Following the first year of water use, the user shall submit one static water level measurement in the month specified above which will establish the reference level against which future annual measurements will be compared. The water user is not required to measure additional water levels after the reference level has been determined unless required by the Director. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

(A) Identify each well with its associated measurement; and
(B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
(C) Specify the method used to obtain each well measurement; and
(D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

(A) An average water level decline of three or more feet per year for five consecutive years; or
(B) A water level decline of 15 or more feet in fewer than five consecutive years; or
(C) A water level decline of 25 or more feet; or
(D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

3. You will be required to comply with state and federal water quality standards.

4. If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be

discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

If you have any questions:

Feel free to call me at (503) 378-8455 ext. 454 or 1 (800) 624-3199 if you have any questions. Please have your application number available if you call.

Sincerely,

Gary Holliday
Initial Reviewer

cc: Regional Manager, Watermaster, Water Availability Section
enclosures: Flow Chart of Water Right Process
Stop Processing Form

2 - wab 01041200
pou 01041200
gw a

TO: Water Rights Section July 15, 1997

FROM: Groundwater/Hydrology Section Marc A Norton
Reviewer's Name

SUBJECT: Application G- 14305

GROUNDWATER/SURFACE WATER CONSIDERATIONS

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

2. BASED UPON 0AR 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. X 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)_____;
      ii. ___The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. ___The permit should be conditioned as indicated in item 4 below; or
   d. will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
   a. ___will, or likely be available in the amounts requested without injury to prior rights
   b. ___will not and/or within the capacity of the resource; or
   c. X will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
      i. X The permit should contain condition #(s) 7B, 7C ;
      ii. ___The permit should contain special condition(s) as indicated in "Remarks" below;
      iii. ___The permit should be conditioned as indicated in item 4 below; or

4. a. ___THE PERMIT should allow groundwater production from no deeper than_____ft. below land surface;
   b. ___The permit should allow groundwater production from no shallower than_____ft. below land surface;
   c. ___The permit should allow groundwater production only from the_____ groundwater reservoir between approximately _____ft. and _____ft. below land surface;
   d. ___Well reconstruction is necessary to accomplish one or more of the above conditions.
   e. ___One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: This review supercedes the Sept 30, 1996 review. Changes were made based on additional information submitted by applicant

(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
   b.____was not
   constructed according to the standards in effect at the time of 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)

WATER RESOURCES DEPARTMENT

INTEROFFICE MEMO

February 27, 1997

To: FRED LISSNER

From: DWIGHT FRENCH (VIA CAROL LEWIS PER JAKE SZRAMEK)

Subject: G14305 - JEFF R ALZNER

Fred, the Water Rights Section has received additional information regarding the potential hydraulic connection to surface water on this application. The new info. may be enough to change the PFO from a denial to an OK-to-Issue.

Will someone in Groundwater please review said info., and return written response with the file to Jake asap? I believe Marc Norton worked on this earlier - Thanks...

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE ## G-14305

ROUTED TO: W.R

TOWNSHIP/
RANGE-SECTION: 45/1W-11

CONDITIONS ATTACHED? [X] yes [ ] no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Mark Norton

Water Resources Department

MEMO Sept 30, 1996

TO **Application G-** 14305

FROM **GW:** Marc 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

TO: Water Rights Section 9/30, 1990

FROM: Groundwater/Hydrology Section Marc A Norton
Reviewer's Name

SUBJECT: Application G-14305

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE W. Hamette Basin rules, one or more of the proposed POA's is/~~is not~~ within ¼ ~~feet~~/mile of a surface water source (Deer Creek) and taps a groundwater source hydraulically connected to the surface water.

2. BASED UPON 0AR 690-09 currently in effect, I have determined that the proposed groundwater use
   a. X will, or have the potential for substantial interference with the nearest
   b. ___ will not surface water source, namely Deer Creek; 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 from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
   a. ___ will, or likely be available in the amounts requested without injury to prior rights
   b. ___ will not and/or within the capacity of the resource; or
   c. X will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
      i. X The permit should contain condition #(s) 7B, 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 groundwater production from no deeper than_____ft. below land surface;
   b. ___ The permit should allow groundwater production from no shallower than_____ft. below land surface;
   c. ___ The permit should allow groundwater production only from the_____ groundwater reservoir between approximately _____ft. and _____ft. below land surface;
   d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
   e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS:_____

(Well Construction Considerations on Reverse Side)

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:_____
_____
_____

_____ _____, 199__.
(Signature)

16

STATE OF OREGON

WATER WELL REPORT

(as required by ORS 537.765)

Mark 17545

RECEIVED

NOV - 4 1991

WATER RESOURCES DEPT.
SALEM, OREGON

4S/1W-11

(START CARD) # 28886

Well Number:

(1) OWNER:

Name JEFF ALZNER

Address 8100 SW 71

City TIGARD State OREG. Zip

(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 112 ft.

Explosives used Yes ☐ No ☒ Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
12	0	22	BENTONITE	0	2	2 SACKS
8	22	132				

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

☐ Other POURED

Backfill placed from 112 ft. to 122 ft. Material GRAVEL

Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	8"	+1	107	250#	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method PULL-BACK

☒ Screens Type Material STAINLESS

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
107	112	40		7"	8"	☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☒ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
20	26		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 Washington Latitude Longitude

Township 4S N or S, Range 1W E or W, WM.

Section 11 ¼ ¼

Tax Lot 4037500 Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

61 ft. below land surface. Date 10/16/91

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL
~~#3~~	~~129~~		
106	113		61

(12) WELL LOG:

Ground elevation

Material	From	To	SWL
TOP SOIL	0	2	
SILTY BROWN CLAY	2	30	
FINE BROWN SAND	30	54	
SILTY BLUE CLAY	54	72	
BLUE CLAY	72	76	
BLUE SILTY CLAY	76	95	
BLACK SAND	95	96	
FINE BLACK SAND	96	106	
LOOSE GRAVEL	106	113	
CEMENTED GRAVEL	113	117	61
BLUE CLAY, STICKY	117	122	

Date started 10/2/91 Completed 10/16/91

(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.

WWC Number

Signed Date

(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.

WWC Number

Signed Date 10/31/91

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER 9809C 3/88

16

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

Mari 17597

4S/1W/11

(START CARD) # 28557

(1) OWNER: Well Number #2
Name JEFF ALZNER
Address 8100 SW 71
City TIGARD State OREG Zip

(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 114 ft.
Explosives used ☐ Yes ☐ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10	0	20	BENTONITE	0	20	74
6	20	700				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other POURED
Backfill placed from 114 ft. to 200 ft. Material 3/4" CRUSHED ROCK
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6	+1	103	250	☒	☐	☐	☒
			99		☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method PULL BACK
☒ Screens Type Material STAINLESS

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
103	114	40			5"	☐	☐
99						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☒ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
35	19		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 4S N or S. Range 1W E or W. WM.
Section 11 ¼ ¼
Tax Lot 4037500 Lot Block Subdivision
Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:
53 ft. below land surface. Date 11/20/91
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 101

From	To	Estimated Flow Rate	SWL
101	114	50	53

(12) WELL LOG:
Ground elevation

Material	From	To	SWL
TOP SOIL	0	2	
BROWN SANDY CLAY	2	74	
BLUE CLAY	74	82	
BLACK SAND	82	85	
COURSE SAND	85	91	
BLUE CLAY	91	99	
SAND	99	101	
LOOSE SAND AND GRAVEL	101	114	53
BLUE CLAY	114	200	

Date started 11/16/91 Completed 11/20/91

(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.

WWC Number
Signed Date

(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. WWC Number 462
Signed Date 11/26/91

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16

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

Mari 17596

4S/1W/11

(START CARD) # 28559

(1) OWNER: Well Number #3
Name JEFF ALZNER
Address 8100 SW 71
City TIGARD State OREG Zip

(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 117 ft.
Explosives used ☐ Yes ☐ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10	0	20	BENTONITE	0	20	17
6	20	150				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☒ Other POUR
Backfill placed from 117 ft. to 150 ft. Material 3/4" CRUSHED ROCK
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6	+1	104	250"	☒	☐	☒	☐
	6	+1	107	250"	☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method PULL BACK
☒ Screens Type Material STAINLESS

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
105	115	40			5"	☐	☐
107	117					☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☒ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
40	20		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 4S N or S. Range 1W E or W. WM.
Section 11 ¼ ¼
Tax Lot 4037500 Lot Block Subdivision
Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:
54 ft. below land surface. Date 11/26/91
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 107

From	To	Estimated Flow Rate	SWL
107	116	50 GPM	54

(12) WELL LOG:
Ground elevation

Material	From	To	SWL
TOP SOIL	0	1	
SANDY BROWN CLAY	1	52	
BLUE CLAY	52	60	
SANDY BLUE CLAY	60	102	
COURSE BLACK SAND	102	105	
BLUE CLAY	105	107	
LOOSE SAND AND GRAVEL	107	116	54
BLUE CLAY	116	150	

Date started 11/21/91 Completed 11/26/91

(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. Material used and information reported above are true to my best knowledge and belief.

WWC Number
Signed Date

(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.

WWC Number 462
Signed Date 12/1/91

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16.

MARI
17620

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

4S/1W/11

(START CARD) # 38236

(1) OWNER: Well Number #4
Name JEFF ALZNER
Address 8100 SW 71
City TIGARD State OREG. Zip

(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 116 ft.
Explosives used ☐ Yes ☐ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10	0	22	BENTONITE	0	22	15
6	22	116				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other POURED
Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6	+1	101	250#	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method PULL BACK
☒ Screens Type Material STAINLESS

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
101	116	35			5	☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☒ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.
40	20		1

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 4S N or S. Range 1W E or W. WM.
Section 11 ¼ ¼
Tax Lot 40375-00 Lot Block Subdivision
Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:
51 ft. below land surface. Date 11/30/91
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 101

From	To	Estimated Flow Rate	SWL
101	114	60 GPM	51

(12) WELL LOG:
Ground elevation

Material	From	To	SWL
TOP SOIL	0	1	
SANDY BROWN CLAY	1	85	
FINE BLACK SAND	85	101	
LOOSE SAND AND GRAVEL	101	115	51
BLUE CLAY	115	116	

Date started 11/27/91 Completed 11/30/91

(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. Material used and information reported above are true to my best knowledge and belief.

WWC Number
Signed Date

(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.

WWC Number 962
Signed Date 12/20/91

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PFO CHECKLIST

Application #: G 14305

Basin: Willamette WAB: _____

Township 4S Range 1W Section 11 1/4 1/4 _____

1. Is the file complete by the Completeness Checklist? (Y) / N
2. Shortcomings (items needed before a permit and/or FO can be issued) Y / (N)
3. Check file for indicators that the process **should not** continue until a later date (ie - protest, letter to file indicating hold, or other)
4. Groundwater Review A (B) C D conditions 73, 7C (convert old gw conditions to the 7 series)
   a. Is second groundwater review necessary? (comments) Y / N
   b. Is HB 1033 review complete? (Y) / N
5. If source is groundwater, is the well located in a groundwater limited area? (If applicable, include map with POD) Y / (N)
6. Is use from a B.O.R. project? Y / (N) Contract in file? Y / N Contract # _____
7. Is the use allowed by the Basin Program? (Y) / N Limited? Y / (N) _____
8. Water Availability Data OK / REDONE / (NA) (50% before July 17, 1992; 80% live flow & 50% storage after July 17, 1992)
9. Is the source withdrawn or limited by statute or Department withdrawal order? Y / (N) _____
10. Is the Proposed Use located in or above a Scenic Waterway? Y / (N) _____
11. Division 33 has been addressed - if applicable (Above Bonn after July 17, 1992 & Below Bonn after April 8, 1994; June 3, 1994; or Statewide - in shaded areas on T, E, and S Map - after June 3, 1994) Y / (N) / NA
12. Have conflicts been identified, verified and/or addressed? (Y) / N none identified
13. Rate_____ Duty_____ Irrigation Season Nursery Operations
14. Period of Allowed Use March - Oct for Irrig / Year Round for Ag.
15. Allowed Rate of Use 0.469 cfs, not to exceed 0.385 cfs for requesting 210 gpm = ~~0.468 cfs~~ Irrigation
16. Is the use Small (≤0.1cfs, ≤9.2AF), Medium (>0.1 or <1.5cfs, >9.2 or <100AF) or Large (≥1.5 cfs, ≥100 AF)?
17. Conditions 73, 7C, 3 See _____
18. IR Public Notice Date 11-5-96
19. Documents used in determination are attached and highlighted
    See also I.R. checklist
20. Spell Check
21. Check for Accuracy
22. Final PFO report hard copy check (format, margins, etc.)
23. Final PFO has been saved to m:\t\pfo\done\week#\application #
24. Fill out IR/PFO/FO CC List (don't forget to check for other property owners)
    a. Re-notify Water Availability? (Rate, Duty and Period of Allowed Use changes) Y / N

Well 1 = 30 gpm = 0.067 cfs
Well 2 = 60 gpm = 0.134 cfs
Well 3 = 60 gpm = 0.134 cfs
Well 4 = 60 gpm = 0.134 cfs
210 gpm = 0.469 cfs

$15.4 ac \times \frac{1}{40} = 0.385$ cfs max Irrigation

15.4 ac × 0.15 = 2.31 cfs max Ag

Name: Laura Snedaker Date: 7-15-97

Revised 6/19/97

OREGON ADMINISTRATIVE RULES
WATER RESOURCES DEPARTMENT
CHAPTER 690
DIVISION 502
WILLAMETTE BASIN PROGRAM

[ED. NOTE: This Division was renumbered from OAR 690-080 by WRD 4-1992, f. & cert. ef. 3-13-92.]

Definitions

690-502-010 As used in this rule, unless the context requires otherwise:

(1) The Willamette Basin is as shown on Water Resources Department Map No. 2.6.

(2) "Agricultural Use" means non-irrigation agricultural use of water such as temperature control, chemigation, mineral leaching, dairy barn washing, greenhouse use, harvest use and other related uses.

(3) "Classification" or "Classified" means the allowed and preferred beneficial use(s) of a given surface or groundwater source for which future uses of water shall be permitted. Except as otherwise provided by the Commission, the Depart-ment shall not issue permits to appropriate, and no use shall be initiated of any of the surface or groundwaters of the Willamette Basin for any uses except those for which the waters are classified.A classification does not affect legal uses existing on the date of adoption or alteration of the classification.

(4) "Commission" means the Water Resources Commission.

(5) "Commercial Use" means use of water at a place where commodities or services are bought or sold or provided by an entity open to the public, such as a gas station, restaurant, motel, etc.

(6) "Department" means the Water Resources Department.

(7) "Director" means the Director of the Water Resources Department.

(8) "Domestic Use" includes domestic use, domestic use expanded and group domestic, as defined in OAR 690-11.

(9) "Fish Life Use" includes use of water to support natural or artificial propagation of fish and other aquatic life.

(10) "Groundwater Recharge" means the intentional addition of water to a groundwater reservoir where consistent with OAR 690-11.

(11) "Industrial Use" includes the use of water in the manufacture of a product and maintenance of industrial sites, facilities and buildings, and includes other related miscellaneous uses.

(12) "Irrigation Use" means the application of water to crops or plants by artificial means to promote growth or nourish plants.

(13) "Livestock Use" means the use of groundwater or diversion of water from the natural water course or storage of water for consumption by livestock or wildlife.

(14) "Mining Use" means the use of water to extract metals or minerals including placer mining as defined in OAR 690-11 and leaching operations.

(15) "Municipal Use" means the delivery and use of water through the water service system of an incorporated municipality or a nonprofit corporation and includes quasi-municipal uses as defined in OAR 690-11.

(16) "Pollution Abatement" means the use of water to remove or dilute pollutants or achieve water quality standards.

(17) "Power" means the use of water for electrical or mechanical power or for operation of a hydraulic ram where such uses are consistent with OAR 690-51.

(18) "Public Instream Use" means the public use of water where there is no diversion or other means of physical control over the water. Public instream uses include, but are not limited to, recreation, conservation, maintenance and enhancement of aquatic and fish life, wildlife, fish and wildlife habitat, wetlands other than those referred to in section (21) of this rule and any other ecological values, pollution abatement or navigation.

(19) "Recreation Use" means the use of natural or stored water to provide recreation uses as defined in OAR 690-11.

(20) "Storage Season" means the time period during which reservoirs may be filled.

(21) "Wetland Enhancement" means the diver-sion or control of surface or groundwater for the purpose of mitigating, constructing, enhancing and/or maintaining wetlands.

(22) "Wildlife Use" includes use of water by or for sustaining wild animal species and their habitats.

Stat. Auth.: ORS 536.300 & 536.340
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92

Policies

690-502-020 Water Resources Commission and Department activities which affect the waters of the Willamette River Basin shall be compatible with the policies established in this rule. Surface water allocation, groundwater management, municipal and domestic water systems, reservoir coordination, conservation and land use coordination are important issues in the Willamette Basin. The Commission's policies on these issues are as follows:

(1) Surface water allocation:

(a) Protect undeveloped streams with instream values for public instream uses;

(b) Seek a balance in the future appropriation of water between instream and total out-of-stream uses on those streams already significantly developed for out-of-stream purposes;

(c) Preserve opportunities for future economic development by reserving water for future use;

(d) Minimize the likelihood of over-appropriation due to new uses;

(e) Manage stored waters which have been released for instream purposes to meet flow needs reflected in established instream water rights;

(f) Allow irrigation use for the longest period possible between March 1 and October 31 provided sufficient water is available.

(2) Groundwater management:

(a) Prevent excessive water level declines, restore aquifer stability in areas of decline and preserve with limited storage capacity for designated uses;

(b) Identify low-yield aquifers and inform local agencies of probable groundwater capacity limitations for some uses;

(c) Ensure safe municipal and domestic groundwater supplies by participating with the Department of Environmental Quality and the State Health Division in a formal monitoring program to document changes in quality and provide data for aquifer management;

(d) Minimize impairment of surface water uses resulting from hydraulic connection between groundwater and surface water;

(e) Encourage the development of programs for making groundwater resource information available to the public and local agencies.

