



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

May 17, 2004

GEORGE FARDELMANN
1257 SISKIYOU BLVD. #37
ASHLAND, OR 97520

Re: File-G-16082

The above application was withdrawn from the records of the Water Resources Department on May 17, 2004, in Special Order Volume 60 page 34. Enclosed is a copy of that order and a refund check of \$350.00. The application is of no further force or effect.

If you have any questions, contact the Water Rights Section at 503.986.0801.

Sincerely,

Susan Baker
Susan Baker
Water Rights Section

Enclosure

cc: Watermaster #13
Data Center
Ken Stahr, WRD
Jerry Vogt, ODFW



BEFORE THE WATER RESOURCES DIRECTOR OF OREGON

JACKSON COUNTY

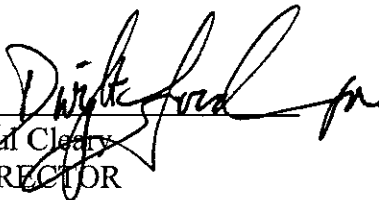
IN THE MATTER OF THE WITHDRAWAL) FINAL
OF APPLICATION FOR G-16082) ORDER

The following application for permit is being voluntarily withdrawn by the applicant.

<u>APPLICANT</u>	<u>APPL.#</u>	<u>BASIN #</u>
GEORGE FARDELMANN	G-16082	15

It is ORDERED that the application is of no further force or effect.

Dated at Salem, Oregon, May 17, 2004.


Paul Cleary
DIRECTOR

This is a final order in other than contested case. Pursuant to ORS 536.075 and OAR 137-004-080 and OAR 690-01-005 you may either petition the Director for reconsideration of this order or petition for judicial review of this order. As provided in ORS 536.075, this order is subject to judicial review under ORS 183.484. Any petition for judicial review of the order must be filed within the 60 day time period specified by ORS 183.484(2).

STATE OF OREGON REMITTANCE ADVICE

TO SIGN UP FOR DIRECT DEPOSIT PAYMENT SERVICE AND RECEIVE CONVENIENT, ELECTRONIC PAYMENTS, LOG-ON TO <http://egov.oregon.gov/DAS/SCD/SFMS/ach.shtml> ON THE INTERNET. CLICK ON: FORMS AND BROCHURES THEN SELECT DIRECT DEPOSIT (ACH) AUTHORIZATION FORM.

WARRANT NO.
118380624

WATER RESOURCES DEPARTMENT

(503) 986-0926 EXT.

INVOICE NO.	INVOICE DATE	INVOICE DESCRIPTION	AGY	DOCUMENT	AMOUNT
		62534 - G16082 REVENUE REFUND	690	VP020202	350.00

VENDOR NAME:	GEORGE FARDELMANN	ISSUE DATE:	06/09/04	WARRANT AMOUNT	350.00
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STATE OF OREGON
Dept of Administrative Services
To the State Treasurer, Salem, OR 97301-3896
WATER RESOURCES DEPARTMENT
(503) 986-0926 EXT.

96-10
1232
CHECK DATE
06/09/04



BANK WARRANT NO.
11 8380624

PAY THIS AMOUNT
\$350.00

DOCUMENT NO.
VP020202

*****THREE HUNDRED FIFTY AND 00/100 DOLLARS

PAY TO THE ORDER OF:

GEORGE FARDELMANN
1257 SISKIYOU BLVD
ASHLAND OR 97520

VOID AFTER 2 YEARS FROM DATE OF ISSUE

John J. Farfel
AUTHORIZED SIGNATURE

INTEROFFICE MEMO

DATE: May 17, 2004

TO: FISCAL SECTION

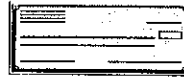
FROM: ~~SUSAN BAKER~~

SUPERVISOR APPROVAL

Jannine Fiss

[Handwritten Signature]

SUBJECT: Request for refund check



Please refund \$350.00 to GEORGE FARDELMANN
file # G-16082, receipt # 62534. These funds
are refunded because:

- Application rejected
- Application withdrawn
- Excess fees collected for assignment
- Excess fees collected for extension
- Other

MAILING ADDRESS:

GEORGE FARDELMANN
1257 SISKIYOU BLVD
ASHLAND, OR 97520

0203

JUN 01 2004

STOP PROCESSING

G-16082

Notification to withdraw Water Right Application # _____ WAB # _____

After looking over the Initial Review materials, I am requesting that the processing of my application be stopped and the fees (minus a \$50 examination fee) be refunded. I understand that without a permit I may not legally use the water as requested in my application.

Signed: Gege Fardella

Date: 5-10-04

Signed: _____

Date: _____

(authorized agent)

NOTED
5/10/04

Under ORS 537.150(sw)/537.620(gw), timely submission of this request authorizes that the water right application process be stopped and all filing fees, except \$50, be returned.

This notice must be received by the Water Resources Department by: _____

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **62534**

158 12TH ST. N.E.
SALEM, OR 97301-4172
378-8455 / 378-8130 (FAX)

INVOICE # _____

RECEIVED FROM: George E. Fardelmann

APPLICATION	<u>G 16082</u>
PERMIT	
TRANSFER	

BY: _____

CASH: CHECK.# 1128 OTHER: (IDENTIFY)

TOTAL REC'D: \$ 940.00

0401 TREASURY 0417 WRD MISC CASH ACCT

0407	COPIES		\$
	OTHER: (IDENTIFY)		\$
	OTHER: (IDENTIFY)		\$

0427 WRD OPERATING ACCT

	MISCELLANEOUS	<u>G-16082 \$400.00</u>	
0407	COPY & TAPE FEES	<u>R 85781 \$50.00</u>	\$
0410	RESEARCH FEES	<u>R 85782 \$20.00</u>	\$
0408	MISC REVENUE: (IDENTIFY)	<u>R 85783 \$70.00</u>	\$
TC162	DEPOSIT LIAB. (IDENTIFY)	<u>S 85784 \$400.00</u>	\$
0240	EXTENSION OF TIME		\$
	WATER RIGHTS:		
		EXAM FEE	RECORD FEE
0201	SURFACE WATER	<u>\$540.00</u>	0202 \$
0203	GROUND WATER	<u>\$400.00</u>	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: **62534**

DATED: 9/2/03 BY Connie Vance

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

ODFW Division 33 Application Review Sheet
Recommendations for Water Right Applications that may affect the Habitat of
Sensitive, Threatened or Endangered Fish Species OAR 690-33-310 through 340
Date: April 16, 2004 **30 Day Deadline:** May 17, 2004

Application # G-16082 Name: Fardelmann

- 1) **Will the proposed use occur in an area that may affect the essential habitat of sensitive, threatened or endangered fish species? [690-33-330(1)]** Yes
Species? Steelhead Status (S, T, E): Sensitive
What stage or value is at risk: spawning, incubation, rearing, passage, habitat value

- 2) **Will the proposed use result in a loss in the essential habitat of threatened or endangered species or a net loss in the habitat of sensitive species? Yes**
A) Standard of "net loss" applies to sensitive species statewide [690-33-330(2)(a)]
B) Standard of "loss" of applies to T or E species outside the Columbia Basin [690-33-330(2)(b)]

- 3) **Can conditions be applied to mitigate the impact to the essential habitat of STE species? [690-33-330(3)]** No

Which conditions are recommended? (Try to select those from the menu)

WRD has determined that the proposed groundwater use will have the potential for substantial interference with surface water in Hukill Hollow, a tributary of Sterling Creek, and that surface water is not available any time of year. The use of live flow, if approved would impact steelhead habitat in downstream reaches and this impact could not be mitigated by permit condition.