(3) Municipal and domestic water systems: Support coordinated water service planning and consolidation by water purveyors to preserve and protect adequate and safe drinking water supplies for human consumption in the Willamette Basin.

(4) Reservoir coordination:

(a) Promote funding to study and implement the Willamette River Basin Review Study reconnaissance phase recommendations with significant potential to assist the state in meeting its resource management objectives;

(b)Formalize reservoir operation guidelines with the Corps of Engineers to meet state water management objectives and enter into a memorandum of understanding or other agreement that defines the reservoir coordination process and water management objectives.

(5) Water conservation:

(a) Implement programs to eliminate wasteful water use;

(b) Improve the efficiency of water use through implementation of voluntary conservation measures;

(c) Give priority to developing subbasin conservation plans and providing public assistance in areas of known over-appropriation of surface water and groundwater and in water quality problem areas as listed by the Department of Environmental Quality.

(6) Land use coordination: Promote effective state and local water resource planning and protection and efficient water use through coordination with land use programs.

Stat. Auth.: ORS 536.300 & 536.340
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92

Objectives

690-502-030 The objectives of the Commission in managing the waters of Willamette Basin are to:

(1) Retain minimum perennial streamflows as provided in OAR 690-502-050 to 690-502-150 until the process for conversion to instream water rights is completed.

(2) Promote public instream uses and values in headwaters streams exhibiting high instream values.

(3) Meet public instream needs for fish life, wildlife, recreation and pollution abatement.

(4) Protect instream values in state scenic waterways as described in ORS 390.835 and support management of national wild and scenic rivers.

(5) Minimize the potential of future permits to over-appropriate water.

(6) Consider reservations for future uses within the context of planned and reasonably expected mixes of land uses and economic development in the basin or subbasin(s) consistent with the public interest. Establish reservations that provide for appropriate mix(es) of future uses as established by local or regional plans; e.g., comprehensive plans, water supply plans, economic development plans, urban reserves, and other relevant resource development and protection plans. Generally, design, condition or subordinate reservations such that water can be allocated to meet future municipal and irrigation needs without disadvantaging either use in a way that is consistent with the public interest.

(7) Coordinate with the Department of Environmental Quality in efforts to meet total maximum daily loads in designated drainages by limiting new surface water appropriations during the low-flow season and placing conditions on permits requiring efficiency measures. These drainages include, but are not limited to, the Coast Fork of the Willamette, Tualatin, Yamhill, Pudding, Rickreall Creek and Columbia Slough.

(8) Increase basinwide water use efficiency.

(9) Coordinate with the Northwest Power Planning Council in meeting the objectives of the "protected areas" designation when evaluating hydroelectric permit applications.

(10) Protect and encourage use of water which sustains economic development.

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

General Provisions

690-502-040 (1) Water availability: The classifications in OAR 690-502-050 through 690-502-150 limit access to natural streamflow during periods when remaining available supplies are insufficient to meet existing water rights and public instream uses 80 percent of the time. When improved water availability data show that there is insufficient natural flow to support a classification, any permit issued shall further restrict or condition the time of use to when water is available.

(2) Limited licenses: The uses of surface water for which limited licenses may be issued are prescribed in ORS 537.143(1). Applications for limited licenses may be accepted in the Willamette Basin unless expressly prohibited by statute, order of the State Engineer or the Commission, or by the classifications in OAR 690-502-050 through 690-502-150.

(3) Surface water applications: Applications to use surface water filed after April 18, 1991, shall be processed under the classifications established in OAR 690-502-050 through 690-502-150. Applica-tions filed on or before April 18, 1991, shall be processed under the classification in effect at the time of the application.

(4) Storage:

(a) Unless expressly prohibited by statute, order or administrative rule, the surface waters of the Willamette River and tributaries are classified for storage from November 1 to June 30. A storage permit may be issued for a shorter time period and/or conditioned based on water availability or compatibility with other uses and needs;

(b) Secondary applications to maintain reservoir levels throughout the year may be processed if the proposed use is consistent with the classification;

(c) Water legally stored may be released or used at any time for any beneficial purpose, such as domestic, livestock, irrigation (during the irrigation season as specified in section (6) of this rule), agricultural, commercial, municipal, industrial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement, public instream uses and uses allowed under a limited license.

(5) Groundwater recharge: Use of surface water to recharge groundwater shall be subject to the same limitations and season as specified in section (4) of this rule. Use of groundwater from one aquifer to recharge another shall be allowed only if consistent with the classification of the providing aquifer as specified in OAR 690-502-160.

(6) Expanded irrigation season: Unless expressly limited by statute, court decree, order, administrative rule (including classification, except for use of stored water), water availability or any other permit condition, an irrigation season of March 1 to October 31 shall apply to future permits for primary and supplemental irrigation.

(7) Conservation: The Department shall require that special conservation and water use efficiency conditions be employed when permitting the use of water from the Columbia River Basalt Group, low-yield aquifers and water quality limited streams.

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses.

(3) Multnomah Channel and drainage waters originating within drainage districts are classified for domestic, livestock, municipal, industrial, irrigation, commercial, agricultural, mining, power, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses.

(4) Except as specified in subsections (1)(a), (b) and (c) of this rule, all stream systems in the Columbia Subbasin and Columbia Slough are classified year-round only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses.

Stat. Auth.: ORS 536.300 & 536.340
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92

Groundwater Classifications and Conditions

690-502-160 (1) Use of groundwater from the basalt aquifer within the Cooper-Bull Mountain Critical Groundwater Area shall be as described in the State Engineer's order designating the Cooper-Bull Mountain Critical Groundwater Area dated May 17, 1974.

(2) Groundwater Classification: The ground-water resources of the Willamette Basin are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement and statutorily exempt groundwater uses with the following exceptions:

(a) Groundwater from the *shallow* Troutdale aquifer and the specially designated portion of the *deep* Troutdale aquifer in the Sandy-Boring area is classified for exempt uses only. The Sandy-Boring Groundwater Limited Area is as described and shown in **Exhibit 1**. Groundwater applications pending on October 4, 1991 shall be processed according to the classifications in effect on the date the application was filed and shall contain the Special Permit Conditions specified in section (4) of this rule. Applications may be rejected if the aquifer displays any of the adverse impacts defined in OAR 690-08. Applications submitted after October 4, 1991 shall be processed according to the requirements of these rules and classifications;

(b) Groundwater from the basalt aquifers in the Damascus, Gladtidings, Kingston, Mt. Angel, Parrett Mountain, and Stayton-Sublimity areas, and the Troutdale aquifer in the Damascus area is classified for exempt uses only:

(A) The Damascus Groundwater Limited Area is as described and shown in **Exhibit 2**. The Gladtidings Groundwater Limited Area is as described and shown in **Exhibit 3**. The Kingston Groundwater Limited Area is as described and shown in **Exhibit 4**. The Mt. Angel Groundwater Limited Area is as described and shown in **Exhibit 5**. The Parrett Mountain Groundwater Limited Area is as described and shown in **Exhibit 9**. The Stayton-Sublimity Groundwater Limited Area is as described and shown in **Exhibit 7**;

(B) Groundwater applications pending on October 4, 1991 shall be processed according to the classifications in effect on the date the application was filed. Permits may be issued for a period not to exceed five years and shall contain the Special Permit Conditions specified in section (3) of this rule. Permits may be extended for additional five-year periods if the Director finds that the groundwater resource can probably support the extended use. Applications may be rejected or permit or certificate extensions may be denied if the aquifer displays any of the adverse impacts defined in OAR 690-08. Applications submitted after October 4, 1991 shall be processed according to the requirements of these rules and classifications. Within two years of permit issuance, the applicant shall prepare a plan for the Water

Resources Commission which shall indicate the steps for obtaining an alternate long-term water supply.

(c)(A) Except as provided in paragraph (B) of this subsection, groundwater from the basalt aquifers in the Sherwood-Dammasch-Wilsonville Groundwater Limited Area as described and shown in **Exhibit 6** is classified for exempt uses only;

(B) Groundwater applications G-12155 (City of Sherwood) and G-13353 (Manke Lumber Co.) shall be processed according to the classifications in effect on the date the application was filed. Permits shall contain the Special Permit Conditions specified in Section (3) of this rule.

(d) Groundwater in the basalt aquifers in the Chehalem Mountain, Eola Hills and South Salem Hills Groundwater Limited Areas is classified for exempt uses, irrigation and rural residential fire protection systems only. Permits may be issued, for a period not to exceed five years, for fire protection and for drip or equally efficient irrigation provided the Director finds the proposed use and amount do not pose a threat to the groundwater resource or existing permit holders. The amount of water used for irrigation shall be further limited to one acre-foot per acre per year. Permits may be extended for additional five-year periods if the Director finds that the groundwater resource can probably support the extended use. Applications may be rejected or permit or certificate extensions may be denied if the aquifer displays any of the adverse impacts defined in OAR 690-08:

(A) The Chehalem Mountain Groundwater Limited Area is as described and shown in **Exhibit 8**. The Eola Hills Groundwater Limited Area is as described and shown in **Exhibit 10**. The South Salem Hills Groundwater Limited Area is as described and shown in **Exhibit 11**;

(B) Groundwater applications pending on October 4, 1991 shall be processed according to the classifications in effect on the date the application was filed. Permits may be issued for a period not to exceed five years and shall contain the Special Permit Conditions specified in section (3) of this rule. Permits may be extended for additional five-year periods if the Director finds that the groundwater resource can probably support the extended use. Applications submitted after October 4, 1991 shall be processed according to the requirements of these rules and classifications. Within two years of permit issuance, the applicant shall prepare a plan for the Water Resources Commission which shall indicate the steps for obtaining an alternate long-term water supply;

(e) Groundwater — Surface water hydraulic connection: These rules are in addition to the requirements of OAR 690-09. Groundwater in unconfined alluvium within 1/4 mile of the banks of a stream or surface water source is presumed to be in hydraulic connection with the surface water source, unless the applicant or appropriator provides satisfactory information or demonstration to the contrary. This hydraulically connected groundwater shall be classified the same as the surface source. This section shall not apply to those groundwater uses exempted by ORS 537.545. Notwithstanding such classification, permits may be issued for the use of water from a well in an unconfined aquifer that is hydraulically connected to groundwater, within a quarter mile of a stream, provided that surface water impacts are mitigated through storage releases.

(3) Special Columbia River Basalt Group Aquifer Permit Conditions: New permits issued to appropriate groundwater from Columbia River Basalt Group aquifers shall be specially conditioned. The conditions shall specify:

(a) A static water level measurement be made and submitted before any use of water may commence at the well;

(b) The permittee/appropriator install a meter or other suitable measuring device approved by the Director and submit an annual report of water used to the Department;

(c) Limits on acceptable amounts of depletion and interference with other users;

(d) Use of water from the well be controlled or shut off if limits specified in the permit to protect the resource from depletion, and prior appropriators from interference, are exceeded;

(e) The Department shall determine, from measurements submitted by the permittee/ appropriator, or other data on file in the department, the initial and subsequent water levels from which the previously cited declines are referenced;

(f) Following the issuance of a permit, the permittee/appropriator shall measure the water levels in the permitted well each year between March 1 and March 31 (spring high-water level) and submit the data to the Department within 90 days of measurement. Water level measurements shall be made by a certified water rights examiner, licensed water well driller, licensed pump installer, registered geologist, licensed land surveyor, registered professional engineer or the permittee/ appropriator;

(g) Any other conditions derived from OAR 690-08 as deemed necessary to protect the groundwater resource.

(4) Special Permit Conditions: New permits issued to appropriate groundwater from aquifers within the Sandy-Boring Groundwater Limited Area and the Troutdale aquifer in the Damascus Groundwater Limited Area shall be specially conditioned. The conditions shall specify:

(a) A static water level measurement be made and submitted before any use of water may commence at the well;

(b)Limits on acceptable amounts of depletion and interference with other users;

(c) Use of water from the well be controlled or shut off if limits specified in the permit to protect the resource from depletion, and prior appropriators from interference, are exceeded;

(d) The Department shall determine, from measurements submitted by the permittee/ appropriator, or other data on file in the department, the initial and subsequent water levels from which the previously cited declines are referenced;

(e) Following the issuance of a permit, the permittee/appropriator shall measure the water levels in the permitted well each year between March 1 and March 31 (spring high-water level) and submit the data to the Department within 90 days of measurement. Water level measurements shall be made by a certified water rights examiner, licensed water well driller, licensed pump installer, registered geologist, licensed land surveyor, registered professional engineer or the permittee/ appropriator;

(f) Any other conditions as specified in OAR 690-08 as deemed necessary to protect the groundwater resource.

[ED. NOTE: The Exhibit(s) referenced in this rule is not printed in the OAR Compilation.Copies are available from the Water Resources Department.]

Stat. Auth.: ORS Ch. 536 & 537
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1993, f. & cert. ef. 9-9-92; WRD 3-1994, f. & cert. ef. 3-10-94, WRD _ - 1994, f. & cert. ef. 11-7-94

ESTES SURVEYS

SURVEYS
CONSULTING

LAND & WATER RIGHTS
Bruce A. Estes, PLS, CWRE

60382 Arnold Rd.
Bend, OR 97702
(503) 382-7391

6293 Sunnyview Rd. NE
Salem, OR 97305
(503) 585-7593
FAX 585-7593

RECEIVED
JUN 11 1997
WATER RESOURCES DEPT.
SALEM, OREGON

June 10, 1997

Fred Lissner, Manager, Ground Water Division
Water Resources Department
158 12 th Street NE
Salem, OR 97310-0210

Dear Fred:

RE: G-14305

We had a well test run on Jeff Alzner's well in December, 1996. Sam Allison put together a ground water study for Jeff's application G-14305 which I sent to the WRD on January 26, 1997.

I looked for the file last week and found it has been checked out to you. You are probably making a determination regarding Sam's evaluation. Mr Alzner is anxious to know the outcome. Please let us know at your earliest convenience. Thanks.

Sincerely,

Bruce

Bruce A. Estes, PLS, CWRE

cc Jeff Alzner

WATER RIGHTS LETTER TRACKING

TO:

FROM:

RE: Track No. _____ Description: _____

_____

_____

Today's Date: _____

Draft Due Date: _____

Please prepare a draft response to the attached correspondence to go out with the following signature block:

____ Dick Bailey's Signature

____ Dwight French's Signature

____ Your Signature

All letters need to be reviewed by your supervisor. A copy must go to Darlene Castle for tracking purposes.

Examples:

Sincerely,

Dick Bailey
Administrator
Water Rights and Adjudication

Sincerely,

Dwight French
Manager
Water Rights Section

WATER RIGHTS LETTER TRACKING

To: Dwight

Re: Track No. 95 Description: Re: Hydro connec. Bruce Estes 6-14635

Today's Date: 2/6/97

Draft Due Date: 2/20/97

Please prepare a draft response to the attached correspondence to go out with the following signature block: *(see below)

____ Richard D. Bailey
Administrator
Water Rights/Adjudication Division

____ Dwight French
Manager
Water Right Section

NEW INFO.

***All letters need to be reviewed by your supervisor. A final copy must be given to Darlene Castle for Tracking purposes.**

ESTES SURVEYS

SURVEYS
CONSULTING

LAND & WATER RIGHTS
Bruce A. Estes, PLS, CWRE

60382 Arnold Rd.
Bend, OR 97702
(503) 382-7391

6293 Sunnyview Rd. NE
Salem, OR 97305
(503) 585-7593
FAX 585-7593

fic

RECEIVED
JAN 2 8 1997
WATER RESOURCES DEPT.
SALEM, OREGON

January 26, 1997

#95

2/6/97
2/20/97
Dwight

Dwight French, Manager Permit Section
Water Resources Department
158 12th St. NE
Salem, OR 97310-0210

Dear Dwight:

Re: G-14305

On December 18, 1996 we were able to conduct the well test on Jeff Alzner's well site. Mr. Alzner had a pump installed in well #3 and obtained a diesel generator for power. Sam Allison and I took soundings in wells 1, 2, and 4 while Bryan Hart of Schneider Drilling Co. observed well #3. I ran levels from Deer Creek to the 4 wells during the test so Sam could make an accurate plot of the wells.

Sam completed his analysis of the wells and found that the clay beds form an effective barrier between the aquifer and Deer Creek (his report enclosed).

I also took water samples of the creek and the water from well #3 (copy of the water sample enclosed). The samples indicate a significant difference in the nitrate levels.

The evidence shows that the well water is not hydraulically connected to the surface water. We therefore request that you reevaluate the hydraulic connection decision based on this information and issue the permit.

Thank you for your efforts.

Sincerely,

Bruce

Bruce A. Estes, PLS, CWRE

cc Jeff Alzner
Sam Allison

HYDROGEOLOGIC INVESTIGATION
for
JEFF ALZNER
January 21, 1997

This hydrogeologic investigation was conducted at the request of Jeff Alzner, in support of ground water Application G-14305, for 210 gallons per minute from four wells. The subject property is located near Aurora, in Marion County, in T4S,R1W,WM, Section 11.

Mr. Alzner submitted an application to the Water Resources Department for an irrigation permit on May 7, 1996.

The Water Resources Department has not issued a permit to use ground water because of possible hydraulic connection with Deer Creek and/or an unnamed, intermittent tributary of Deer Creek. Deer Creek is about 1450 feet west of Well 4, the most westerly well on Mr. Alzner's property. The tributary (swale) is about 600 feet west of Well 4.

Included in this investigation are analyses of the Drillers' reports for the wells, and analyses of three other wells across Deer Creek to the west. The closest recorded wells west of Deer Creek are in the southeast quarter of Section 10, and are almost a mile away. There are no known wells between Mr. Alzner's property and Deer Creek.

The elevations used in this report are relative. Deer Creek, at the western end of the level traverse, was assigned an elevation of 130 feet above mean sea level (msl), based on the USGS Woodburn Quadrangle 7 1/2 minute topographic map.

Geologic cross-sections constructed from the well reports show a generally horizontal, uniform sand and gravel aquifer, with overlying horizontal clay beds. The clay beds probably separate water in the aquifer from surface water. Extended west, the clay beds would form an effective barrier between the aquifer and Deer Creek.