- 4) **If conditions cannot be identified to offset impacts to the essential habitat of STE fish species, would the proposed use harm the species? [690-33-330(4)]** Yes
If yes, explain This use would apparently reduce streamflows in Hukill Hollow, and subsequently in Sterling Creek. Sterling Creek is an intermittent stream that supports populations of steelhead. Reductions in streamflow in Hukill Hollow could degrade habitat conditions in Sterling Creek by reducing the amount of physical habitat available to spawning and rearing fish and by increasing water temperatures in the stream. Reduced streamflows during the migration season of adult resident and anadromous salmonids could also impair fish passage.

- 5) **If a permit is issued, what fish screen, bypass or other conditions should be included in the permit?**
There are no fish present at the proposed point of diversion, so no fish passage or screening conditions are necessary.

ODFW Representative

Name: Jerry Vogt

Date: May 5, 2004

WRD Contact: Caseworker: Jeana Eastman, Water Rights Division

Phone: 503-986-0859, Fax: 503-986-0901, Email: jeana.m.eastman@wrd.or.state.us



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

April 30, 2004

GEORGE FARDELMANN
1257 SISKIYOU BLVD #37
ASHLAND, OR 97520

RE: Application G-16082

Dear Mr. Fardelmann:

On April 30, 2004, the Water Resources Department received your letter requesting an 180 day administrative hold on processing the above referenced application.

The Department will not take any action on this application until **October 30, 2004**. Please let us know if you are ready to proceed sooner or if you need additional time.

If you have any questions, please feel free to call me at 503-986-0859.

Sincerely,

Jeana Eastman
Water Rights Caseworker

cc: Watermaster District #13
File

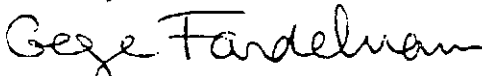
April 30, 2004

Jeana Eastman
Water Resources Dept.
North Mall Office Building
725 Summer St. NE, Suite A
Salem, OR 97301-1271

Dear Ms. Eastman:

Please put my ground water application (G-16082) on ~~administration~~ hold for 6 months.
Thank you

Sincerely:


George Fardelmann

Jeana Eastman
Water Resources
158 12th St. NE
Salem, OR 97301-4172

Dear Jeana,
Please change the mailing address on my water rights applications (ground and surface)
to:

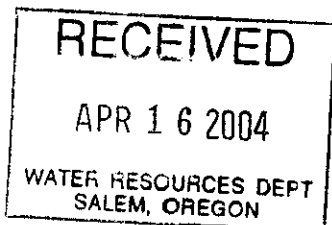
George Fardelmann
1257 Siskiyou Blvd. #37
Ashland, OR 97520
The phone number should be the same. 541-899-3791
Thank you.

Sincerely:


George Fardelmann

G- 1608 2

S - 85784

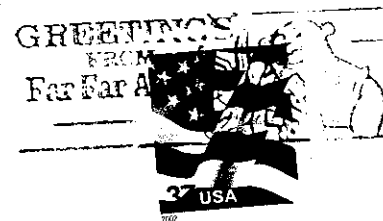


Fardelmann
1257 Siskiyou Blvd

#37
~~Asland~~
~~Salem~~ OR
97520

D-16082
85784

attn: Jeana Eastman
OR. Water Resources Dept
725 Summer St. Suite A
Salem OR 97301



97301+1271





Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

April 16, 2004

GEORGE FARDELMANN
490 LIBERTY ST
ASHLAND, OR 97520

(541)899-3791

Reference: File G-16082

Dear Mr. Fardelmann:

**THIS IS NOT A PERMIT AND IS
SUBJECT TO CHANGE AT THE NEXT PHASE OF PROCESSING.**

This letter is to inform you of the preliminary analysis of your water use permit application and to describe your options. In determining whether a water use permit application may be approved, the Department must consider the factors listed below, all of which must be favorable to the proposed use if it is to be allowed. Based on the information you have supplied, the Water Resources Department has made the following preliminary determinations:

Initial Review Determinations:

1. The proposed use is not prohibited by law or rule except where otherwise noted below.
2. The use of water from a well in Hukill Hollow Basin for irrigation **is classified** under OAR 690-515-0030(1)(a), the Rogue Basin Program.
3. The Department has 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 Hukill Hollow. Therefore limitations to the surface water source must be applied to this application also.
4. Surface water in the amount of 0.056 cubic foot per second for supplemental irrigation use on 7.26 acres **is not available** at any time of the year.
5. Your proposed use falls within a high priority area for streamflow restoration under the Oregon Plan for Salmon & Watersheds.

Summary of Allowable Water Use

Because item #4 above is unfavorable, the use of 0.056 cubic foot per second of water from a well in Hukill Hollow Basin for supplemental irrigation use on 7.26 acres is not allowable, and it appears unlikely that you will be issued a permit. At this time, you must decide whether to proceed or to withdraw your application as described below.

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 **Friday, April 30, 2004**. 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. Measurement, recording and reporting conditions:
 - A. The Director may require the permittee to install a meter or other suitable measuring device as approved by the Director. If the Director notifies the permittee to install a meter or other measuring device, the permittee shall install such device within the period stated in the notice. Such installation period shall not be less than 90 days unless special circumstances warrant a shorter installation period. Once installed, the permittee shall maintain the meter or measuring device in good working order and shall allow the watermaster access to the meter or measuring device. The Director may provide an opportunity for the permittee to submit alternative measuring procedures for review and approval.
 - B. 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.

2. 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.
3. To monitor the effect of water use from the well 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.

4. If the number, location, or construction of any well deviates from that proposed in the permit application or permit conditions, the conclusions of the Proposed Final Order and Final Order under which this permit was granted may be revised, conditions may be appropriately revised, or this permit may not be valid.
5. Use of water under authority of this permit may be regulated if analysis of data available after the permit is issued discloses that the appropriation 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 in effect as of the priority date of the right or as those quantities may be subsequently reduced.
6. The tentative priority date for this application is September 2, 2003.

WARNING: This initial review does not attempt to address various public interest issues such as sensitive, threatened, or endangered fish species. These issues will be addressed as the Department reviews public comments and prepares a proposed final order. You should be aware that, if significant public interest issues are found to exist, such a finding could have an impact on the eventual outcome of your application.

The water source identified in your application may be affected by an Agricultural Water Quality Management Area Plan. These plans are developed by the Oregon Department of Agriculture (ODA) with the cooperation of local landowners and other interested stakeholders, and help to ensure that current and new appropriations of water are done in a way that does not adversely harm the environment. You are encouraged to explore ODA's Water Quality Program web site at http://www.oda.state.or.us/nrd/water_quality/index.html to learn more about the plans and how they may affect your proposed water use.

If you have any questions:

Questions about the status of your application, processing time lines, or your upcoming Proposed Final Order should be directed to our Water Right Information Group at 503-986-0801. Feel free to call me at 503-986-0859 if you have any questions regarding the contents of this letter. Please have your application number available if you call. Address all other correspondence to: Water Rights Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271, Fax: 503-986-0901.

Sincerely,



Jeana Eastman
Water Right Application Caseworker

enclosures: Flow Chart of Water Right Process
 Stop Processing Form

G-16082
wab 15-70982
pou 15-70982
gw A

APPLICATION FACT SHEET

*Mail to: Applicant, Watermaster, District Biologist (ODFW)
If necessary, also mail to : Regional Water quality manager (DEQ), and DOA*

Application File Number: G-16082

Applicant: GEORGE FARDELMANN

County: Jackson

Watermaster: 13

Priority Date: September 2, 2003

Source: A WELL IN HUKILL HOLLOW BASIN

Use: SUPPLEMENTAL IRRIGATION USE ON 7.26 ACRES

Quantity: 0.056 CUBIC FOOT PER SECOND

Basin Name & Number: Rogue, #15

Stream Index Reference: Volume 6A STERLING CR MISC

Point of Diversion Location: SWSE, SECTION 6, T39S, R2W, W.M.; 192 FEET NORTH & 1334 FEET WEST FROM SE CORNER, SECTION 6

Place of Use: SWNE 1.09 ACRES, NWSE 3.71 ACRES, SWSE 2.02 ACRES, SECTION 6, NWNE 0.44 ACRE, SECTION 7, TOWNSHIP 39 SOUTH, RANGE 2 WEST, W.M.

14 DAY STOP PROCESSING DEADLINE DATE: Friday, April 30, 2004

PUBLIC NOTICE DATE: Tuesday, April 20, 2004

30 DAY COMMENT DEADLINE DATE: Thursday, May 20, 2004

Application Map Supplemental Irrigation From Ground Water

Township 39 South, Range 2 West
Sections 6 & 7, W.M.

31 32

6 5

6 5

7 8

TL 39-2W-1600

SW NE
1.09 AC

NW SE
3.71 AC

SW SE
2.02 AC

NW NE
0.44 AC

Reservoir that will be used
for distribution of ground water

Pipeline connecting well to
storage and irrigated parcels

Well located
N 192, W 1334
From SE Cor, Sec 6



Scale 1" = 1000'

Legend



Supplemental irrigation



Section line



Quarter-quarter line

RECEIVED

SEP 02 2003

WATER RESOURCES DEPT.
SALEM, OREGON

app no G-16082

Mailing List for IR Copies

Application #G-16082

IR Date: April 16, 2004

Original mailed to:

Applicant: GEORGE FARDELMANN
490 LIBERTY ST
ASHLAND, OR 97520

Copies sent to:

- 1. WRD - File # G-16082
- 2. WRD - Water Availability: Ken Stahr

IR, Map, and Fact Sheet Copies sent to:

- 3. WRD -Regional Manager SWR
- 4. WRD - Dave Jarrett

<p>Copies Mailed By: <u>ZCB</u> (SUPPORT STAFF) on: <u>4/16/04</u> (DATE)</p>

Note to Support: staple Division 33 Review Forms to front of copy packet for the following:

- 1) Watermaster 2) ODFW 3) DEQ (if indicated below)

- 5. WRD - Watermaster # 13 + **Watermaster Form**
- 6. ODFW District Biologist: Jerry Vogt + **ODFW Form 2 (L. Col./Statewide)**
- 7. DEQ: John Blanchard + **DEQ Form**
- 8. DOA: Jim Johnson

Copies sent to Other Interested Persons (*CWRE, Agent, Well Driller, Commenter, etc.*)

9.

ID# jme

COPY/SH/IR

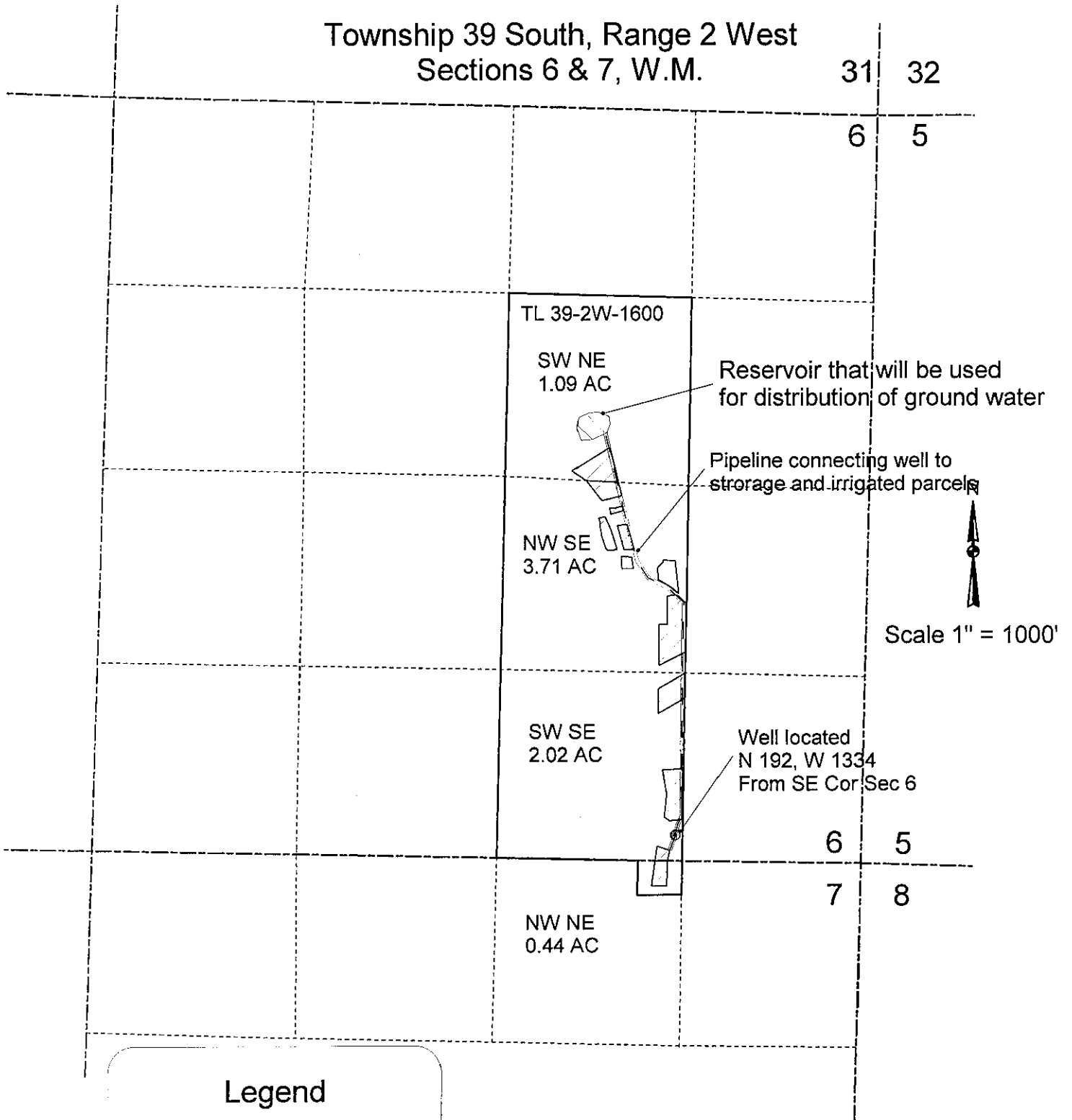
REMINDER: Copy *all* IR's for uses in the geographic Umatilla Basin to Confederated Tribes of the Umatilla Indian Reservation, PO Box 638, 73239 Confederated Way, Pendleton, OR 97801.