The wells west of Deer Creek are reported to penetrate basalt; Mr. Alzner's wells do not. Therefore, the underlying geology could not be correlated across Deer Creek.

The following table shows the elevations where ground water was encountered when the wells were drilled, static water levels on the drilling date, and on December 18, 1996, when a pump test was conducted on Well 3.

WELL ID	TOP OF CASING, MSL	DATE DRILLED	WATER FIRST ENC'D, MSL - DATE	STATIC WATER LEVEL, MSL - DATE	STATIC WATER LEVEL, MSL - DATE
#1	181	10/16/91	75 10/16/96	120 10/16/96	136 12/18/96
#2	184	11/20/91	83 11/20/91	131 11/20/91	137 12/18/96
#3	182	11/26/91	75 11/26/91	128 11/26/91	135 12/18/96
#4	181	11/30/91	80 11/30/91	130 11/30/91	135 12/18/96

The well reports show the aquifer in Well 1 between 85 and 63 feet msl, in Well 2 between 84 and 69, in Well 3 between elevations 79 and 65, and in Well 4 between 94 and 64. Positive pressure heads on the drilling dates were: Well 1 - 45 feet, Well 2 - 48 feet, Well 3 - 53 feet, and Well 4 - 50 feet.

A four-hour pump test was conducted on Well 3 on December 18, 1996. Since there is no electricity to the site, a diesel generator powered a submersible pump. The pump was installed and the pumping for the test was conducted by Schneider Drilling Co.

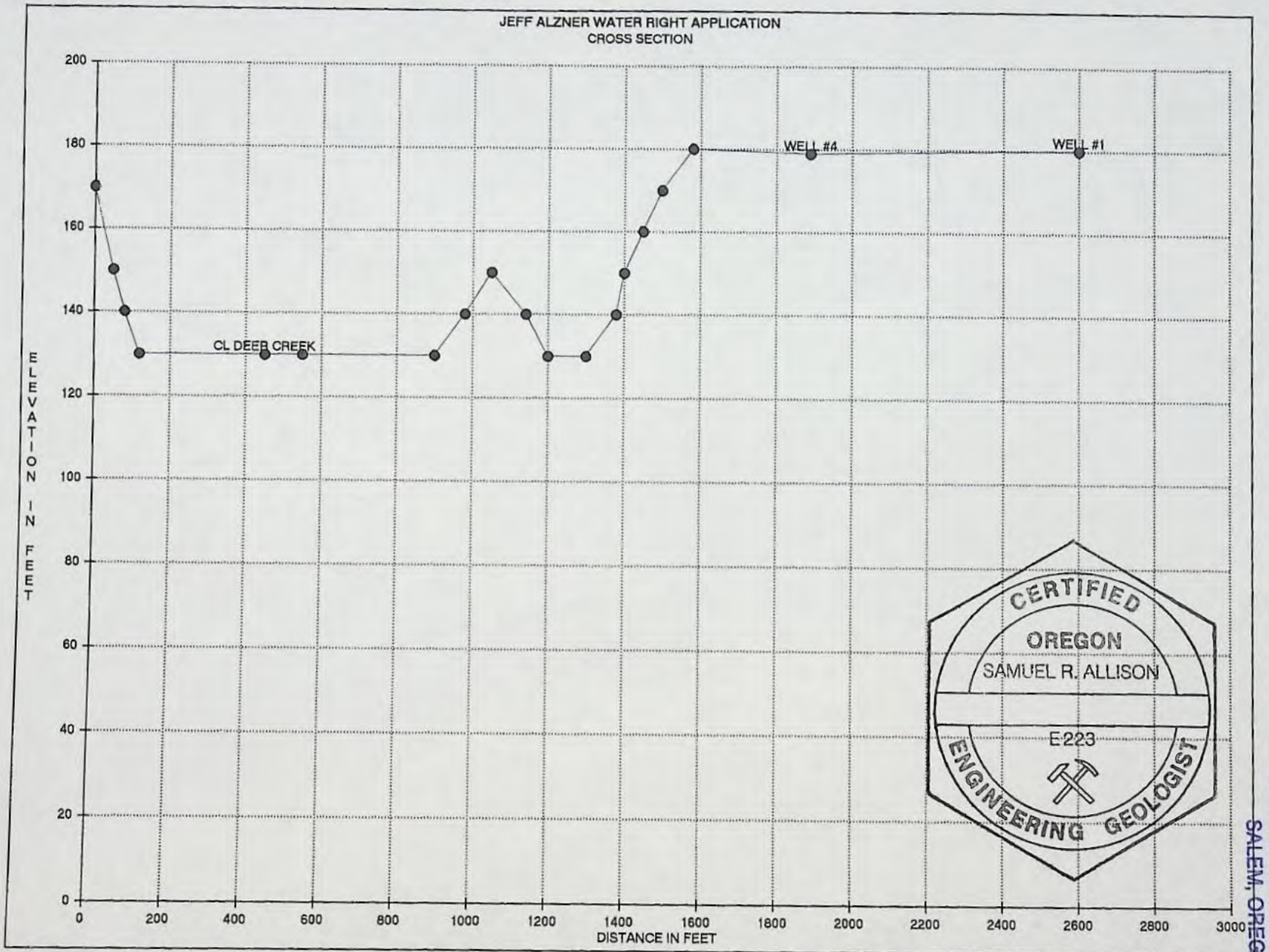
During the test, well 3 was pumped at an average rate of about 64 gpm. Output from the pump fluctuated slightly, but the hydraulic characteristics calculated for the aquifer using 64 gpm appear to be reasonable. Walton's computer program PT-6 was used to calculate transmissivity (T=4230) and storage coefficient (S=0.000026). Program PT-11 was used to calculate "u" (0.019).

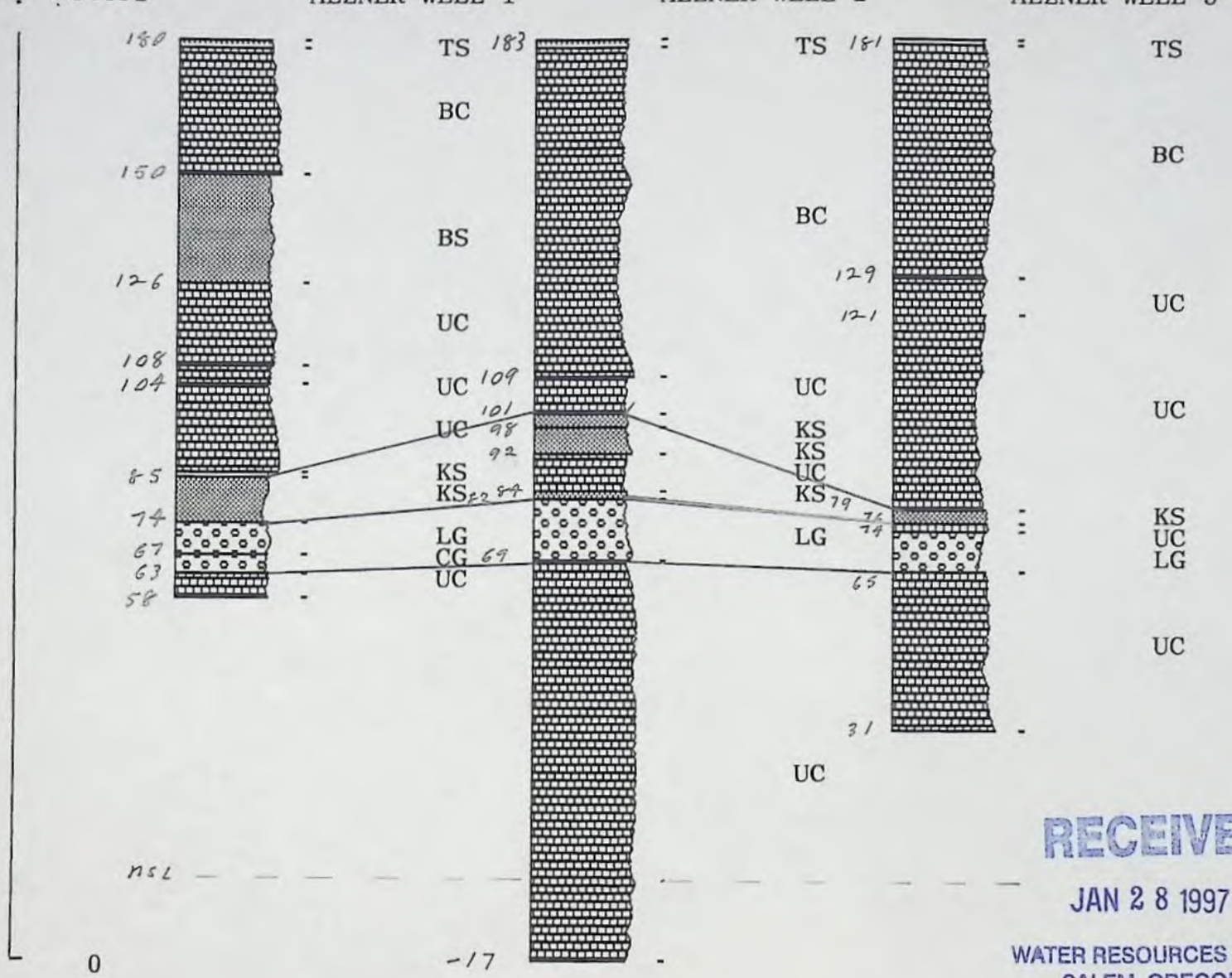
Water levels at wells 1,2 and 4 were measured during the pumping phase and until the pumped well recovered 90% of its pre-pumping static head. Well 1 was the primary observation well. Wells 2 and 4 were monitored less frequently. Water levels at Well 3 were measured by Bryan Hart of Schneider Drilling Co. Water levels at Well 1 were measured by Sam Allison, CEG. Water levels at Wells 2 and 4 were measured by Bruce Estes, CWRE, and Sam Allison.

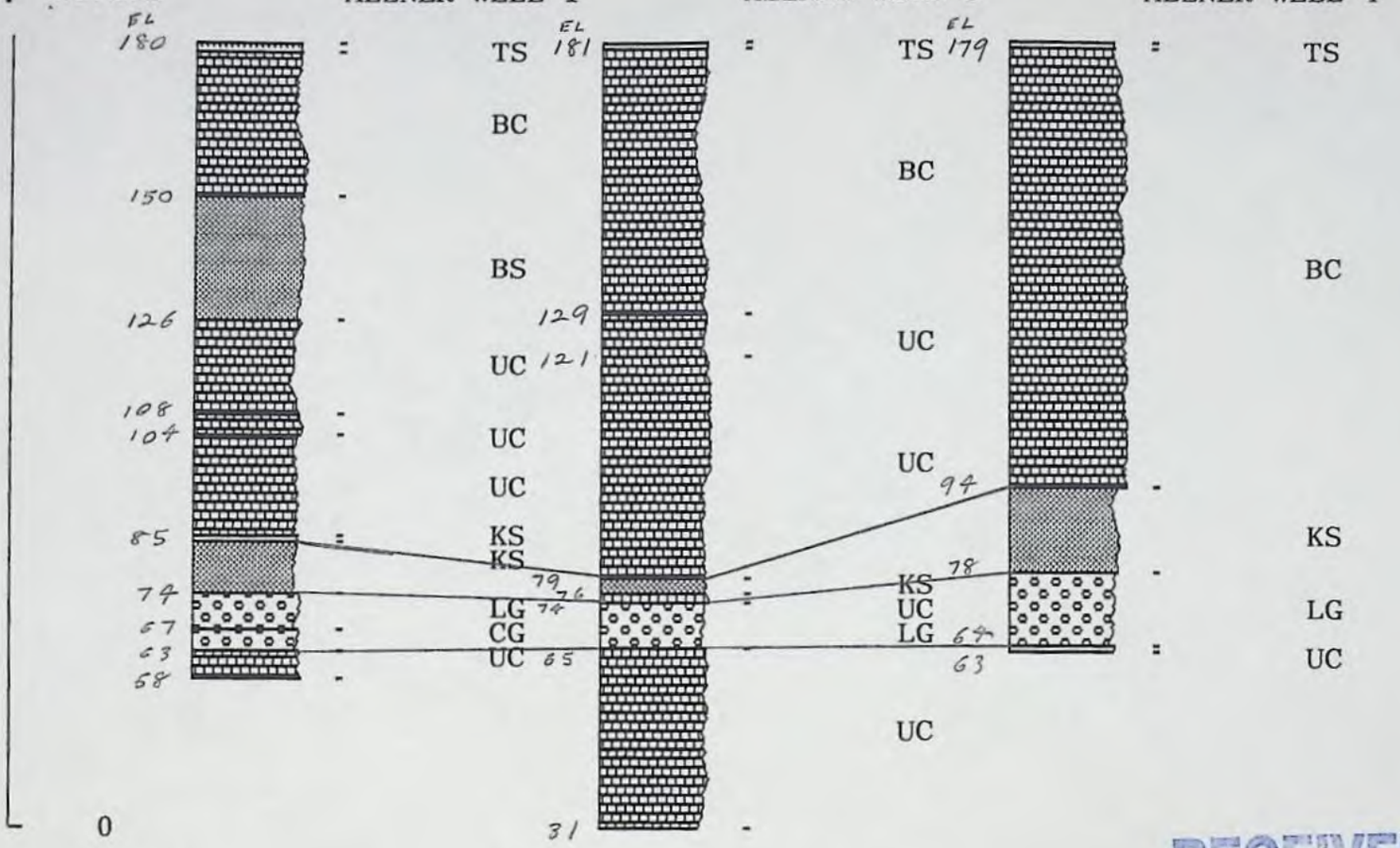
Hydraulic properties are consistent with properties of horizontally bedded confined aquifers. The well reports show at least one clay aquitard separating the producing aquifer from

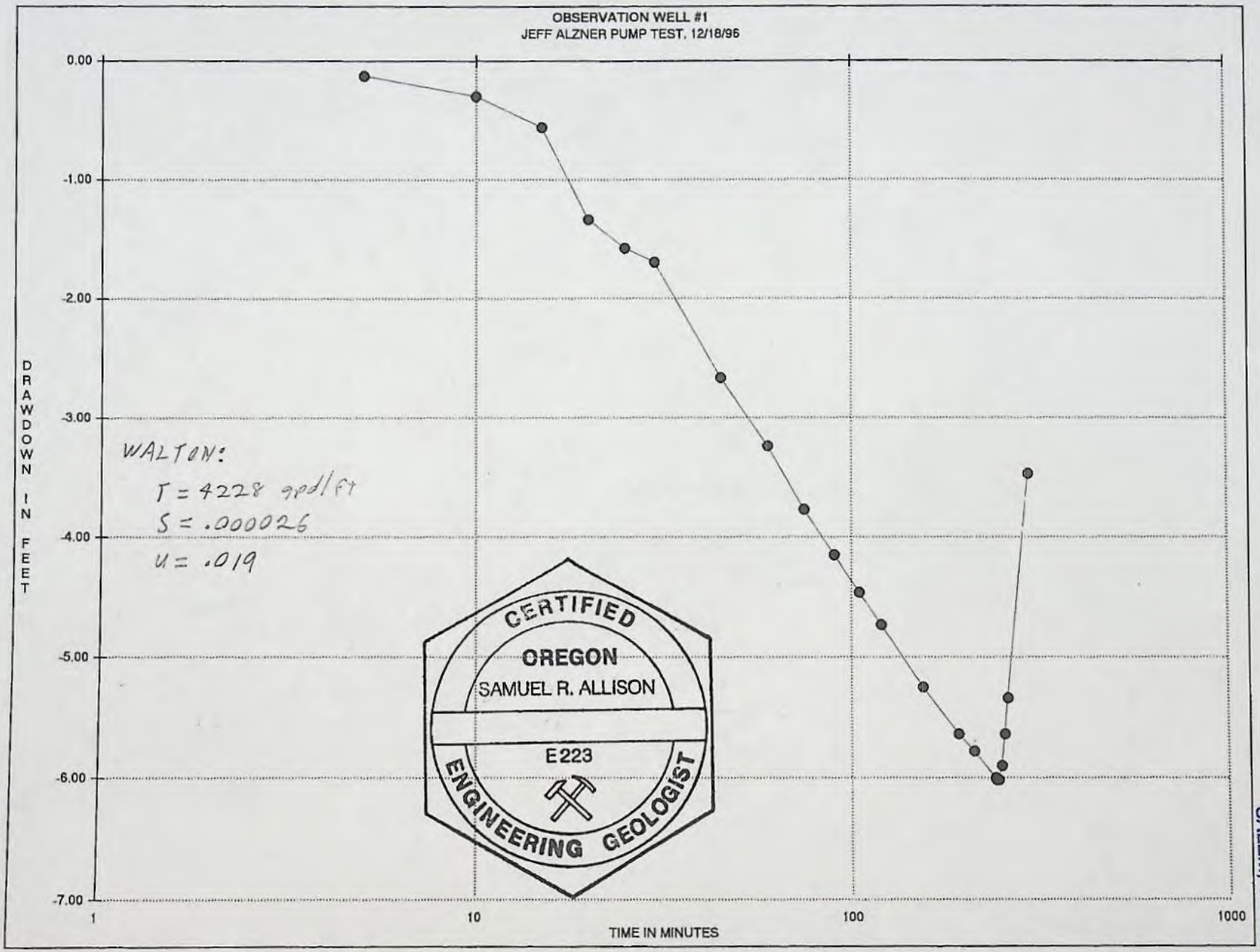
surface drainages. All four wells are cased through the clay layer. Well 1 is an eight-inch hole, with an eight-inch casing. The other three wells are six inches, with six-inch casings. Most likely, swelling of the clay will effectively form a seal. Therefore, hydraulic connection between the producing aquifer and surface drainages should be minor.

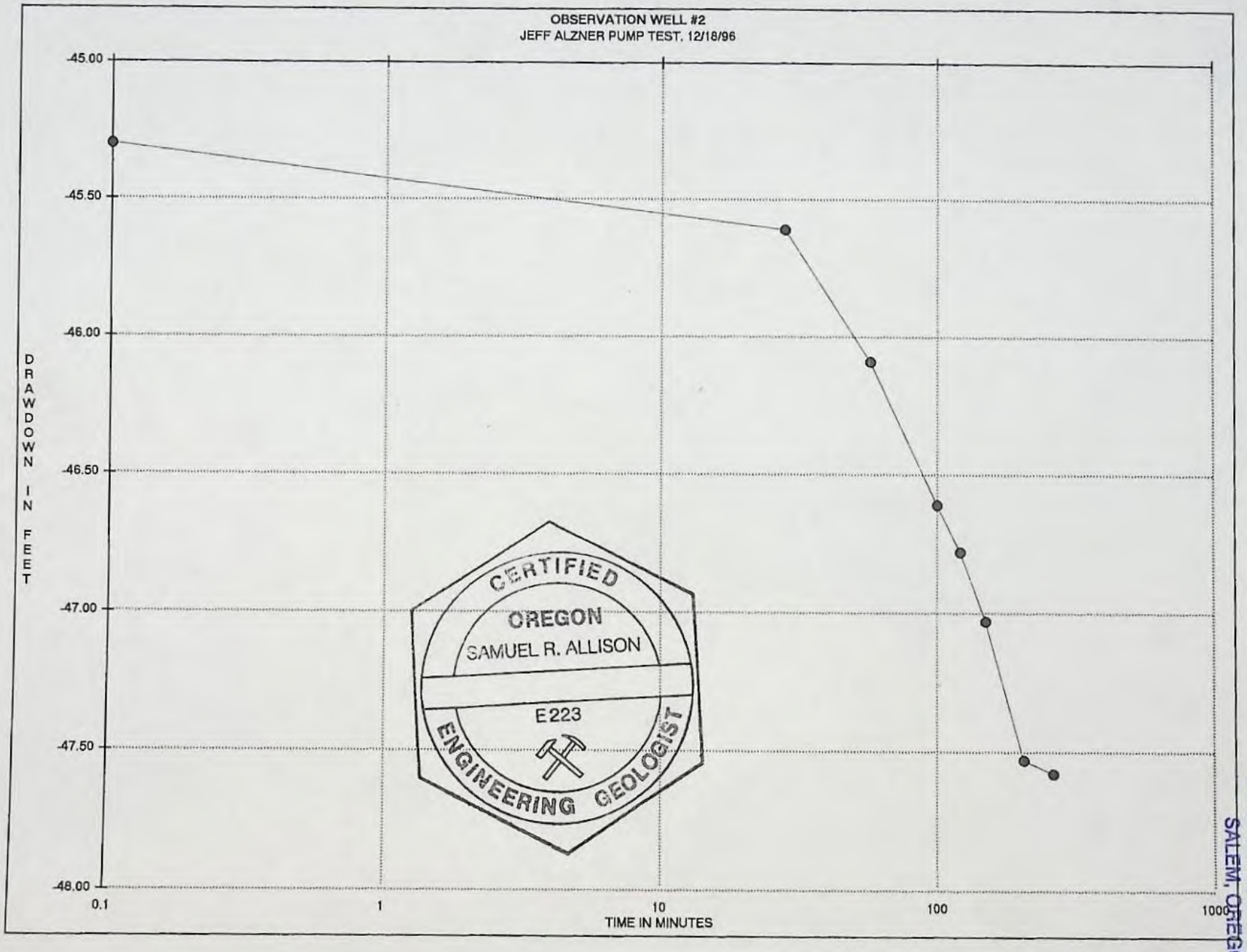
Samuel R. Allison
CEG 223
503-585-2382



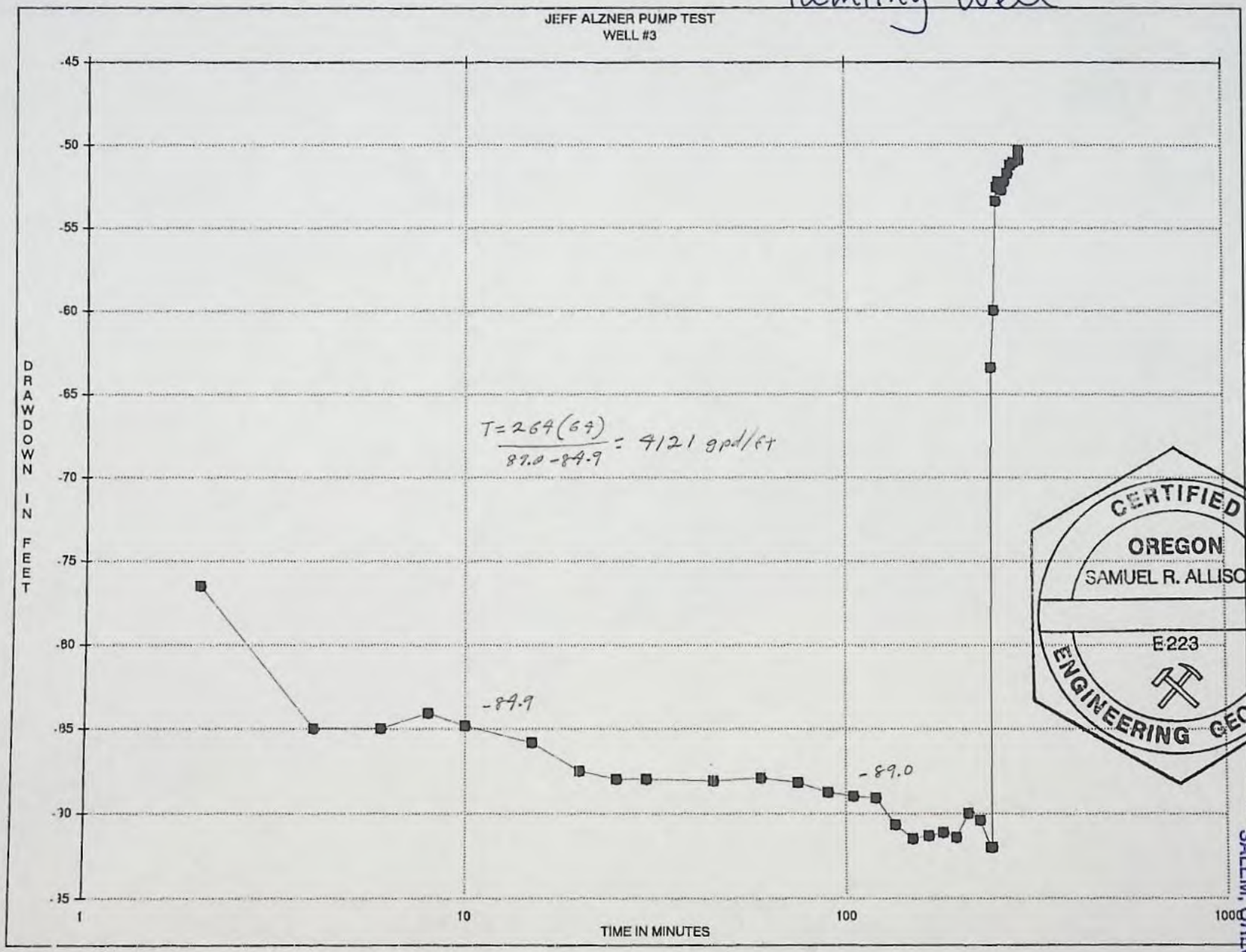






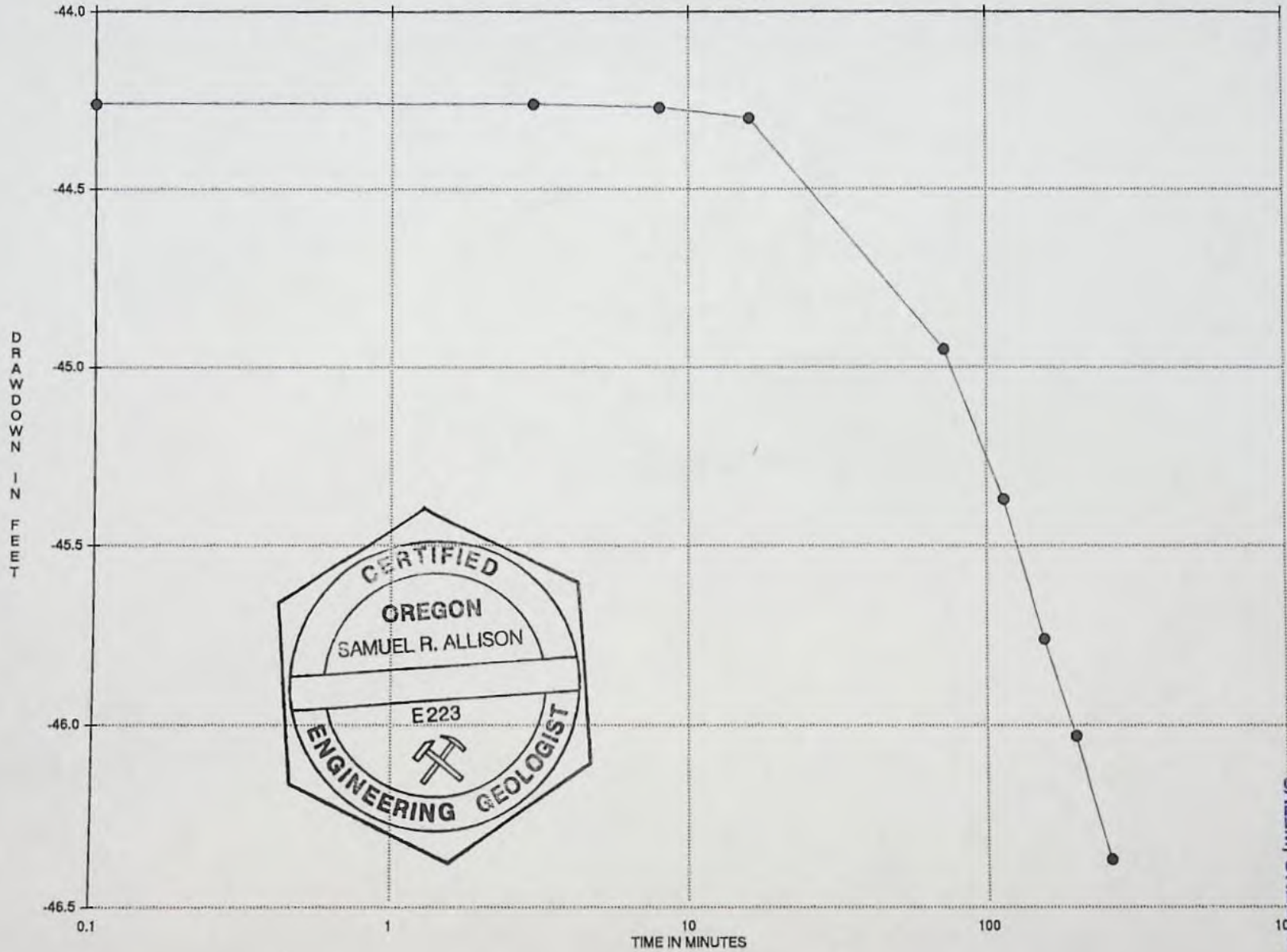


Pumping Well



CERTIFIED
OREGON
SAMUEL R. ALLISON
E-223
ENGINEERING GEOLOGIST

OBSERVATION WELL #4
JEFF ALZNER PUMP TEST, 12/18/96



DATA BASE:

NUMBER OF KNOWN POINTS= 16
POINT NUMBER= 1
X (TIME)-COORDINATE OF POINT (MIN)= 5.0000D+00
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 1.3000D-01
POINT NUMBER= 2
X (TIME)-COORDINATE OF POINT (MIN)= 1.0000D+01
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 3.0000D-01
POINT NUMBER= 3
X (TIME)-COORDINATE OF POINT (MIN)= 1.5000D+01
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 5.6000D-01
POINT NUMBER= 4
X (TIME)-COORDINATE OF POINT (MIN)= 2.0000D+01
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 1.3400D+00
POINT NUMBER= 5
X (TIME)-COORDINATE OF POINT (MIN)= 2.5000D+01
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 1.5800D+00
POINT NUMBER= 6
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Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 1.7000D+00
POINT NUMBER= 7
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Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 2.6700D+00
POINT NUMBER= 8
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POINT NUMBER= 9
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POINT NUMBER= 11
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Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 5.2500D+00
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POINT NUMBER= 15
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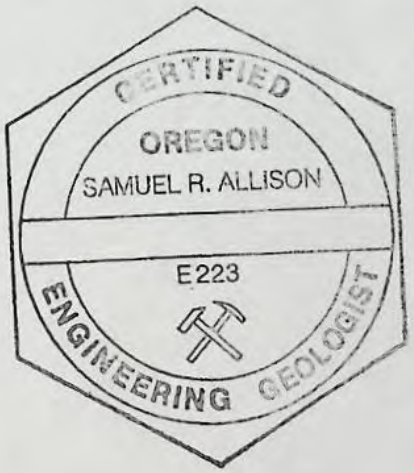
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 5.7800D+00
POINT NUMBER= 16
X (TIME)-COORDINATE OF POINT (MIN)= 2.4000D+02
Y (DRAWDOWN)-COORDINATE OF POINT (FT)= 6.0000D+00
PRODUCTION WELL DISCHARGE RATE (GPM)= 6.4000D+01
DISTANCE FROM PRODUCTION WELL (FT)= 5.3000D+02

COMPUTATION RESULTS:

AQUIFER TRANSMISSIVITY (GPD/FT)= 4228.27
AQUIFER STORATIVITY (DIM)= 2.626E-05



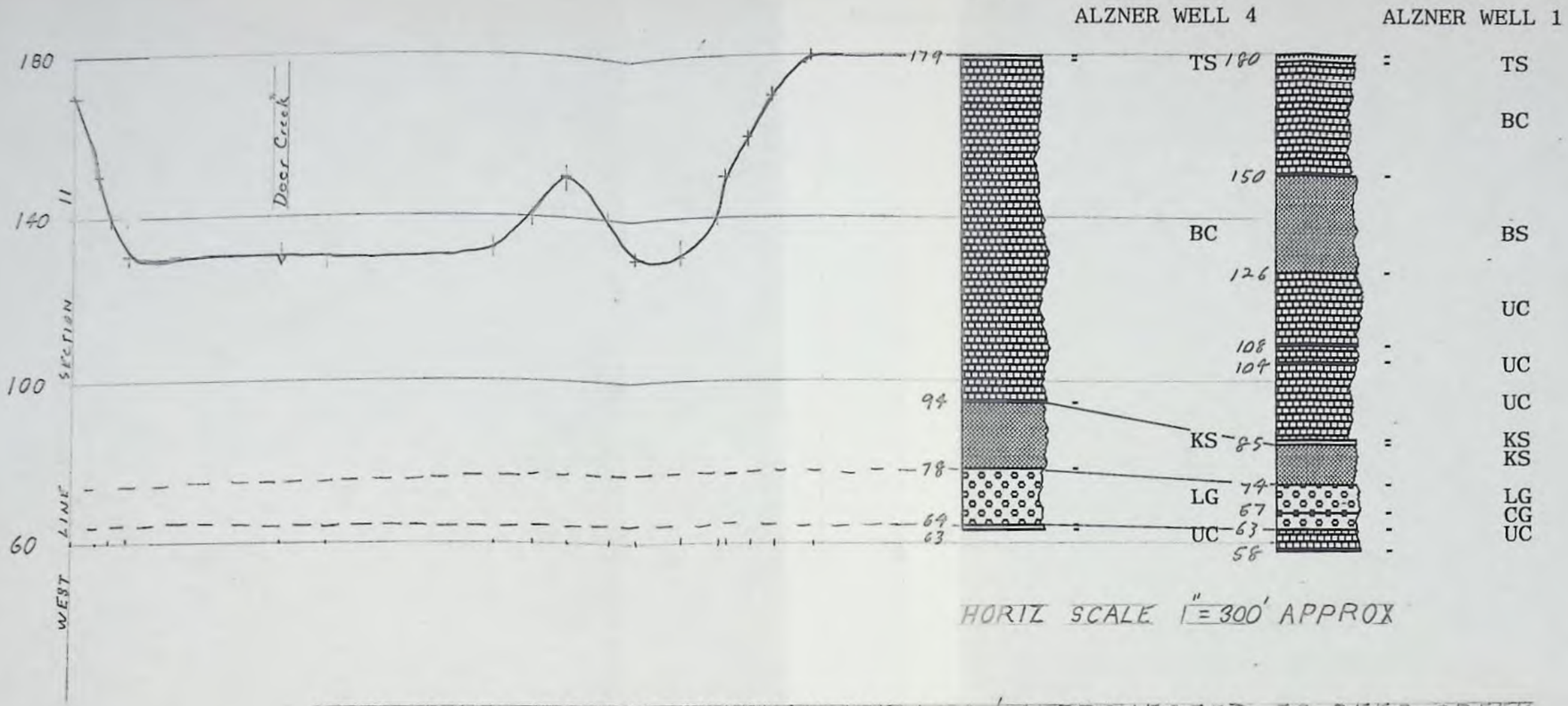
Program: PT11
Author : W.C. Walton
Version: IBM/PC 2.1; Copyright 1987 Lewis Publishers, Inc.
Purpose: SOLVE PUMPING TEST DESIGN AND
ANALYSIS EQUATIONS

Enter number of equation to be solved
If equation no. is 2.10 then enter 2.01
If equation no. is 3.10 then enter 3.01
If equation no. is 3.20 then enter 3.02
If equation no. is 3.30 then enter 3.03
If equation no. is 3.40 then enter 3.04:? 3.01

DISTANCE FROM PRODUCTION WELL (FT)=? 530
AQUIFER STORATIVITY (DIM)=? .000026
AQUIFER TRANSMISSIVITY (GPD/FT)=? 4230
TIME AFTER PUMPING STARTED (MIN)=? 240

UA= 1.9374E-02 .019

Enter Y for another equation
or N to end program?