REMINDER: Copy *all* IR's for uses in the Klamath Basin to DEQ and ODFW contacts, regardless of whether they are subject to Division 33. (If they are not subject to Division 33, do not include Division 33 forms.)

Application Map

Supplemental Irrigation From Ground Water

Township 39 South, Range 2 West
Sections 6 & 7, W.M.

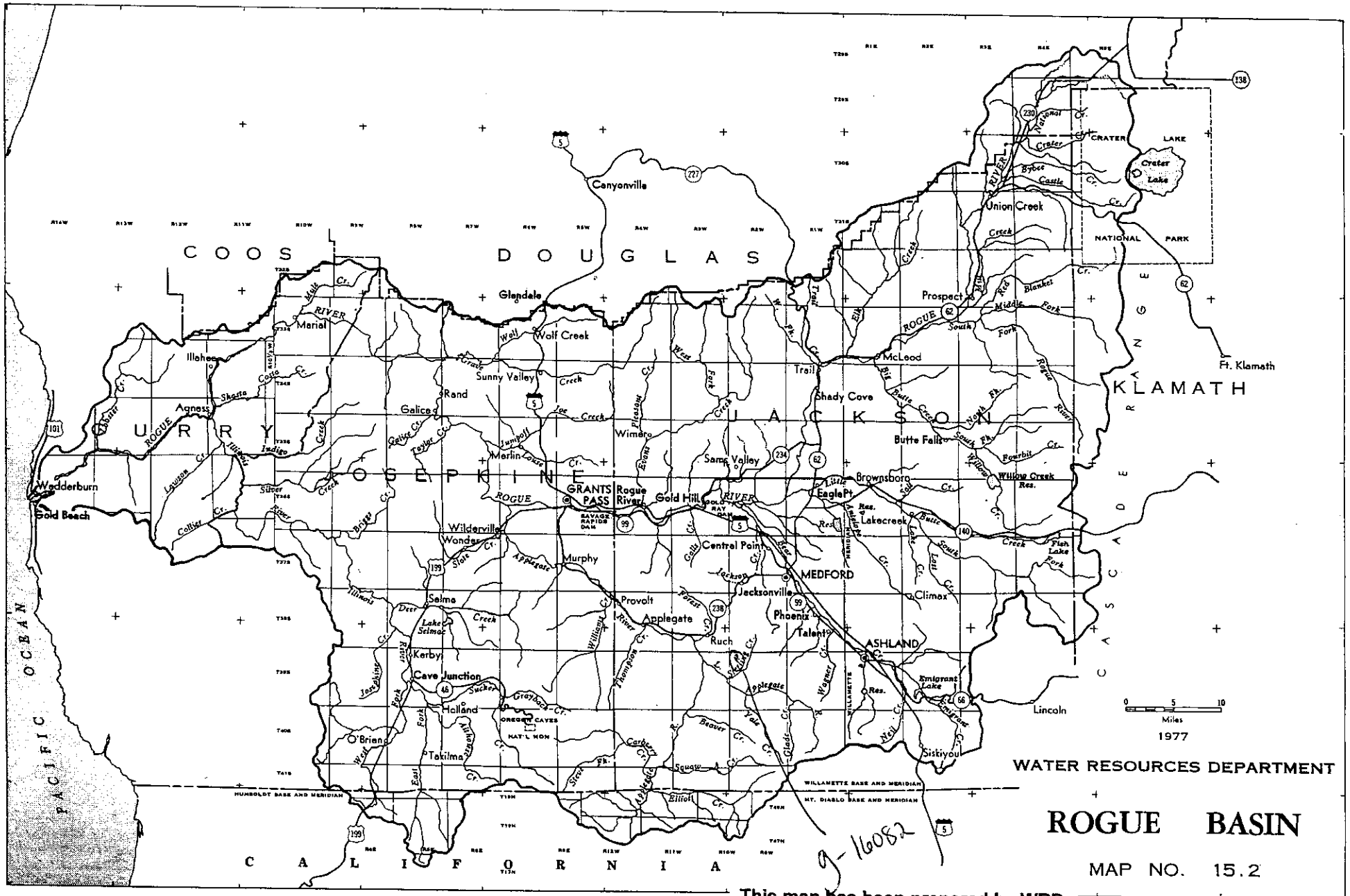


Legend

- Supplemental irrigation
- Section line
- Quarter-quarter line

RECEIVED
SEP 02 2003
WATER RESOURCES DEPT.
SALEM, OREGON

app no G-16082



This map has been prepared by WRD to assist you in the review of this application. The dot in the center of the bullseye is a close approximation of the proposed diversion.

IR CHECKLIST

Application # g-16082 County Jack Basin 15-rogu WAB 15-70982
Township 39s Range 2w Section 6 1/4 1/4 see map

- 1. Prohibited by ORS 538? If so, do not do an IR; return app & fees to applicant.
- 2. Use is-7.26 ac Priority Date(s) 9/2/03 (If quasi/muni, send to Doug Parrow)
- 3. Rate 1/80 Rate Max 0.09 cfs Req 25 gpm = 0.056 cfs
Duty 2.5 Season Allowable _____ Req 4/1 - 10/31
- 4. Land use approval needs approval county notified NA
- 5. B.O.R. or Doug Co. project Y / contract # _____
- 6. WM Dist (NWR - 1 2 16 18 20) (NCR - 3 4 5 21) (ER - 6 8 9 10) (SCR - 11 12 17) (SWR - 13 14 15 19) swr cc: dave jarrett
- 7. DIVISION 33 / N / NA
(If Y, attach basin map w/ pod) Above Bonn Above, not allowed April 15 - September 30?
 Below Bonn If below, add PISPC
 Statewide
- 8. Surface Water Availability (80% live flow / 50% storage) NA no water avail jan-dec
- 9. Conflict? Y / NA
- 10. Allowed under Basin Program Y / Limitations? Y / N 7b, 7c, 7f, 7j
- 11. Groundwater Review totalizing flow meter
 - a. over appropriated not over appropriated cannot be determined
 - b. will not be available will likely be available ...without injury to prior water rights
 - c. will not will likely be available within capacity of ground water resource
 - d. will, if properly conditioned, avoid injury to existing ground water rights or to the ground water resource
 - e. Is the well located in a GWLA or CGWA or T1N R3E Sec 20, 21, 28, 29? Y / (If Y, include basin map noting POD)
- 12. Small ≤ 0.1 CFS, ≤ 9.2 AF, Medium > 0.1 or < 1.5 CFS, > 9.2 or < 100 AF, Contract Water, Large ≥ 1.5 CFS, ≥ 100 AF
HC - use at least Medium; BOR, GW condition 7i, temp control (nu) and muni require Large _____
- 13. Basin Maps have been checked / N River Mile _____
- 14. SWW ABOVE WITHIN NO (if so, notify state parks) Name rogu
- 15. Is the use located within Oregon Streamflow Restoration Area? / N / NA
- 16. per interactive mapping DOA / N (NO COPY TO PAUL MEASLES) 303D Y / / NA CTUIR Y /
- 17. Is the stream withdrawn? Y / / NA season allowed _____
- 18. Letter format Good Limited Bad Bad w/ HC Opportunity
- 19. CWRE, representative, etc. to notify? Y / odfw - jerry vejt
deg - john blanchard

20. Addn'l info req'd? Y / _____
Name: Jeana Eastman Date: 3/22/04 Peer Reviewer: [Signature]

690-515-0030 Applegate River Basin

(1) Classifications:

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

~~(A) The waters of the following streams and tributaries are classified only for domestic, livestock, power development except for those streams listed in paragraph (C) of this subsection, irrigation of noncommercial gardens not to exceed 1/2 acre in area, and instream use for recreation, fish life and wildlife except for the use of stored water. Water stored between November 1 and March 31 of any year may be used for any purpose specified in subsection (a) of this section:~~

~~(i) Palmer Creek;~~

~~(ii) Beaver Creek;~~

~~(iii) **Little Applegate River;**~~

Analysis for Application: G16082

Location: 39S-2W-6-SWNE

Uses: IS 1.09 S

Basins

BASIN_NUM	BASIN_NAME
15	Rogue

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
13	SW	Larry Menteer	10 South Oakdale, RM 106	Medford	97501	541-774-6880		541-774-6187

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70982	15	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Jackson	41029

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area

DIV33
In a Div33 area

Records Found: 1

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 39S-2W-6-NWSE

Uses: IS 3.71 S

Basins

BASIN_NUM	BASIN_NAME
15	Rogue

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
13	SW	Larry Menteer	10 South Oakdale, RM 106	Medford	97501	541-774-6880		541-774-6187

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70982	15	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Jackson	41029

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area

DIV33
In a Div33 area

Records Found: 1

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 39S-2W-6-SWSE

Uses: IS 2.02 S

Basins

BASIN_NUM	BASIN_NAME
15	Rogue

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
13	SW	Larry Menteer	10 South Oakdale, RM 106	Medford	97501	541-774-6880		541-774-6187

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70982	15	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Jackson	41029

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area

DIV33
In a Div33 area

Records Found: 1

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 39S-2W-7-NWNE

Uses: IS 0.44 S

Basins

BASIN_NUM	BASIN_NAME
15	Rogue

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
13	SW	Larry Menteer	10 South Oakdale, RM 106	Medford	97501	541-774-6880		541-774-6187

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70982	15	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Jackson	41029

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area

DIV33
In a Div33 area

Records Found: 1

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

WATER AVAILABILITY TABLE

Water Availability as of 3/19/2004 for
LITTLE APPELGATE R > APPELGATE R - AT MOUTH

Watershed ID #: 70982 Basin: ROGUE Exceedance Level: 80
Time: 14:54 Date: 03/19/2004

Select an Item Number for More Details

Item #	Watershed ID #	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Sto
1	266	YES	YES	YES	YES	YES	YES	NO	NO	NO	YES	NO	YES	YES
2	31531008	NO	YES	YES	NO	YES	NO	NO	NO	NO	NO	NO	NO	YES
3	31531001	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	YES
4	31531002	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	YES
5	249	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	YES
6	250	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	YES
7	70982	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES

STREAM NAMES

Water Availability as of 3/19/2004 for
LITTLE APPELGATE R > APPELGATE R - AT MOUTH

Watershed ID #: 70982 Basin: ROGUE Exceedance Level: 80
Time: 14:54 Date: 03/19/2004

Item Watershed ID Stream Name

1	266	ROGUE R > PACIFIC OCEAN - AT MOUTH
2	31531008	ROGUE R > PACIFIC OCEAN - AB SHASTA COSTA CR
3	31531001	ROGUE R > PACIFIC OCEAN - AB MEADOW CR
4	31531002	ROGUE R > PACIFIC OCEAN - AB GRAVE CR
5	249	APPELGATE R > ROGUE R - AT MOUTH
6	250	APPELGATE R > ROGUE R - AB JOE G
7	70982	LITTLE APPELGATE R > APPELGATE R - AT MOUTH

LIMITING WATERSHEDS

Water Availability as of 3/19/2004 for
LITTLE APPELGATE R > APPELGATE R - AT MOUTH

Watershed ID #: 70982 Basin: ROGUE Exceedance Level: 80
Time: 14:54 Date: 03/19/2004

Mnth	Limiting Watershed	Stream Name	Water Avail?	Net Water Available
1	31531002	ROGUE R > PACIFIC OCEAN - AB GRAVE CR	NO	-1093.0
2	31531002	ROGUE R > PACIFIC OCEAN - AB GRAVE CR	NO	-901.0
3	31531002	ROGUE R > PACIFIC OCEAN - AB GRAVE CR	NO	-970.0
4	31531002	ROGUE R > PACIFIC OCEAN - AB GRAVE CR	NO	-832.0
5	70982	LITTLE APPELGATE R > APPELGATE R - AT MOUTH	NO	-25.7
6	31531002	ROGUE R > PACIFIC OCEAN - AB GRAVE CR	NO	-1090.0
7	31531002	ROGUE R > PACIFIC OCEAN - AB GRAVE CR	NO	-1150.0
8	31531002	ROGUE R > PACIFIC OCEAN - AB GRAVE CR	NO	-1662.0
9	31531002	ROGUE R > PACIFIC OCEAN - AB GRAVE CR	NO	-1613.0
10	31531002	ROGUE R > PACIFIC OCEAN - AB GRAVE CR	NO	-470.0
11	31531002	ROGUE R > PACIFIC OCEAN - AB GRAVE CR	NO	-2242.0
12	31531002	ROGUE R > PACIFIC OCEAN - AB GRAVE CR	NO	-1182.0
Stor	70982	LITTLE APPELGATE R > APPELGATE R - AT MOUTH	YES	686.0