EAST-WEST SECTION THROUGH WELLS 1 & 4, PROJECTED TO DEER CREEK
SURFACE ELEVATIONS FROM USGS WOODBURN 7½ MINUTE QUADRANGLE MAP

SRA
1/21/97

AmTest Oregon L.L.C.
formerly WFR LABORATORIES, INC.
Oregon Certified Lab #31
13035 SW PACIFIC HWY.
TIGARD, OR 97223
503-639-9311 Fax 684-1588

Western Sun Landscaping
Attn: Jeff Alzner
8100 SW 71st Ave.
Portland, OR 97223

Report #: 28225

Chemical Laboratory Report
********* 1/3/97 *********

Matrix: Water
(1) Deer Cr.
(2) Well #3
Received: 12/18/96

Analysis	Method	Limit	Results (1)	Results (2)
pH	150.1	6-9	7.27	7.51
Nitrate	4500NO3-D	10.0	3.7	< 0.5 mg/L -
Hardness	130.2	-	84	72 mg/L
Total Dissolved Solids	120.1	-	112	112 mg/L

Reviewed By:
Scott Dickman

DRAFT #2
2/25/97

m:\t\pfo\work\week84\G14305

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-14305

Proposed Final Order

Summary of Recommendation: The Department recommends that the application be denied.

Application History

On May 7, 1996, JEFF R ALZNER submitted an application to the Department for the following water use permit:

- Amount of Water: 210.0 GALLONS PER MINUTE, BEING 30.0 GPM FROM WELL 1, 60.0 GPM FROM WELL 2, 60.0 GPM FROM WELL 3 AND 60.0 GPM FROM WELL 4.
- Use of Water: Agricultural and Irrigation (Nursery Operations) on 15.4 ACRES.
- Source of Water: FOUR WELLS IN PUDDING RIVER BASIN.
- Area of Proposed Use: MARION County within SECTION 11, TOWNSHIP 4 SOUTH, RANGE 1 WEST, W.M.

On October 17, 1996, the Department mailed the applicant notice of its Initial Review, determining that the use of 0.468 cfs of water from 4 Wells is not allowed. The applicant did not notify the Department to stop processing the application within 14 days of that date.

On November 5, 1996, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about both obtaining future notices and a copy of the proposed final order.

No written comments were received within 30 days.

In reviewing applications, the Department may consider any relevant sources of information, including the following:

- comments by or consultation with another state agency.
- any applicable basin program.
- any applicable comprehensiveplan or zoning ordinance.
- the amount of water available.

- the rate and duty for the proposed use.
- pending senior applications and existing water rights of record.
- designations of any critical groundwater areas.
- the Scenic Waterway requirements of ORS 390.835.
- applicable statutes, administrative rules, and case law.
- any general basin-wide standard for flow rate and duty of water allowed.
- the need for a flow rate and duty higher than the general standard.
- any comments received.

Findings of Fact

The Willamette Basin Program allows the following uses: Agricultural and Irrigation (Nursery Operations) on 15.4 ACRES.

Senior water rights exist on FOUR WELLS IN PUDDING RIVER BASIN or on downstream waters.

FOUR WELLS IN PUDDING RIVER BASIN are not within or above a State Scenic Waterway.

Water is available for further appropriation (at an 80 percent exceedance probability) from only NOVEMBER 1 THROUGH APRIL 30 (OAR 690-502-120(5). The Irrigation season is March 1 through October 31;

The Department finds that no more than would be necessary for the proposed use. The amount of water requested, 210.0 GALLONS PER MINUTE, BEING 30.0 GPM FROM WELL 1, 60.0 GPM FROM WELL 2, 60.0 GPM FROM WELL 3 AND 60.0 GPM FROM WELL 4,

a. is allowable.
b. shall be restricted to QUANTITY2.

Notification has been received from the Department of Environmental Quality (DEQ) that the PUDDING River is Water Quality Limited Stream for which Total Maximum Daily Loads have been established. The DEQ requests that no new water rights be issued for the period May 1 though October 31.

Describe water is within a designated critical ground water area.

Describe need for flow rate and duty higher than the general standard in the basin, OR
Recite specific findings related to this application to support a determination that a lesser amount is needed.

The Department determined, based upon OAR 690-09, that the proposed groundwater use

A. will / will not have the potential for substantial interference with the nearest surface water source, namely **AFFECTED SURFACE WATER SOURCE.**
B. will, if properly conditioned, adequately protect the surface water from interference.

The Groundwater Section finds that there **is/is NOT** a preponderance of evidence that the proposed use of groundwater 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.

>>>>[Describe the department's analysis of provisions for prevention of waste and adverse environmental impacts].

>>>>[Recite other facts (not law!) about this specific proposed use that more probably than not would bear on the issues above, i.e., fish, recreation, alternate sources, etc.].

Conclusions of Law

Under the provisions of ORS 537.621, the Department must presume that a proposed use will ensure the preservation of the public welfare, safety and health if the proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12), if water is available, if the proposed use will not injure other water rights and if the proposed use complies with rules of the Water Resources Commission.

The proposed use requested in this application **is/is not** allowed in the Willamette Basin Plan.

A/No preference for this use is granted under the provisions of ORS 536.310(12).

Water **is/is not** available for the proposed use.

The proposed use **will/will not** injure other water rights.

The proposed use **complies/does not comply** with rules of the Water Resources Commission.

The proposed use **is/is not** compatible with applicable land use plans.

A/No proposed flow rate and duty of water higher than the general basin-wide standard is needed. Specifically, a lesser amount is needed because >>>>DESCRIBE WHY.

For these reasons, the required presumption **has/has not** been established.

The application therefore has been processed without the statutory presumption.

Under the provisions of ORS 537.621, once the presumption has been established, it may be overcome by a preponderance of evidence that either:

(a) One or more of the criteria for establishing the presumption are not satisfied; or

(b) The proposed use would not ensure the preservation of the public

welfare, safety and health as demonstrated in comments, in a protest . . . or in a finding of the department that shows:

(A) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected; and

(B) Specifically how the identified aspect of the public welfare, safety and health under ORS 537.525 would be impaired or be adversely affected.

In this application, all criteria for establishing the presumption have been satisfied, as noted above. The presumption **has/has not** been overcome by a preponderance of evidence that the proposed use would impair or be detrimental to the public interest.

>>>>Explain what overcame the presumption and why, OR
>>>>Explain why the presumption was not overcome and the application therefore will be approved, OR nevertheless will not be approved.

The Department therefore concludes that water **is/is not** available in the amount of water necessary for the proposed use; the proposed use **will/will not** result in injury to existing water rights; and the proposed use **would/would not** ensure the preservation of the public welfare, safety and health as described in ORS 537.525.

Recommendation

The Department recommends that the application be denied.

DATED*

_____
Dwight French
Water Rights Section Manager

Protest Rights

Under the provisions of ORS 537.621(7), you have the right to submit a protest against this proposed final order. Your protest must be in writing, and must include the following:

- Your name, address, and telephone number;
- A description of your interest in the proposed final order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in this proposed final order would impair or be detrimental to your interest;
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or

deficiency;

- Any citation of legal authority to support your protest, if known; and
- If you are not the applicant, the $200 protest fee required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting that a contested case hearing be held. If you do not request a hearing, the Department will presume that you do not wish for a hearing to be held.

Your protest must be received in the Water Resources Department no later than **PROTEST DEADLINE.**

After the protest period has ended, the Director will either issue a final order or schedule a contested case hearing. The contested case hearing will be scheduled only if a protest has been submitted and if

- upon review of the issues the director finds that there are significant disputes related to the proposed use of water, or
- the applicant requests a contested case hearing within 30 days after the close of the protest period.

CSL

Application G-14305

COPY CHECK-OFF SHEET FOR PROPOSED FINAL ORDERS

CC: FILE # G-14305

WATERMASTER # District 16

REGIONAL MANAGER:

ODF&W - MARION County:

CWRE (if agent):

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):

CASEWORKER : CSL

PFO CHECKLIST

Application #: ___ _____

Basin: _____ WAB:_____

Township _____ Range _____ Section _____ 1/4 1/4 _____

__A1. Public Interest Screen Criteria

___1. Is the file complete by the Completeness Checklist?

___2. Fees or other shortcomings (items needed before a permit and/or FO can be issued)

___3. Check file for indicators that the process **should not** continue until a later date (ie - protest, letter to file indicating hold, or other)

___4. A groundwater review has been evaluated for substantial interference with surface water (convert old gw conditions to the 7 series and add to the PFO, if necessary)
   ___a. Is second groundwater review necessary? (objection)
   ___b. Is HB 1033 review complete?

___5. Is the source withdrawn or limited? - State Engineer, Legislative (ORS 538), etc.

___6. Is the Proposed Use located in or above a Scenic Waterway?

___7. Is the proposed use located in a TMDL Basin? (Tualatin, Yamhill, Pudding)

___8. Is the use allowed or limited by the Basin Program?

___9. If source is groundwater, is the well located in a groundwater limited area? (If applicable, include map with POD)

__10. Water Availability Data has been verified (50% before July 17, 1992; 80% live flow & 50% storage after July 17, 1992)

__11. Rate_____ Duty_____ Irrigation Season_____

__12. Period of Allowed Use_____

__13. Is use from a B.O.R. project and if so, is a signed contract in the file?

__14. Division 33 has been addressed - if applicable (Above Bonn after July 17, 1992 & Below Bonn after April 8, 1994 or June 3, 1994)

__15. Have conflicts been identified, verified and/or addressed?

__16. Is the use Small ($\leq$0.1cfs, $\leq$9.2AF), Medium (>0.1 or <1.5cfs, >9.2 or <100AF) or Large ($\geq$1.5 cfs, $\geq$100 AF)?_____

__17. Check TR/IR for permit conditions not included in the Draft Permit attached to the PFO

__18. Fill out Accuracy Checklist

__19. Spell Check

__20. Documents used in determination are attached and highlighted

__21. Fill out PFO CC List (a.k.a. the Check-Off Sheet) - don't forget to check for other property owners.
   __a. Does Ken Stahr need to be on the CC list (Rate, Duty and Period of Allowed Use changes)

__22. Final PFO report hard copy check (format, margins, etc.)

__23. Final PFO has been saved to m:\t\pfo\done\week#\application #

Name: _____ Date: _____CSL

please see CAROL if questions

Application G-14305

Oregon Water Resources Department
Water Rights Division

1st draft - toss after RFO done 10/96

Water Rights Application
Number G-14305

Proposed Final Order

Summary of Recommendation: The Department recommends that the application be denied.

Application History

On May 7, 1996, JEFF R ALZNER submitted an application to the Department for the following water use permit:

- Amount of Water: 210.0 GALLONS PER MINUTE (GPM), BEING 30.0 GPM FROM WELL 1, 60.0 GPM FROM WELL 2, 60.0 GPM FROM WELL 3 AND 60.0 GPM FROM WELL 4.
- Use of Water: AGRICULTURAL AND IRRIGATION USES (NURSERY OPERATIONS) ON 15.4 ACRES.
- Source of Water: FOUR WELLS IN PUDDING RIVER BASIN.
- Area of Proposed Use: Marion County within:

SECTION 11
TOWNSHIP 4 SOUTH, RANGE 1 WEST, W.M.

On OCTOBER 17, 1996, the Department mailed the applicant notice of its Initial Review, determining that the use of 0.468 cubic foot per second (cfs) of water from 4 Wells for Nursery Operations is not allowed. The applicant did not notify the Department to stop processing the application within 14 days of that date.

On NOVEMBER 5, 1996, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about both obtaining future notices and a copy of the proposed final order.

??? No written comments were received within 30 days.

Within 30 days of the Department's public notice, written comments were received from >>>>[identify person's commenting].
???

In reviewing applications, the Department may consider any relevant sources of information, including the following:
- comments by or consultation with another state agency
- any applicable basin program
- any applicable comprehensive plan or zoning ordinance
- the amount of water available
- the rate and duty for the proposed use
- pending senior applications and existing water rights of record
- designations of any critical groundwater areas
- the Scenic Waterway requirements of ORS 390.835
- applicable statutes, administrative rules, and case law
- any general basin-wide standard for flow rate and duty of water allowed
- the need for a flow rate and duty higher than the general standard
- any comments received

Findings of Fact

The Willamette Basin Program ~~does not~~ X allows the following uses: AGRICULTURAL AND IRRIGATION USES (NURSERY OPERATIONS) ON 15.4 ACRES. between November 1 through April 30 OAR 690 - - ——
Senior water rights exist on FOUR WELLS IN PUDDING RIVER BASIN or on downstream waters.

FOUR WELLS IN PUDDING RIVER BASIN are not within or above a State Scenic Waterway.

Water **is** ~~not~~ only available for further appropriation (at an 80 percent exceedance probability). between Nov 1 through May 31,

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 DEER CREEK.

The Groundwater Section finds that there **is NOT** a preponderance of evidence that the proposed use of groundwater 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.

Conclusions of Law

Under the provisions of ORS 537.621, the Department must presume that a proposed use will ensure the preservation of the public welfare, safety and health if the proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12), if water is available, if the proposed use will not injure other water rights and if the proposed use complies with rules of the Water Resources Commission.

The proposed use requested in this application **is** allowed in the Willamette Basin Plan.

No preference for this use is granted under the provisions of ORS 536.310(12).

Water **is not** available for the proposed use.

The proposed use **will** injure other water rights.

The proposed use **does not comply** with rules of the Water Resources Commission.

The proposed use **is** compatible with applicable land use plans.

For these reasons, the required presumption **has not** been established.

The application therefore has been processed without the statutory presumption.

The Department therefore concludes that water **is not** available in the amount of water necessary for the proposed use; the proposed use **will** result in injury to existing water rights; and the proposed use **would not** ensure the preservation of the public welfare, safety and health as described in ORS 537.525.

Recommendation

The Department recommends that the application be denied.

DATED 199

Dwight French
Water Rights Section Manager

Protest Rights

Under the provisions of ORS 537.621(7), you have the right to submit a protest against this proposed final order. Your protest must be in writing, and must include the following:

- Your name, address, and telephone number;
- A description of your interest in the proposed final order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in this proposed final order would impair or be detrimental to your interest;
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or deficiency;

- Any citation of legal authority to support your protest, if known; and

- If you are not the applicant, the $200 protest fee required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting that a contested case hearing be held. If you do not request a hearing, the Department will presume that you do not wish for a hearing to be held.

Your protest must be received in the Water Resources Department no later than **1997.**

After the protest period has ended, the Director will either issue a final order or schedule a contested case hearing. The contested case hearing will be scheduled only if a protest has been submitted and if

- upon review of the issues the director finds that there are significant disputes related to the proposed use of water, or
- the applicant requests a contested case hearing within 30 days after the close of the protest period.

CSL

(No response to IR) Application G-14305

DRAFT

PFO CHECKLIST

Application #: G 14305

Basin: 02 WAB: 01041200

Township 4 SOUTH Range 1 WEST Section 11 1/4 1/4 SW

✓ A1. Public Interest Screen Criteria

✓ 1. Is the file complete by the Completeness Checklist?

✓ 2. Fees or other shortcomings (items needed before a permit and/or FO can be issued)
REFUND RECORDING FEE IF APPLICATION IS REJECTED.

✓ 3. Check file for indicators that the process **should not** continue until a later date (ie - protest, letter to file indicating hold, or other)

✓ 4. A groundwater review has been evaluated for substantial interference with surface water (convert old gw conditions to the 7 series and add to the PFO, if necessary)

___a. Is second groundwater review necessary? (objection)

YES b. Is HB 1033 review complete?

N 5. Is the source withdrawn or limited? - State Engineer, Legislative (ORS 538), etc.

N 6. Is the Proposed Use located in or above a Scenic Waterway?

Y 7. Is the proposed use located in a TMDL Basin? (Tualatin, Yamhill, Pudding)
PUDDING

OK,y 8. Is the use allowed or limited by the Basin Program?

N 9. If source is groundwater, is the well located in a groundwater limited area? (If applicable, include map with POD)

✓ 10. Water Availability Data has been verified (50% before July 17, 1992; 80% live flow & 50% storage after July 17, 1992)
NO WATER

✓ 11. Rate NONE Duty 2.5 AF Irrigation Season MARCH 1 - OCT 31

✓ 12. Period of Allowed Use NONE

N/A 13. Is use from a B.O.R. project and if so, is a signed contract in the file?

✓ 14. Division 33 has been addressed - if applicable (Above Bonn after July 17, 1992 & Below Bonn after April 8, 1994 or June 3, 1994)

✓ 15. Have conflicts been identified, verified and/or addressed?

M 16. Is the use Small (≤0.1cfs, ≤9.2AF), Medium (>0.1 or <1.5cfs, >9.2 or <100AF) or Large (≥1.5 cfs, ≥100 AF)?

✓ 17. Check TR/IR for permit conditions not included in the Draft Permit attached to the PFO

✓ 18. Fill out Accuracy Checklist

✓ 19. Spell Check

✓ 20. Documents used in determination are attached.

✓ 21. Fill out PFO CC List (a.k.a. the Check-Off Sheet) - don't forget to check for other property owners.

YES a. Does Ken Stahr need to be on the CC list (Rate, Duty and Period of Allowed Use changes)

✓ 22. Final PFO report hard copy check (format, margins, etc.)

___23. Final PFO has been saved to m:\t\pfo\done\week ___\Application # __

Name: CAROL LEWIS, DATED 11/25/96 (saved (GREEN 'til 12/17/96)

CS

PARRETT MOUNTAIN GROUNDWATER STUDY AREA

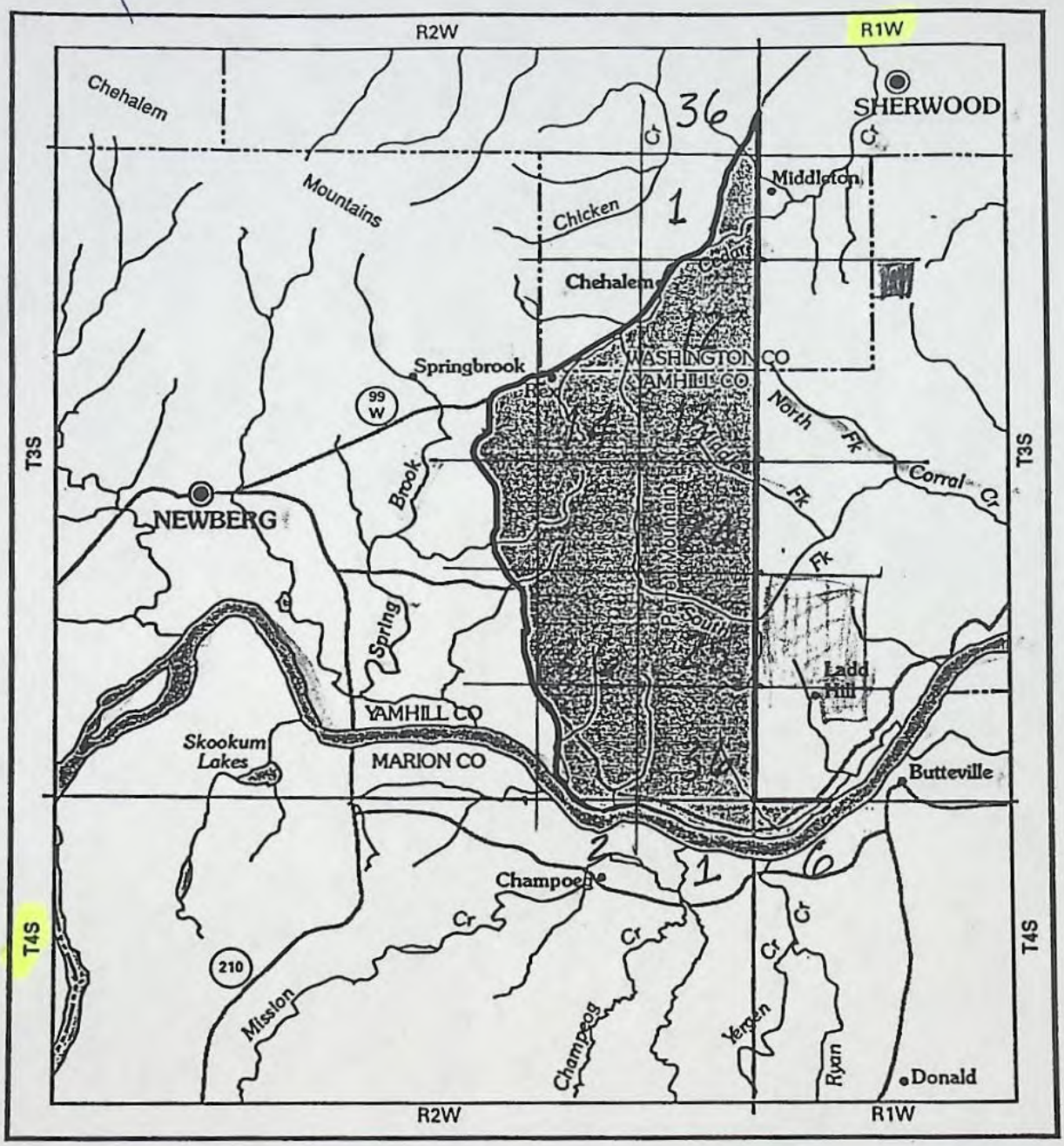
Special Area Well Construction Standards Boundary

Area of Shallow Basalt Groundwater Withdrawn From Further Appropriation

(sources above 300 feet mean sea level)

N/A

Parrett Mtn. Limited Groundwater Area



BASALT AQUIFER
EXEMPT USES ONLY

(9)

ESTES SURVEYS

SURVEYS
CONSULTING

LAND & WATER RIGHTS
Bruce A. Estes, PLS, CWRE

60382 Arnold Rd.
Bend, OR 97702
(503) 382-7391

6293 Sunnyview Rd. NE
Salem, OR 97305
(503) 585-7593
FAX 585-7593

November 30, 1996

Dwight French, Permit Manager
Water Resources Department
158 12th Street NE
Salem, OR 97310-0210

Dear Dwight:

Re: G-14305

As we briefly discussed yesterday Jeff Alzner requested me to investigate the hydraulic connection between his wells and Deer Creek. Sam Allison, a hydro-geologist, will conduct the study with me. Sam & I have not been able to run the pump test yet due to schedule conflicts and lack of pumps and electricity at the well site.

We hereby request an extension of the response time to obtain the necessary information. We also request permission to run the pump test on only one of the four wells. We will of course take readings on the other wells during the test.

If you have any concerns with this proposal please call me. Thanks.

Sincerely,

Bruce

Bruce A. Estes, PLS, CWRE

cc Jeff Alzner
Sam Allison, CEG

IR CHECKLIST

Application #: G 14305 Vol ___ Subbasin _____

Basin: 2 WAB: 01641200 POU-WAB _____

Township 4 S Range 1 W Section 11 1/4 1/4 _____

✓ 1. Completeness checklist verified (Y) / N or No Checklist

✓ 2. Indicators that the process **should not** continue (ie - protest, items missing, letter to file indicating hold, or other) Y / (N)

✓ 3. Groundwater review (A) B C D _____

✓ a. Is the well located in a groundwater limited area? Y / (N) _____

✓ 4. SWW Y / (N) Triage Y / N conditions/restrictions Y / N _____

5. Basin Program limitations? (Y) / N allowed Nov 1 - April 30

✓ 6. Withdrawn? Y / (N) season allowed _____

✓ 7. Basin Maps have been checked. (Y) / N The River Mile is _____

✓ 8. Water Availability (50% < July 17, 1992 * (80%) [50% storage] > July 17, 1992) NA allowed Nov 1 - May 31

✓ 9. Rate/Duty/Season Varies

✓ 10. Use Frrig, Agr. Period of Allowed Use _____

✓ 11. Priority Date(s) May 7, 1996

✓ 12. B.O.R. project Y / (N) contract # _____

✓ 13. TMDL Basin? (Y) / N (Tualatin, Yamhill, (Pudding)) DIVISION 33 Y / N New or Old? Map Date _____

14. Conflicts Y / N _____

✓ 15. Conditions? (BOR, GW, other) (Y) / N 7B, 7E

✓ 16. Land use approval (OK'd) needs approval county notified NA

✓ 17. Watermaster Dist: (1 2 (16) 18 - (NWR)) (3 4 5 - NCR) (6 8 9 10 - ER) (11 12 17 - SCR) (14 15 19 - SWR)

18. Letter will be **Good** **Limited** **Bad** **Bad w/IRshort** because _____

Name: D. K Date: 10-16-96

save to m:\t\ir\sent\app#.w51

natural flows of the Middle Fork Santiam River or its tributaries below 110 cubic feet per second plus waters released from storage of up to 260 cubic feet per second measured at the aforementioned gage;

(b) The South Santiam River or its tributaries above USGS — Corps of Engineers — State Engineer Gage 14187500 (SW 1/4 NW1/4 Section 28, Township 12 South, Range 1 West) at Waterloo, Oregon, for natural flows of the South Santiam River below 170 cubic feet per second plus waters released from storage of up to 930 cubic feet per second measured at the aforementioned gage;

(c) The North Santiam River or its tributaries above USGS Gage 14181500 (NE 1/4 NE 1/4 Section 34, Township 9 South, Range 4 East) at Niagara, Oregon, for natural flows of the North Santiam River below 500 cubic feet per second plus waters released from storage of up to 640 cubic feet per second measured at the aforementioned gage;

(d) The North Santiam River or its tributaries above USGSGage 14183000 (NW 1/4 Section 18, Township 9 South, Range 2 East) at Mehama, Oregon, for natural flows of the North Santiam River below 580 cubic feet per second plus waters released from storage of up to 640 cubic feet per second measured at the aforementioned gage;

(e) The North Santiam River or its tributaries above USGS Gage 14184100 (Section 7, Township 10 South, Range 2 West) near Jefferson, Oregon, for natural flows of the North Santiam River below 430 cubic feet per second plus waters released from storage of up to 640 cubic feet per second measured at the aforementioned gage;

(f) The Santiam River or its tributaries above USGSGage 14189000 (SE 1/4 Section 11, Township 10 South, Range 3 West) at Jefferson, Oregon, for natural flows of the Santiam River below 330 cubic feet per second plus waters released from storage of up to 1,570 cubic feet per second measured at the aforementioned gage;

(g) The Santiam River or its tributaries above the Santiam River — Willamette River confluence for natural flows of the Santiam River below 320 cubic feet per second plus waters released from storage of up to 1,570 cubic feet per second measured at a point between the said confluence and 1.0 miles above said confluence;

(h)The Calapooia River or its tributaries above USGSGage 14172000 (SE1/4 Section 15, Township 14 South, Range 1 West) at Holley, Oregon, for natural flows of the Calapooia River below 30 cubic feet per second plus waters released from storage or up to 340 cubic feet per second measured at the aforementioned gage;

(i) The Calapooia River or its tributaries above USGS Gage 14173500 (NW 1/4 Section 13, Township 11 South, Range 4 West) at Albany, Oregon, for natural flows of the Calapooia River below 20 cubic feet per second plus waters released from storage of up to 340 cubic feet per second measured at the aforementioned gage.

[ED. NOTE: Table 1 referenced in this rule is not printed in the OAR Compilation.Copies may be obtained from the Water Resources Department.]

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

Molalla River — Pudding River Subbasin

690-502-120 The Molalla — Pudding Subbasin includes the drainage area of the Molalla and Pudding Rivers upstream from the confluence with the Willamette River near Canby. Surface water classification:

(1) The following streams and tributaries are withdrawn from further appropriation except storage:

(a) The North and South Forks of Silver Creek above their confluence are withdrawn from further appropriation for any purpose except use in state parks by act of the Legislature, ORS 538.120;

(b)Drift Creek, a tributary of the Pudding River near river mile 51, is withdrawn from further appropriation by order of the State Engineer dated August 8, 1951;

(c) The unnamed stream flowing through Section 25, Township 5 South, Range 2 West, Willamette Meridian and Sections 29, 30 and 32, Township 5 South, Range 1 West, Willamette Meridian, tributary to the Pudding River near river mile 31, is withdrawn from further appropriation by order of the State Engineer dated July 25, 1951;

(d) The unnamed stream flowing through Sections 4, 9 and 10, Township 7 South, Range 1 West, Willamette Meridian, a tributary to Brush Creek near Silverton, is withdrawn from further appropriation by order of the State Engineer dated September 22, 1950;

(e) Rock Creek, tributary to the Pudding River near river mile 12, is withdrawn from further appropriation by order of the State Engineer dated August 13, 1951.

(2) The Molalla River and tributaries, except the Pudding River and tributaries, are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement and public instream uses from November 1 through May 31, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from June 1 through October 31.

(3) The following streams and tributaries are classified year-round for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses only:

(a) Molalla River and Table Rock Fork above their confluence near river mile 40;

(b) Gawley Creek tributary to Molalla River;

(c) Pine Creek tributary to Molalla River;

(d) Trout Creek tributary to Molalla River;

(e) North Fork Molalla River tributary to Molalla River;

(f) Cedar Creek tributary to the Molalla River near river mile 24;

(g) Dickey Creek tributary to Molalla River;

(h)Milk Creek, and Cedar Creek above their confluence near Union Mills tributary to Molalla River;

(i) Gribble Creek tributary to Molalla River;

(j) Ogle Creek tributary to Molalla River.

(4) The Pudding River main stem is classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from October 1 through April 30 and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from May 1 through September 30.

(5) Except as specified in this section, the tributaries of the Pudding River are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from November 1 through April 30 and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from May 1 through October 31.

(6) The following streams and tributaries are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from December 1 through April 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses from May 1 through November 30:

(a) Butte Creek tributary to Pudding River;
(b) Abiqua Creek tributary to Pudding River.

Stat. Auth.: ORS 536.220, 536.300, 536.310, 536.340, 536.410, 537.170, 537.356 & 537.358
Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1992, f. & cert. ef. 9-9-92

Tualatin River Subbasin

690-502-130 The Tualatin subbasin includes the drainage area of the Tualatin River upstream from the confluence with the Willamette River near West Linn:

(1) Surface water classification:

(a) The following streams and tributaries are withdrawn from further appropriation except for storage, unless otherwise indicated, by order of the State Engineer on the specified dates:

(A) Unnamed stream flowing through Sections 10, 15, and 21, Township 1 South, Range 3 West, Willamette Meridian, tributary to the Tualatin River, by order dated August 13, 1951;

(B) Unnamed stream flowing through Sections 32, 33, 34 and 35, Township 1 North, Range 3 West, Willamette Meridian, tributary to Dairy Creek, by order dated July 25, 1951;

(C) Unnamed stream, known locally as Burris Creek, flowing through northeast part of Township 2 South, Range 3 West, Willamette Meridian, and Sections 5 and 6, Township 2 South, Range 2 West, Willamette Meridian, tributary to the Tualatin River, by order dated July 25, 1951;

(D) Unnamed stream flowing in the south part of Township 1 South, Range 2 West, Willamette Meridian, tributary to the Tualatin River, by order dated August 4, 1950;

(E) Unnamed stream flowing through Sections 19, 29, 30, 31 and 32, Township 1 South, Range 3 West, Willamette Meridian, tributary to the Tualatin River, by order dated August 8, 1950;

(F) Clear Creek and Iler Creek west of the north-south line between Township 1 North, Ranges 4 and 5 West, being tributaries to Gales Creek for the exclusive use of the City of Forest Grove under permit 12034, by order dated March 2, 1936;

(G) Unnamed branch of Clear Creek within Sections 18, 19, 29 and 30, Township 1 North, Range 4 West, Willamette Meridian, for the exclusive of the City of Forest Grove under permit 13944 by order dated October 19, 1939.

(b) Except as specified in subsections (a) and (c) of this section, the Tualatin River and tributaries are classified for domestic, livestock, municipal, irrigation, industrial, agricultural, commercial, power in conjunction with storage, fish life, wildlife, recreation, pollution abatement, wetland enhancement and public instream uses from November 1 through April 30, and only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock, wetland enhancement and public instream uses from May 1 through October 31;

(c) The following streams and tributaries are classified year-round only for domestic, commercial use for customarily domestic purposes not to exceed 0.01 cfs, livestock and public instream uses:

(A) McFee Creek tributary to Tualatin River;
(B)Gales Creek tributary to Tualatin River;
(C) East Fork of Dairy Creek tributary to Dairy Creek;
(D) McKay Creek tributary to Dairy Creek;
(E) Scoggins Creek tributary to Tualatin River.

(2) For the purpose of maintaining a minimum perennial streamflow sufficient to support aquatic life and to minimize pollution and of attaining the highest and best use of waters released from storage, no appropriations of water except for

WATER AVAILABILITY TABLE

Basin: WILLAMETTE Exceedance Level: 80
Water Availability Subbasin: 0104120000000000 (and Nested Subbasins)
Time: 08:33 Date: 10/16/1996

Item #	W.A. Subbasin	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Sto
1	0100000000000000	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
2	0104000000000000	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	YES	YES	YES
3	0104100000000000	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	YES	YES	YES
4	0104120000000000	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	YES	YES	YES

← TMDL →

green = OK in Basin Plan
yellow = W.A.

STREAM NAMES

Basin: WILLAMETTE
Water Availability Subbasin: 0104120000000000 (and Nested Subbasins)
Time: 08:33 Date: 10/16/1996

WAB #	Stream Name	Tributary to
0100000000000000	WILLAMETTE R	COLUMBIA R
0104000000000000	MOLALLA R	WILLAMETTE R
0104100000000000	PUDDING R	MOLALLA R
0104120000000000	MILL CR	PUDDING R

LIMITING WATER AVAILABILITY SUBBASINS

Water Availability Subbasin: 0104120000000000
Basin: WILLAMETTE
Exceedance Level: 80
Time: 08:33 Date: 10/16/1996

Month	Limiting Subbasin	Stream Name	Water Available?	Net Water Available
1	0104120000000000	MILL CR	YES	38.2
2	0104120000000000	MILL CR	YES	52.7
3	0104120000000000	MILL CR	YES	37.6
4	0104120000000000	MILL CR	YES	26.7
5	0104120000000000	MILL CR	YES	10.7
6	0104000000000000	MOLALLA R	NO	-166.0
7	0104000000000000	MOLALLA R	NO	-158.0
8	0104000000000000	MOLALLA R	NO	-95.0
9	0104000000000000	MOLALLA R	NO	-77.6
10	0104000000000000	MOLALLA R	NO	-278.0
11	0104120000000000	MILL CR	YES	5.6
12	0104120000000000	MILL CR	YES	25.1
Stor	0104120000000000	MILL CR	YES	28300.0

DETAILED REPORT ON WATER AVAILABILITY

Basin: WILLAMETTE
Stream: WILLAMETTE R > COLUMBIA R
Water Availability Subbasin: 0100000000000000
Exceedance Level: 80
Time: 08:33 Date: 10/16/1996

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	Net Min. Flow 1/1/93	CU + Stor After 1/1/93	Net Min. Flow Now	Instream Water Rights	Net Water Available
1	28800.00	500.00	28300.00	227.00	28100.00	1500.00	26600.00
2	31100.00	3500.00	27600.00	228.00	27400.00	1500.00	25900.00
3	29300.00	4600.00	24700.00	222.00	24500.00	1500.00	23000.00
4	26100.00	4400.00	21700.00	223.00	21500.00	1500.00	20000.00
5	21200.00	2200.00	19000.00	226.00	18800.00	1500.00	17300.00
6	10900.00	1260.00	9640.00	324.00	9320.00	1500.00	7820.00
7	6300.00	1640.00	4660.00	334.00	4330.00	1500.00	2830.00
8	4940.00	1460.00	3480.00	303.00	3180.00	1500.00	1680.00
9	5030.00	1090.00	3940.00	277.00	3660.00	1500.00	2160.00
10	6030.00	360.00	5670.00	185.00	5480.00	1500.00	3980.00
11	12800.00	400.00	12400.00	208.00	12200.00	1500.00	10700.00
12	25800.00	400.00	25400.00	226.00	25200.00	1500.00	23700.00
Stor	19900000	1960000	18000000	179000	17800000	1080000	16700000