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Water Availability as of 3/19/2004 for

ROGUE R > PACIFIC OCEAN - AT MOUTH

Watershed ID #: 266 Basin: ROGUE Exceedance Level: 80
 Time: 14:54 Date: 03/19/2004

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	6870.00	810.00	3.85	6060.00	0.00	3500.00	2560.00
2	10300.00	2130.00	8.43	8160.00	0.00	3500.00	4660.00
3	9300.00	1850.00	6.58	7440.00	0.00	3500.00	3940.00
4	7670.00	1170.00	6.57	6490.00	0.00	3500.00	2990.00
5	6060.00	220.00	4.37	5840.00	0.00	3000.00	2840.00
6	3420.00	429.00	3.40	2990.00	0.00	2700.00	288.00
7	2080.00	507.00	3.88	1570.00	0.00	2000.00	-431.00
8	1650.00	453.00	3.11	1190.00	0.00	2400.00	-1206.00
9	1580.00	365.00	2.07	1210.00	0.00	2400.00	-1187.00
10	1920.00	119.00	0.64	1800.00	0.00	1600.00	200.00
11	2740.00	170.00	0.36	2570.00	0.00	3500.00	-931.00
12	5750.00	309.00	2.60	5440.00	0.00	3500.00	1940.00
Stor	5700000	509000	2750	5190000	0	2120000	3180000

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGES

Water Availability as of 3/19/2004 for

ROGUE R > PACIFIC OCEAN - AT MOUTH

Watershed ID #: 266 Basin: ROGUE Exceedance Level: 80
 Time: 14:54 Date: 03/19/2004

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	755.00	0.02	44.50	3.69	0.02	8.18	2.28	0.01	814.00
2	2080.00	0.03	44.50	3.69	0.03	8.18	2.28	0.01	2140.00
3	1800.00	0.04	44.50	3.69	0.03	8.18	2.28	0.01	1860.00
4	1020.00	101.00	44.50	3.69	0.03	8.18	2.28	0.01	1180.00
5	1.83	164.00	44.50	3.60	0.03	8.17	2.29	0.01	224.00
6	0.01	232.00	186.00	3.59	0.03	8.17	2.28	0.02	432.00
7	0.00	311.00	186.00	3.59	0.03	8.16	2.28	0.02	511.00
8	0.00	256.00	186.00	3.59	0.03	8.15	2.28	0.02	456.00
9	0.00	166.00	186.00	3.59	0.03	8.16	2.28	0.02	366.00
10	8.72	52.20	44.50	3.59	0.03	8.16	2.28	0.02	120.00
11	112.00	0.13	44.50	3.59	0.03	8.16	2.28	0.02	171.00
12	253.00	0.02	44.50	3.60	0.03	8.17	2.28	0.01	312.00

DETAILED REPORT OF RESERVATIONS FOR CONSUMPTIVE USE
 Water Availability as of 3/19/2004 for
 ROGUE R > PACIFIC OCEAN - AT MOUTH

Watershed ID #: 266 Basin: ROGUE Exceedance Level: 80
 Time: 14:54 Date: 03/19/2004

-----Reservations-----								
APP #	0	0	0	0	0	0	0	TOTAL
Status Use								
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DETAILED REPORT OF INSTREAM REQUIREMENTS
 Water Availability as of 3/19/2004 for
 ROGUE R > PACIFIC OCEAN - AT MOUTH

Watershed ID #: 266 Basin: ROGUE Exceedance Level: 80
 Time: 14:54 Date: 03/19/2004

-----ISWRs-----								
APP #	-91503A	266A	0	0	0	0	0	MAXIMUM
Status	SWW	Cert.						
1	3500.00	935.00	0.00	0.00	0.00	0.00	0.00	3500.00
2	3500.00	935.00	0.00	0.00	0.00	0.00	0.00	3500.00
3	3500.00	935.00	0.00	0.00	0.00	0.00	0.00	3500.00
4	3500.00	935.00	0.00	0.00	0.00	0.00	0.00	3500.00
5	3000.00	935.00	0.00	0.00	0.00	0.00	0.00	3000.00
6	2700.00	935.00	0.00	0.00	0.00	0.00	0.00	2700.00
7	2000.00	935.00	0.00	0.00	0.00	0.00	0.00	2000.00
8	2400.00	935.00	0.00	0.00	0.00	0.00	0.00	2400.00
9	2400.00	935.00	0.00	0.00	0.00	0.00	0.00	2400.00
10	1600.00	935.00	0.00	0.00	0.00	0.00	0.00	1600.00
11	3500.00	935.00	0.00	0.00	0.00	0.00	0.00	3500.00
12	3500.00	935.00	0.00	0.00	0.00	0.00	0.00	3500.00

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Water Availability as of 3/19/2004 for
 ROGUE R > PACIFIC OCEAN - AB SHASTA COSTA CR

Watershed ID #: 31531008 Basin: ROGUE Exceedance Level: 80
 Time: 14:54 Date: 03/19/2004

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	3950.00	712.00	3.40	3230.00	0.00	3500.00	-265.00
2	5800.00	2010.00	7.78	3790.00	0.00	3500.00	286.00
3	5360.00	1750.00	5.94	3610.00	0.00	3500.00	108.00
4	4630.00	1160.00	6.10	3460.00	0.00	3500.00	-40.40
5	3980.00	211.00	3.35	3770.00	0.00	3000.00	766.00
6	2350.00	427.00	0.76	1920.00	0.00	2700.00	-778.00
7	1500.00	502.00	1.05	997.00	0.00	2000.00	-1003.00
8	1280.00	450.00	0.94	829.00	0.00	2400.00	-1571.00
9	1250.00	439.00	0.70	810.00	0.00	2400.00	-1590.00
10	1420.00	137.00	0.40	1280.00	0.00	1600.00	-317.00
11	1770.00	138.00	0.24	1630.00	0.00	3500.00	-1868.00
12	3290.00	211.00	2.41	3080.00	0.00	3500.00	-423.00
Stor	3270000	485000	1980	2790000	0	2120000	934000

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGES

Water Availability as of 3/19/2004 for
 ROGUE R > PACIFIC OCEAN - AB SHASTA COSTA CR

Watershed ID #: 31531008 Basin: ROGUE Exceedance Level: 80
 Time: 14:54 Date: 03/19/2004