DETAILED REPORT OF ISWRs

Basin: WILLAMETTE
Stream: WILLAMETTE R > COLUMBIA R
Water Availability Subbasin: 0100000000000000
Time: 08:33 Date: 10/16/1996

	ISWRs				
APP # :	181A	0	0	0	0	RESULTANT
STATUS:	Cert.					
1	1500.0	0.0	0.0	0.0	0.0	1500.0 C
2	1500.0	0.0	0.0	0.0	0.0	1500.0 C
3	1500.0	0.0	0.0	0.0	0.0	1500.0 C
4	1500.0	0.0	0.0	0.0	0.0	1500.0 C
5	1500.0	0.0	0.0	0.0	0.0	1500.0 C
6	1500.0	0.0	0.0	0.0	0.0	1500.0 C
7	1500.0	0.0	0.0	0.0	0.0	1500.0 C
8	1500.0	0.0	0.0	0.0	0.0	1500.0 C
9	1500.0	0.0	0.0	0.0	0.0	1500.0 C
10	1500.0	0.0	0.0	0.0	0.0	1500.0 C
11	1500.0	0.0	0.0	0.0	0.0	1500.0 C
12	1500.0	0.0	0.0	0.0	0.0	1500.0 C

DETAILED REPORT ON WATER AVAILABILITY

Basin: WILLAMETTE
Stream: MOLALLA R > WILLAMETTE R
Water Availability Subbasin: 0104000000000000
Exceedance Level: 80
Time: 08:33 Date: 10/16/1996

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	Net Min. Flow 1/1/93	CU + Stor After 1/1/93	Net Min. Flow Now	Instream Water Rights	Net Water Available
1	1870.00	20.00	1850.00	10.30	1840.00	500.00	1340.00
2	2010.00	20.00	1990.00	10.50	1980.00	500.00	1480.00
3	1830.00	10.00	1820.00	9.36	1810.00	500.00	1310.00
4	1530.00	10.00	1520.00	9.98	1510.00	500.00	1010.00
5	927.00	47.00	880.00	13.10	867.00	500.00	367.00
6	431.00	79.00	352.00	17.90	334.00	500.00	-166.00
7	204.00	136.00	68.00	26.40	42.00	200.00	-158.00
8	139.00	112.00	27.50	22.50	5.00	100.00	-95.00
9	134.00	48.20	85.80	13.40	72.40	150.00	-77.60
10	188.00	11.00	177.00	5.47	172.00	450.00	-278.00
11	637.00	12.00	625.00	7.15	618.00	500.00	118.00
12	1700.00	20.00	1680.00	10.20	1670.00	500.00	1170.00
Stor	1320000	31500	1290000	9350	1280000	293000	1000000

DETAILED REPORT OF ISWRs

Basin: WILLAMETTE
Stream: MOLALLA R > WILLAMETTE R
Water Availability Subbasin: 0104000000000000
Time: 08:33 Date: 10/16/1996

	ISWRs				
APP # :	69796A	0	0	0	RESULTANT
STATUS:	Cert.				
1	500.0	0.0	0.0	0.0	500.0 C
2	500.0	0.0	0.0	0.0	500.0 C
3	500.0	0.0	0.0	0.0	500.0 C
4	500.0	0.0	0.0	0.0	500.0 C
5	500.0	0.0	0.0	0.0	500.0 C
6	500.0	0.0	0.0	0.0	500.0 C
7	200.0	0.0	0.0	0.0	200.0 C
8	100.0	0.0	0.0	0.0	100.0 C
9	150.0	0.0	0.0	0.0	150.0 C
10	450.0	0.0	0.0	0.0	450.0 C
11	500.0	0.0	0.0	0.0	500.0 C
12	500.0	0.0	0.0	0.0	500.0 C

DETAILED REPORT ON WATER AVAILABILITY

Basin: WILLAMETTE
Stream: PUDDING R > MOLALLA R
Water Availability Subbasin: 01041000000000000
Exceedance Level: 80
Time: 08:33 Date: 10/16/1996

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	Net Min. Flow 1/1/93	CU + Stor After 1/1/93	Net Min. Flow Now	Instream Water Rights	Net Water Available
1	1120.00	20.00	1100.00	7.58	1090.00	80.00	1010.00
2	1260.00	20.00	1240.00	7.78	1230.00	80.00	1150.00
3	1080.00	0.00	1080.00	6.72	1073.00	80.00	993.00
4	834.00	6.00	828.00	7.34	821.00	80.00	741.00
5	448.00	28.00	420.00	10.40	410.00	80.00	330.00
6	231.00	58.00	173.00	15.30	157.70	60.00	97.70
7	111.00	95.90	15.10	23.60	-8.50	50.00	-58.50
8	71.60	77.70	-6.13	19.80	-25.90	40.00	-65.90
9	67.90	41.90	26.00	10.90	15.10	40.00	-24.90
10	91.50	5.60	85.90	3.11	82.80	60.00	22.80
11	364.00	8.00	356.00	4.58	351.00	80.00	271.00
12	1010.00	16.00	994.00	7.45	987.00	80.00	907.00
Stor	746000	23100	723000	7460	716000	48500	671000

DETAILED REPORT OF ISWRs

Basin: WILLAMETTE
Stream: PUDDING R > MOLALLA R
Water Availability Subbasin: 01041000000000000
Time: 08:33 Date: 10/16/1996

	ISWRs					
APP # :	69998A	73532A	0	0	0	RESULTANT
STATUS:	Cert.	App.				
1	80.0	36.0	0.0	0.0	0.0	80.0 C
2	80.0	36.0	0.0	0.0	0.0	80.0 C
3	80.0	36.0	0.0	0.0	0.0	80.0 C
4	80.0	36.0	0.0	0.0	0.0	80.0 C
5	80.0	36.0	0.0	0.0	0.0	80.0 C
6	60.0	36.0	0.0	0.0	0.0	60.0 C
7	50.0	36.0	0.0	0.0	0.0	50.0 C
8	40.0	36.0	0.0	0.0	0.0	40.0 C
9	40.0	36.0	0.0	0.0	0.0	40.0 C
10	60.0	36.0	0.0	0.0	0.0	60.0 C
11	80.0	36.0	0.0	0.0	0.0	80.0 C
12	80.0	36.0	0.0	0.0	0.0	80.0 C

DETAILED REPORT ON WATER AVAILABILITY

Basin: WILLAMETTE
Stream: MILL CR > PUDDING R
Water Availability Subbasin: 01041200000000000
Exceedance Level: 80
Time: 08:33 Date: 10/16/1996

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	Net Min. Flow 1/1/93	CU + Stor After 1/1/93	Net Min. Flow Now	Instream Water Rights	Net Water Available
1	39.20	0.20	39.00	0.79	38.20	0.00	38.20
2	53.90	0.30	53.60	0.88	52.70	0.00	52.70
3	38.40	0.10	38.30	0.69	37.60	0.00	37.60
4	27.60	0.20	27.40	0.70	26.70	0.00	26.70
5	13.70	1.30	12.40	1.67	10.70	0.00	10.70
6	8.72	2.55	6.17	3.16	3.01	0.00	3.01
7	3.79	4.44	-0.65	4.95	-5.60	0.00	-5.60
8	2.09	3.54	-1.45	4.14	-5.59	0.00	-5.59
9	1.88	1.75	0.13	2.29	-2.16	0.00	-2.16
10	2.39	0.16	2.23	0.34	1.89	0.00	1.89
11	6.05	0.06	5.99	0.43	5.56	0.00	5.56
12	25.90	0.10	25.80	0.73	25.10	0.00	25.10
Stor	30000	858	29100	1240	28500	0	28500

DETAILED REPORT OF ISWRs

Basin: WILLAMETTE
Stream: MILL CR > PUDDING R
Water Availability Subbasin: 01041200000000000
Time: 08:33 Date: 10/16/1996

	ISWRs					
APP # :	0	0	0	0	0	RESULTANT
STATUS:						
1	0.0	0.0	0.0	0.0	0.0	0.0 C
2	0.0	0.0	0.0	0.0	0.0	0.0 C
3	0.0	0.0	0.0	0.0	0.0	0.0 C
4	0.0	0.0	0.0	0.0	0.0	0.0 C
5	0.0	0.0	0.0	0.0	0.0	0.0 C
6	0.0	0.0	0.0	0.0	0.0	0.0 C
7	0.0	0.0	0.0	0.0	0.0	0.0 C
8	0.0	0.0	0.0	0.0	0.0	0.0 C
9	0.0	0.0	0.0	0.0	0.0	0.0 C
10	0.0	0.0	0.0	0.0	0.0	0.0 C
11	0.0	0.0	0.0	0.0	0.0	0.0 C
12	0.0	0.0	0.0	0.0	0.0	0.0 C

OREGON WATER RESOURCES PLAT CARD- Township 5.00 S Range 1.00 W SECTION 11 10/16/1986

APP. NO. / PERMIT NO.	CERT NO.		GOVT LOT OLC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
D 336 D 223	27859	V														21.80 (IN)	18.70 (IN)		
D 1855 D 153	30014	V						5.00 (IN)											
D 5954 D 6651	57118	V								(DI)	(DI)	(DI)	(DI)						
D 5881 D 6413	47748	V														18.70 (IN) (S)	18.70 (IN) (S) 1.70 (IR)		
D 8358 D 7435	57754	V								(DD) 8.40 (IR)	(DD) 13.50 (IR)	8.50 (IR) (DD)	4.20 (IR) (DD)						
D 10928 D 12177	53709	V							14.80 (IR)										
DR 80 DR 866	0	V														10.00 (IR)	30.00 (IR)	30.00 (IR)	25.00 (IR)
DR 2068 DR 570	0	V						11.00 (IR)	5.50 (IR)	5.00 (IR)	10.00 (IR)								
S 2557 S 8097	10558	V					(PW) (DD)												
S 20167 S 15748	76713	V												3.00 (IR)					
S 25177 S 23388	22521	V												.20 (IR)	18.40 (IR)				
S 20884 S 15480	52702	V								4.00 (IR)									

FORM No. 881—Oregon Trust Deed Series—TRUST DEED.

00

TRUST DEED

THIS TRUST DEED, made this 9th day of March 19 90, between

JEFFREY R. ALZNER

as Grantor, TICOR TITLE INSURANCE COMPANY OF CALIFORNIA, as Trustee, and

BARBARA J. BLAND

as Beneficiary,

WITNESSETH:

Grantor irrevocably grants, bargains, sells and conveys to trustee in trust, with power of sale, the property in MARION County, Oregon, described as:

Part of the Southwest quarter of Section 11, Township 4 South, Range 1 West of the Willamette Meridian, described as:

Beginning at a point on the East line of said Southwest quarter North 0°06' West 1062.64 feet from the Southeast corner thereof; thence North 0°06' West 551.4 feet to the Southeast corner of a 1.0 acre tract of land conveyed to Alfred and Ruth Mendenhall; thence South 89°28'30" West passing through iron pipes at 30.0 feet and 396.0 feet and continuing to a total distance of 1580.05 feet to an iron rod; thence South 0°06' East 551.4 feet to an iron axle; thence North 89°28'30" East 1580.05 feet to the place of beginning.

together with all and singular the tenements, hereditaments and appurtenances and all other rights thereunto belonging or in anywise now or hereafter appertaining, and the rents, issues and profits thereof and all fixtures now or hereafter attached to or used in connection with said real estate.

FOR THE PURPOSE OF SECURING PERFORMANCE of each agreement of grantor herein contained and payment of the sum of SIXTY FIVE THOUSAND AND 00/100********** Dollars, with interest thereon according to the terms of a promissory note of even date herewith, payable to beneficiary or order and made by grantor, the final payment of principal and interest hereof, if not sooner paid, to be due and payable AS PER NOTE OF EVEN DATE HEREWITH, 19 .

The date of maturity of the debt secured by this instrument is the date, stated above, on which the final installment of said note becomes due and payable. In the event the within described property, or any part thereof, or any interest therein is sold, agreed to be sold, conveyed, assigned or alienated by the grantor without first having obtained the written consent or approval of the beneficiary, then, at the beneficiary's option, all obligations secured by this instrument, irrespective of the maturity dates expressed therein, or herein, shall become immediately due and payable.

To protect the security of this trust deed, grantor agrees:

1. To protect, preserve and maintain said property in good condition and repair; not to remove or demolish any building or improvement thereon; not to commit or permit any waste of said property.

2. To complete or restore promptly and in good and workmanlike manner any building or improvement which may be constructed, damaged or destroyed thereon, and pay when due all costs incurred therefor.

3. To comply with all laws, ordinances, regulations, covenants, conditions and restrictions affecting said property; if the beneficiary so requests, to join in executing such financing statements pursuant to the Uniform Commercial Code as the beneficiary may require and to pay for filing same in the proper public office or offices, as well as the cost of all lien searches made by filing officers or searching agencies as may be deemed desirable by the beneficiary.

4. To provide and continuously maintain insurance on the buildings now or hereafter erected on the said premises against loss or damage by fire and such other hazards as the beneficiary may from time to time require, in an amount not less than MAXIMUM INSURABLE VALUE, written in companies acceptable to the beneficiary, with loss payable to the latter; all policies of insurance shall be delivered to the beneficiary as soon as insured; if the grantor shall fail for any reason to procure any such insurance and to deliver said policies to the beneficiary at least fifteen days prior to the expiration of any policy of insurance now or hereafter placed on said buildings, the beneficiary may procure the same at grantor's expense. The amount collected under any fire or other insurance policy may be applied by beneficiary upon any indebtedness secured hereby and in such order as beneficiary may determine, or at option of beneficiary the entire amount so collected, or any part thereof, may be released to grantor. Such application or release shall not cure or waive any default or notice of default hereunder or invalidate any act done pursuant to such notice.

5. To keep said premises free from construction liens and to pay all taxes, assessments and other charges that may be levied or assessed upon or against said property before any part of such taxes, assessments and other charges become past due or delinquent and promptly deliver receipts therefor to beneficiary; should the grantor fail to make payment of any taxes, assessments, insurance premiums, liens or other charges payable by grantor, either by direct payment or by providing beneficiary with funds with which to make such payment, beneficiary may, at its option, make payment thereof, and the amount so paid, with interest at the rate set forth in the note secured hereby, together with the obligations described in paragraphs 6 and 7 of this trust deed, shall be added to and become a part of the debt secured by this trust deed, without waiver of any rights arising from breach of any of the covenants hereof and for such payments, with interest as aforesaid, the property hereinbefore described, as well as the grantor, shall be bound to the same extent that they are bound for the payment of the obligation herein described, and all such payments shall be immediately due and payable without notice, and the nonpayment thereof shall, at the option of the beneficiary, render all sums secured by this trust deed immediately due and payable and constitute a breach of this trust deed.

6. To pay all costs, fees and expenses of this trust including the cost of title search as well as the other costs and expenses of the trustee incurred in connection with or in enforcing this obligation and trustee's and attorney's fees actually incurred.

7. To appear in and defend any action or proceeding purporting to affect the security rights or powers of beneficiary or trustee; and in any suit, action or proceeding in which the beneficiary or trustee may appear, including any suit for the foreclosure of this deed, to pay all costs and expenses, including evidence of title and the beneficiary's or trustee's attorney's fees; the amount of attorney's fees mentioned in this paragraph 7 in all cases shall be fixed by the trial court and in the event of an appeal from any judgment or decree of the trial court, grantor further agrees to pay such sum as the appellate court shall adjudge reasonable as the beneficiary's or trustee's attorney's fees on such appeal.

It is mutually agreed that:

8. In the event that any portion or all of said property shall be taken under the right of eminent domain or condemnation, beneficiary shall have the right, if it so elects, to require that all or any portion of the monies payable as compensation for such taking, which are in excess of the amount required to pay all reasonable costs, expenses and attorney's fees necessarily paid or incurred by grantor in such proceedings, shall be paid to beneficiary and applied by it first upon any reasonable costs and expenses and attorney's fees, both in the trial and appellate courts, necessarily paid or incurred by beneficiary in such proceedings, and the balance applied upon the indebtedness secured hereby; and grantor agrees, at its own expense, to take such actions and execute such instruments as shall be necessary in obtaining such compensation, promptly upon beneficiary's request.

9. At any time and from time to time upon written request of beneficiary, payment of its fees and presentation of this deed and the note for endorsement (in case of full reconveyances, for cancellation), without affecting the liability of any person for the payment of the indebtedness, trustee may (a) consent to the making of any map or plat of said property; (b) join in granting any easement or creating any restriction thereon; (c) join in any subordination or other agreement affecting this deed or the lien or charge thereof; (d) reconvey, without warranty, all or any part of the property. The grantee in any reconveyance may be described as the "person or persons legally entitled thereto," and the recitals therein of any matters or facts shall be conclusive proof of the truthfulness thereof. Trustee's fees for any of the services mentioned in this paragraph shall be not less than $5.

10. Upon any default by grantor hereunder, beneficiary may at any time without notice, either in person, by agent or by a receiver to be appointed by a court, and without regard to the adequacy of any security for the indebtedness hereby secured, enter upon and take possession of said property or any part thereof, in its own name sue or otherwise collect the rents, issues and profits, including those past due and unpaid, and apply the same, less costs and expenses of operation and collection, including reasonable attorney's fees upon any indebtedness secured hereby, and in such order as beneficiary may determine.

11. The entering upon and taking possession of said property, the collection of such rents, issues and profits, or the proceeds of fire and other insurance policies or compensation or awards for any taking or damage of the property, and the application or release thereof as aforesaid, shall not cure or waive any default or notice of default hereunder or invalidate any act done pursuant to such notice.

12. Upon default by grantor in payment of any indebtedness secured hereby or in his performance of any agreement hereunder, time being of the essence with respect to such payment and/or performance, the beneficiary may declare all sums secured hereby immediately due and payable. In such an event the beneficiary at his election may proceed to foreclose this trust deed in equity as a mortgage or direct the trustee to foreclose this trust deed by advertisement and sale, or may direct the trustee to pursue any other right or remedy, either at law or in equity, which the beneficiary may have. In the event the beneficiary elects to foreclose by advertisement and sale, the beneficiary or the trustee shall execute and cause to be recorded his written notice of default and his election to sell the said described real property to satisfy the obligation secured hereby whereupon the trustee shall fix the time and place of sale, give notice thereof as then required by law and proceed to foreclose this trust deed in the manner provided in ORS 86.735 to 86.795.