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	658.00	0.02	46.70	2.79	0.01	6.17	2.15	0.01	716.00
2	1960.00	0.03	46.70	2.79	0.01	6.17	2.15	0.01	2020.00
3	1690.00	0.04	46.70	2.79	0.01	6.17	2.15	0.01	1750.00
4	1020.00	96.10	46.70	2.79	0.01	6.17	2.15	0.01	1170.00
5	1.82	155.00	46.70	2.70	0.01	6.16	2.16	0.01	215.00
6	0.00	218.00	199.00	2.69	0.01	6.14	2.15	0.02	428.00
7	0.00	292.00	199.00	2.69	0.01	6.14	2.15	0.02	502.00
8	0.10	241.00	199.00	2.69	0.01	6.13	2.15	0.02	451.00
9	72.90	157.00	199.00	2.69	0.01	6.15	2.15	0.02	440.00
10	30.10	49.50	46.70	2.69	0.01	6.15	2.15	0.02	137.00
11	80.10	0.13	46.70	2.69	0.01	6.15	2.15	0.02	138.00
12	155.00	0.02	46.70	2.70	0.01	6.16	2.15	0.01	213.00

DETAILED REPORT OF RESERVATIONS FOR CONSUMPTIVE USE

Water Availability as of 3/19/2004 for
 ROGUE R > PACIFIC OCEAN - AB SHASTA COSTA CR

Watershed ID #: 31531008 Basin: ROGUE Exceedance Level: 80
 Time: 14:54 Date: 03/19/2004

-----Reservations-----								
APP #	0	0	0	0	0	0	0	TOTAL
Status Use								
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DETAILED REPORT OF INSTREAM REQUIREMENTS
 Water Availability as of 3/19/2004 for
 ROGUE R > PACIFIC OCEAN - AB SHASTA COSTA CR

Watershed ID #: 31531008 Basin: ROGUE Exceedance Level: 80
 Time: 14:54 Date: 03/19/2004

-----ISWRs-----								
APP #	-91503B	0	0	0	0	0	0	MAXIMUM
Status	SWW							
1	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	3500.00
2	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	3500.00
3	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	3500.00
4	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	3500.00
5	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	3000.00
6	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	2700.00
7	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	2000.00
8	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	2400.00
9	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	2400.00
10	1600.00	0.00	0.00	0.00	0.00	0.00	0.00	1600.00
11	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	3500.00
12	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	3500.00

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Water Availability as of 3/19/2004 for

ROGUE R > PACIFIC OCEAN - AB MEADOW CR

Watershed ID #: 31531001

Basin: ROGUE

Exceedance Level: 80

Time: 14:54

Date: 03/19/2004

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	3550.00	801.00	3.37	2750.00	0.00	3500.00	-754.00
2	5220.00	2130.00	7.75	3080.00	0.00	3500.00	-421.00
3	4820.00	1850.00	5.88	2960.00	0.00	3500.00	-539.00
4	4180.00	1160.00	5.80	3010.00	0.00	3500.00	-489.00
5	3630.00	211.00	2.88	3420.00	0.00	3000.00	417.00
6	2160.00	416.00	0.12	1740.00	0.00	2700.00	-956.00
7	1400.00	491.00	0.24	908.00	0.00	2000.00	-1092.00
8	1220.00	439.00	0.27	781.00	0.00	2400.00	-1619.00
9	1190.00	355.00	0.26	835.00	0.00	2400.00	-1565.00
10	1320.00	114.00	0.25	1210.00	0.00	1600.00	-394.00
11	1560.00	164.00	0.22	1400.00	0.00	3500.00	-2104.00
12	2900.00	302.00	2.38	2600.00	0.00	3500.00	-904.00
Stor	2950000	503000	1750	2450000	0	2120000	641000

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGES

Water Availability as of 3/19/2004 for

ROGUE R > PACIFIC OCEAN - AB MEADOW CR

Watershed ID #: 31531001

Basin: ROGUE

Exceedance Level: 80

Time: 14:54

Date: 03/19/2004

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	748.00	0.02	43.30	3.21	0.01	6.86	2.22	0.01	804.00
2	2090.00	0.03	43.30	3.21	0.01	6.86	2.22	0.01	2150.00
3	1800.00	0.01	43.30	3.21	0.01	6.86	2.22	0.01	1860.00
4	1020.00	96.90	43.30	3.21	0.01	6.86	2.22	0.01	1170.00
5	1.82	156.00	43.30	3.11	0.01	6.86	2.23	0.01	213.00
6	0.00	219.00	185.00	3.10	0.01	6.85	2.22	0.02	416.00
7	0.00	295.00	185.00	3.10	0.01	6.85	2.22	0.02	492.00
8	0.00	243.00	185.00	3.10	0.01	6.85	2.22	0.02	440.00
9	0.00	158.00	185.00	3.10	0.01	6.85	2.22	0.02	355.00
10	8.72	49.90	43.30	3.10	0.01	6.85	2.22	0.02	114.00
11	108.00	0.13	43.30	3.10	0.01	6.85	2.22	0.02	164.00
12	249.00	0.02	43.30	3.11	0.01	6.86	2.22	0.01	305.00

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Water Availability as of 3/19/2004 for

ROGUE R > PACIFIC OCEAN - AB GRAVE CR

Watershed ID #: 31531002

Basin: ROGUE

Exceedance Level: 80

Time: 14:54

Date: 03/19/2004

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	3210.00	800.00	3.15	2410.00	0.00	3500.00	-1093.00
2	4740.00	2130.00	7.40	2600.00	0.00	3500.00	-901.00
3	4390.00	1850.00	5.68	2530.00	0.00	3500.00	-970.00
4	3830.00	1160.00	5.79	2670.00	0.00	3500.00	-832.00
5	3370.00	199.00	2.88	3170.00	0.00	3000.00	168.00
6	2010.00	400.00	0.11	1610.00	0.00	2700.00	-1090.00
7	1320.00	470.00	0.23	850.00	0.00	2000.00	-1150.00
8	1160.00	421.00	0.25	738.00	0.00	2400.00	-1662.00
9	1130.00	343.00	0.25	787.00	0.00	2400.00	-1613.00
10	1240.00	110.00	0.24	1130.00	0.00	1600.00	-470.00
11	1420.00	162.00	0.22	1260.00	0.00	3500.00	-2242.00
12	2620.00	300.00	2.27	2320.00	0.00	3500.00	-1182.00
Stor	2700000	498000	1700	2200000	0	2120000	438000

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGES

Water Availability as of 3/19/2004 for

ROGUE R > PACIFIC OCEAN - AB GRAVE CR

Watershed ID #: 31531002

Basin: ROGUE

Exceedance Level: 80

Time: 14:54

Date: 03/19/2004

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	748.00	0.02	43.30	2.96	0.01	6.58	2.21	0.01	803.00
2	2090.00	0.03	43.30	2.96	0.01	6.58	2.21	0.01	2150.00
3	1800.00	0.01	43.30	2.96	0.01	6.58	2.21	0.01	1860.00
4	1020.00	90.00	43.30	2.96	0.01	6.58	2.21	0.01	1170.00
5	1.82	145.00	43.30	2.86	0.01	6.58	2.22	0.01	202.00
6	0.00	204.00	185.00	2.85	0.01	6.58	2.21	0.01	401.00
7	0.00	274.00	185.00	2.85	0.01	6.57	2.21	0.01	471.00
8	0.00	225.00	185.00	2.85	0.01	6.57	2.21	0.01	422.00
9	0.00	147.00	185.00	2.85	0.01	6.57	2.21	0.01	344.00
10	8.72	46.30	43.30	2.85	0.01	6.58	2.21	0.01	110.00
11	107.00	0.13	43.30	2.85	0.01	6.58	2.21	0.01	162.00
12	247.00	0.02	43.30	2.86	0.01	6.58	2.21	0.01	302.00