13. After the trustee has commenced foreclosure by advertisement and sale, and at any time prior to 5 days before the date the trustee conducts the sale, the grantor or any other person so privileged by ORS 86.753, may cure the default or defaults. If the default consists of a failure to pay, when due, sums secured by the trust deed, the default may be cured by paying the entire amount due at the time of the cure other than such portion as would not then be due had no default occurred. Any other default that is capable of being cured may be cured by tendering the performance required under the obligation or trust deed. In any case, in addition to curing the default or defaults, the person effecting the cure shall pay to the beneficiary all costs and expenses actually incurred in enforcing the obligation of the trust deed together with trustee's and attorney's fees not exceeding the amounts provided by law.

14. Otherwise, the sale shall be held on the date and at the time and place designated in the notice of sale or the time to which said sale may be postponed as provided by law. The trustee may sell said property either in one parcel or in separate parcels and shall sell the parcel or parcels at auction to the highest bidder for cash, payable at the time of sale. Trustee shall deliver to the purchaser its deed in form as required by law conveying the property so sold, but without any covenant or warranty, express or implied. The recitals in the deed of any matters of fact shall be conclusive proof of the truthfulness thereof. Any person, excluding the trustee, but including the grantor and beneficiary, may purchase at the sale.

15. When trustee sells pursuant to the powers provided herein, trustee shall apply the proceeds of sale to payment of (1) the expenses of sale, including the compensation of the trustee and a reasonable charge by trustee's attorney, (2) to the obligation secured by the trust deed, (3) to all persons having recorded liens subsequent to the interest of the trustee in the trust deed as their interests may appear in the order of their priority and (4) the surplus, if any, to the grantor or to his successor in interest entitled to such surplus.

16. Beneficiary may from time to time appoint a successor or successors to any trustee named herein or to any successor trustee appointed hereunder. Upon such appointment, and without conveyance to the successor trustee, the latter shall be vested with all title, powers and duties conferred upon any trustee herein named or appointed hereunder. Each such appointment and substitution shall be made by written instrument executed by beneficiary, which, when recorded in the mortgage records of the county or counties in which the property is situated, shall be conclusive proof of proper appointment of the successor trustee.

17. Trustee accepts this trust when this deed, duly executed and acknowledged is made a public record as provided by law. Trustee is not obligated to notify any party hereto of pending sale under any other deed of trust or of any action or proceeding in which grantor, beneficiary or trustee shall be a party unless such action or proceeding is brought by trustee.

NOTE: The Trust Deed Act provides that the trustee hereunder must be either an attorney, who is an active member of the Oregon State Bar, a bank, trust company or savings and loan association authorized to do business under the laws of Oregon or the United States, a title insurance company authorized to insure title to real property of this state, its subsidiaries, affiliates, agents or branches, the United States or any agency thereof, or an escrow agent licensed under ORS 696.505 to 696.585.

Application No. G-14305
Permit No.

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: Jeff R. Alzner
Address: 8100 SW 71st Avenue
City: Portland *State:* OR *Zip:* 97223 *Day Phone:* 245-8501

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.

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
4S-Range 1W	EFU/Primeltg			
Sec 11	EFU	✓	✓	X
Tax ID #				
40375-000				

Please list all counties and cities within which water is proposed to be diverted, conveyed, and/or used. Marion county (Not in city limits)

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.

RECEIVED
MAY - 7 1996
WATER RESOURCES DEPT.
SALEM, OREGON

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: David Eplins *Date:* 5/1/96

Title: Assistant Planner *Phone:* 584-5088

Signature: D Eplins

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:**

Planning Official Initials: _____

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: Jeff R. Alzner
Address: 8100 SW 71st Ave.
Portland, OR 97223

Phone: 245-8501

Application No. G-14305
Permit No.

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): Nursery stock (field grown and container)
- ☐ 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: _____ _____ _____	_____ Cubic feet per second. 210 Gallons per minute. at peak use _____ Acre-Feet
☐ Reservoir or pond	
☒ Ground Water wells	

RECEIVED
MAY - 7 1996
WATER RESOURCES DEPT.
SALEM, OREGON

FOR OFFICE USE ONLY

Do not send out

Application File Number: G-14305

Applicant: JEFF R ALZNER

County: Marion

Priority Date :May 7, 1996

Source: FOUR WELLS IN PUDDING RIVER BASIN

Use: AGRICULTURAL (NURSERY OPERATIONS) USE ON 15.4 ACRES

Quantity: 210.0 GALLONS PER MINUTE, BEING 30.0 GPM FROM WELL 1, 60.0 GPM FROM WELL 2, 60.0 GPM FROM WELL 3 AND 60.0 GPM FROM WELL 4

Basin Name & Number: Willamette, #02

Point of Diversion Location: SESW, SECTION 11, T 4S, R1W, W.M.; 880 FEET NORTH & 80 FEET WEST FROM S1/4 CORNER, SECTION 11 NESW, SECTION 11, T 4S, R1W, W.M.; 1440 FEET NORTH & 690 FEET WEST FROM S1/4 CORNER, SECTION 11 NESW, SECTION 11, T 4S, R1W, W.M.; 1410 FEET NORTH & 60 FEET WEST FROM S1/4 CORNER, SECTION 11 SESW, SECTION 11, T 4S, R1W, W.M.; 940 FEET NORTH & 750 FEET WEST FROM S1/4 CORNER, SECTION 11

Place of Use: %%NESW 3.3 ACRES %%SESW 12.1 ACRES @@SECTION 11 **TOWNSHIP 4 SOUTH, RANGE 1 WEST, W.M. $#$

FOR OFFICE USE ONLY

PRE-TR APPLICATION PROCESSING OUTLINE

Application File # G14305

MINIMUM REQUIREMENTS TO FILE

OAR 690-11-020

DATE STAMP

DATE	INITIAL	
5-7-96		Name and mailing address of applicant
		Source of water
		Quantity of water
		Map showing location of POD & POU
		Use of water
		Names and addresses of legal owners
		Signature of applicant
		Oath
		Application date stamped per money receipt date
		Land use approved Yes pending _____
		If reservoir < 5 AF $_____, if > 5 AF $_____
		HB 2153/HB 2107 APPLICATION -- SEE REVERSE
		Route to Data Center (Unless 2153/2107)

DATA CENTER

		Stream Code _____
		Entered into WRIS

SUPPORT SERVICES

5/15/96 ↓	CN ↓	Stamp contents with application number
		Mail ack letter (provided by Data Center) with receipt to applicant, cc to CWRE and file
		Place label on file and calender card

APPLICATION SECTION

		Stream Indexed Basin #_____
		Plat Carded and copy made YES NO
		If dam is over 10 feet or storage exceeds 9.2 AC-FT, route file to Dam Safety Section

TR CASEWORKER

		TR Checklist complete YES NO
		Within Irrigation District_____
		District Notified ___ ___
		District excerpt received ___ ___
		TR Mailed DATE_____
		Public Interest Checklist complete ___ ___
		Management Codes _____

REMARKS: _____

5/94

MINIMUM APPLICATION REQUIREMENTS TO FILE:

HB 2153 - existing, small, EXEMPT ponds

_____ NOTICE OF EXEMPT RESERVOIR form (or letter if prior to April 8, 1994).
(date & initials)

_____ Appropriate map (see item 1 on form).

_____ Evidence that reservoir existed before January 1, 1993 (one or more of the following: dated aerial photo, **NOTARIZED** affidavit, dated map from agency, construction receipts or other documentation).

_____ Items 2, 3, 4, 5, and 6 are completed.

_____ Signature (and title, if applicable)

HB 2153 - <u>non-exempt existing ponds (large, on-channel)</u>

Complete Minimum Requirements to File on reverse, except <u>before routing to Data Center, change priority date to 1/1/1993.</u> Also, confirm the following:

_____ Receipt of evidence that reservoir existed before January 1, 1993 (one or more of the following: dated aerial photo, **NOTARIZED** affidavit, dated map from agency, construction receipts or other documentation)

HB 2107 - <u>wetland, stream restoration and storm water management</u>

Complete Minimum Requirements to File on reverse **EXCEPT DO NOT ROUTE TO DATA CENTER, BUT DO <u>ROUTE TO CAROL</u>.** Also confirm the following:

_____ Name/address of adjacent property owner within 1/4 mile
_____ Map with scale not less than 2 in.=1 mi.
_____ CWRE map if > 10 feet dam or > 9.2 AF
_____ Description of proposed use
_____ Condition addressed
_____ Resulting benefits

_____ Public notices (circle) #1 #2

(21072153\cklist.519)

Oregon

WATER
RESOURCES
DEPARTMENT

May 10, 1996

JEFF R ALZNER

8100 SW 71ST AVE
PORTLAND, OR 97223

REFERENCE: File(s) G-14305

This is to let you know we have received your water use permit application, supporting documentation and fees. A receipt is enclosed here unless you were previously issued one. Your application has been assigned the number listed above.

As you may know, we have a backlog of several thousand applications. Senate Bill 674, passed in the 1995 Legislature, gives the Department staffing and administrative tools to work through that backlog. The bill also sets up an expedited application review process for both pending and new applications. We have until October 31, 1996, to complete work on applications filed through June 30, 1995.

This application, and all applications filed between July 1, 1995, and October 31, 1996, must be processed by April 29, 1997. By that date, the Department must have reached a decision on your request or have scheduled a contested case hearing to settle any unresolved dispute related to your application.

If a permit is approved, the use allowed will be subject to existing Basin Program Rules, instream flow requirements, the demands of prior right holders and other limitations as needed to protect the resource. It may also be subject to new criteria or restrictions deemed necessary by the Oregon Water Resources Commission (a citizen body which oversees the agency's activities) to respond to water resource issues, including current and future Endangered Species Act fish listings.

The filing of an application does not allow you to use water. By law, an applicant may not legally store, divert or use water until the Department issues a final order approving a water right permit. Please bear in mind that the issuance of a permit is not guaranteed; therefore, the Department advises against investments in storage or delivery systems until you receive a permit.

If you have questions about your application, write to us at 158 12th St. NE, Salem, OR 97310 or call the Water Rights Information Group--Ext. 499 at 503-378-8455 or toll-free 800-624-3199. Please refer to your application file number in your inquiry.

Sincerely,

Ms. Anita McLoud
Water Rights Specialist
Water Rights Division

Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

STATE OF OREGON
WATER RESOURCES DEPARTMENT
158 12TH ST. N.E.
SALEM, OR 97310-0210
378-8455 / 378-8130 (FAX)

RECEIPT # INVOICE # 002095

RECEIVED FROM: Jeff Alzner
BY:

APPLICATION	G14305
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # 1124 ☒ OTHER: (IDENTIFY) ☐

TOTAL REC'D $ 200.00

0417 WRD MISC CASH ACCT

	ADJUDICATIONS	$
	PUBLICATIONS / MAPS	$
____	OTHER: (IDENTIFY) ____	$
____	OTHER: (IDENTIFY) ____	$

REDUCTION OF EXPENSE

CASH ACCT. ____ $

PCA AND OBJECT CLASS ____ VOUCHER # ____

0427 WRD OPERATING ACCT

MISCELLANEOUS

0407	COPY FEES	$
0410	RESEARCH FEES	$
0408	MISC REVENUE: (IDENTIFY) ____	$
TC165	DEPOSIT LIAB. (IDENTIFY) ____	$

WATER RIGHTS:

		EXAM FEE		RECORD FEE
0201	SURFACE WATER	$	0202	$
0203	GROUND WATER Perm 66111	$ 200.00	0204	$ -0-
0205	TRANSFER	$	0206	$

WELL CONSTRUCTION

		EXAM FEE		LICENSE FEE
0218	WELL DRILL CONSTRUCTOR	$	0219	$
	LANDOWNER'S PERMIT		0220	$

____ OTHER (IDENTIFY) ____

0437 WELL CONST. START FEE

0211	WELL CONST START FEE	$	CARD #	
0210	MONITORING WELLS	$	CARD #	

____ OTHER (IDENTIFY) ____

0539 LOTTERY PROCEEDS

1302	LOTTERY PROCEEDS	$

0467 HYDRO ACTIVITY

		LIC NUMBER	
0233	POWER LICENSE FEE (FW/WRD)		$
0231	HYDRO LICENSE FEE (FW/WRD)		$
____	HRDRO APPLICATION ____		$

RECEIPT # 002095 DATED: 5-7-96 BY: JLD

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

STATE OF OREGON

WATER RESOURCES DEPARTMENT

158 12TH ST. N.E.
SALEM, OR 97310-0210
378-8455 / 378-8130 (FAX)

RECEIPT # *

INVOICE # 002094

RECEIVED FROM: Jesse Olsnes

BY:

APPLICATION	G14305
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # ☒ 24-22 OTHER: (IDENTIFY) ☐

TOTAL REC'D $ 180.00

0417 WRD MISC CASH ACCT

	ADJUDICATIONS	$
	PUBLICATIONS / MAPS	$
_____	OTHER: (IDENTIFY) _____	$
_____	OTHER: (IDENTIFY) _____	$

REDUCTION OF EXPENSE

_____ CASH ACCT. _____ $

_____ PCA AND OBJECT CLASS _____ VOUCHER #

0427 WRD OPERATING ACCT

	MISCELLANEOUS				
0407	COPY FEES				$
0410	RESEARCH FEES				$
0408	MISC REVENUE: (IDENTIFY) _____				$
TC165	DEPOSIT LIAB. (IDENTIFY) _____				$
	WATER RIGHTS:	**EXAM FEE**		**RECORD FEE**	
0201	SURFACE WATER	$	0202	$	
0203	GROUND WATER PCA66111	$	0204	$	180.00
0205	TRANSFER	$	0206	$	
	WELL CONSTRUCTION	**EXAM FEE**		**LICENSE FEE**	
0218	WELL DRILL CONSTRUCTOR	$	0219	$	
	LANDOWNER'S PERMIT		0220	$	

_____ OTHER (IDENTIFY) _____

0437 WELL CONST. START FEE

0211	WELL CONST START FEE	$	CARD #	
0210	MONITORING WELLS	$	CARD #	

_____ OTHER (IDENTIFY) _____

0539 LOTTERY PROCEEDS

1302	LOTTERY PROCEEDS	$

0467 HYDRO ACTIVITY

		LIC NUMBER	
0233	POWER LICENSE FEE (FW/WRD)		$
0231	HYDRO LICENSE FEE (FW/WRD)		$
_____	HRDRO APPLICATION _____		$

RECEIPT # 002094 DATED: 5-7-96 BY: Flo L

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

STATE OF OREGON
WATER RESOURCES DEPARTMENT
158 12TH ST. N.E.
SALEM, OR 97310-0210
378-8455 / 378-8130 (FAX)

RECEIPT # 17033 INVOICE # _____

RECEIVED FROM: Western Sun Landscaping
BY: _____

APPLICATION	G14305
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # ☒ 24-22 OTHER: (IDENTIFY) ☐ _____

TOTAL REC'D $ 32.00

0417 WRD MISC CASH ACCT

	ADJUDICATIONS		$
	PUBLICATIONS / MAPS		$
_____	OTHER: (IDENTIFY)	_____	$
_____	OTHER: (IDENTIFY)	_____	$

REDUCTION OF EXPENSE

_____ CASH ACCT. $

_____ PCA AND OBJECT CLASS _____ VOUCHER #

0427 WRD OPERATING ACCT

PCA 66111

MISCELLANEOUS

0407	COPY & TAPE FEES		$
0410	RESEARCH FEES		$
0408	MISC REVENUE: (IDENTIFY)	_____	$
(New) TC165	DEPOSIT LIAB. (IDENTIFY)	_____	$

(Existing) TC168	**WATER RIGHTS:**	**EXAM FEE**			**RECORD FEE**
0201	SURFACE WATER	$	0202	$	
0203	GROUND WATER	$	0204	$	32.00
0205	TRANSFER	$	0206	$	
	WELL CONSTRUCTION	**EXAM FEE**			**LICENSE FEE**
0218	WELL DRILL CONSTRUCTOR	$	0219	$	
	LANDOWNER'S PERMIT		0220	$	

_____ OTHER (IDENTIFY) _____

0437 WELL CONST. START FEE

0211	WELL CONST START FEE	$	CARD #	
0210	MONITORING WELLS	$	CARD #	

_____ OTHER (IDENTIFY) _____

0539 LOTTERY PROCEEDS

1302	LOTTERY PROCEEDS	$

0467 HYDRO ACTIVITY

		LIC NUMBER	
0233	POWER LICENSE FEE (FW/WRD)		$
0231	HYDRO LICENSE FEE (FW/WRD)		$
_____	HRDRO APPLICATION	_____	$

RECEIPT # 17033 DATED: 10-24-97 BY: [illegible]

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

NUMBER 0560

Check 32 00 Mo. Cash

____ Surface Application

____ Reservoir Application

__X__ Ground Water Application

____ Transfer Application

____ PFO Request

____ Research

____ Hydroelectric Fees

____ Copying

____ Assignment

____ Extension of Time

____ Protest

__X__ Other FO

0/32

G-14305

Doug B

(101

Application No. G 14305

Permit No. G-13257

Name JEFF R ALZNER

Address 8100 SW 71ST AVE
PORTLAND, OR 97223

Assigned

Address

Beginning construction 11/19/98

Completion of construction

Extended to

Complete application of water 10/1/01

Extended to

Form 111

FILE#: G 14305

JEFF R ALZNER
8100 SW 71ST AVE
PORTLAND, OR 97223

FILE#: G 14305

JEFF R ALZNER
8100 SW 71ST AVE
PORTLAND, OR 97223

FILE#: G 14305

JEFF R ALZNER
8100 SW 71ST AVE
PORTLAND, OR 97223