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Water Availability as of 3/19/2004 for

APPLEGATE R > ROGUE R - AT MOUTH

Watershed ID #: 249 Basin: ROGUE Exceedance Level: 80
 Time: 14:54 Date: 03/19/2004

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	373.00	4.47	0.34	368.00	0.00	300.00	68.20
2	674.00	437.00	0.77	236.00	0.00	300.00	-64.10
3	792.00	437.00	0.25	354.00	0.00	340.00	14.50
4	662.00	459.00	0.23	202.00	0.00	340.00	-138.00
5	591.00	41.30	0.43	549.00	0.00	360.00	189.00
6	222.00	57.00	0.03	165.00	0.00	360.00	-195.00
7	91.80	75.50	0.15	16.10	0.00	120.00	-104.00
8	59.00	62.70	0.18	-3.89	0.00	120.00	-124.00
9	45.80	41.90	0.17	3.72	0.00	120.00	-116.00
10	56.00	15.30	0.16	40.50	0.00	360.00	-319.00
11	146.00	3.47	0.14	142.00	0.00	360.00	-218.00
12	244.00	4.04	0.14	240.00	0.00	300.00	-60.20
Stor	421000	97300	179	323000	0	204000	160000

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGEES

Water Availability as of 3/19/2004 for

APPLEGATE R > ROGUE R - AT MOUTH

Watershed ID #: 249 Basin: ROGUE Exceedance Level: 80
 Time: 14:54 Date: 03/19/2004

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	1.66	0.02	0.00	0.60	0.00	1.99	0.54	0.00	4.81
2	435.00	0.03	0.00	0.60	0.00	1.99	0.54	0.00	438.00
3	434.00	0.00	0.00	0.60	0.00	1.99	0.54	0.00	437.00
4	433.00	23.90	0.00	0.60	0.00	1.99	0.54	0.00	460.00
5	0.07	38.50	0.00	0.60	0.00	1.99	0.54	0.00	41.70
6	0.00	53.90	0.00	0.60	0.00	1.99	0.54	0.00	57.00
7	0.00	72.60	0.00	0.60	0.00	1.98	0.54	0.00	75.70
8	0.00	59.80	0.00	0.60	0.00	1.98	0.54	0.00	62.90
9	0.00	39.00	0.00	0.60	0.00	1.98	0.54	0.00	42.10
10	0.00	12.40	0.00	0.60	0.00	1.99	0.54	0.00	15.50
11	0.35	0.13	0.00	0.60	0.00	1.99	0.54	0.00	3.61
12	1.04	0.02	0.00	0.60	0.00	1.99	0.54	0.00	4.18

DETAILED REPORT OF RESERVATIONS FOR CONSUMPTIVE USE
 Water Availability as of 3/19/2004 for
 APPLEGATE R > ROGUE R - AT MOUTH

Watershed ID #: 249 Basin: ROGUE Exceedance Level: 80
 Time: 14:54 Date: 03/19/2004

-----Reservations-----								
APP #	0	0	0	0	0	0	0	TOTAL
Status Use								
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DETAILED REPORT OF INSTREAM REQUIREMENTS
 Water Availability as of 3/19/2004 for
 APPLEGATE R > ROGUE R - AT MOUTH

Watershed ID #: 249 Basin: ROGUE Exceedance Level: 80
 Time: 14:54 Date: 03/19/2004

-----ISWRs-----								
APP #	249A	0	0	0	0	0	0	MAXIMUM
Status	Cert.							
1	300.00	0.00	0.00	0.00	0.00	0.00	0.00	300.00
2	300.00	0.00	0.00	0.00	0.00	0.00	0.00	300.00
3	340.00	0.00	0.00	0.00	0.00	0.00	0.00	340.00
4	340.00	0.00	0.00	0.00	0.00	0.00	0.00	340.00
5	360.00	0.00	0.00	0.00	0.00	0.00	0.00	360.00
6	360.00	0.00	0.00	0.00	0.00	0.00	0.00	360.00
7	120.00	0.00	0.00	0.00	0.00	0.00	0.00	120.00
8	120.00	0.00	0.00	0.00	0.00	0.00	0.00	120.00
9	120.00	0.00	0.00	0.00	0.00	0.00	0.00	120.00
10	360.00	0.00	0.00	0.00	0.00	0.00	0.00	360.00
11	360.00	0.00	0.00	0.00	0.00	0.00	0.00	360.00
12	300.00	0.00	0.00	0.00	0.00	0.00	0.00	300.00

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Water Availability as of 3/19/2004 for

APPLEGATE R > ROGUE R - AB JOE G

Watershed ID #: 250

Basin: ROGUE

Exceedance Level: 80

Time: 14:54

Date: 03/19/2004

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	204.00	2.19	0.05	202.00	0.00	200.00	1.76
2	378.00	435.00	0.35	-57.30	0.00	200.00	-257.00
3	463.00	435.00	0.02	28.00	0.00	265.00	-237.00
4	481.00	450.00	0.01	30.50	0.00	265.00	-234.00
5	469.00	27.90	0.04	441.00	0.00	265.00	176.00
6	183.00	38.70	0.02	144.00	0.00	265.00	-121.00
7	70.90	51.40	0.03	19.40	0.00	230.00	-211.00
8	47.60	42.60	0.02	4.96	0.00	200.00	-195.00
9	38.40	28.30	0.02	10.10	0.00	200.00	-190.00
10	41.00	10.00	0.01	30.90	0.00	240.00	-209.00
11	85.80	1.82	0.00	84.00	0.00	240.00	-156.00
12	153.00	2.03	0.03	151.00	0.00	200.00	-49.10
Stor	279000	90400	35	188000	0	167000	69600

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGES

Water Availability as of 3/19/2004 for

APPLEGATE R > ROGUE R - AB JOE G

Watershed ID #: 250

Basin: ROGUE

Exceedance Level: 80

Time: 14:54

Date: 03/19/2004

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	0.59	0.00	0.00	0.15	0.00	1.45	0.05	0.00	2.24
2	434.00	0.00	0.00	0.15	0.00	1.45	0.05	0.00	436.00
3	433.00	0.00	0.00	0.15	0.00	1.45	0.05	0.00	435.00
4	433.00	16.30	0.00	0.15	0.00	1.45	0.05	0.00	451.00
5	0.02	26.20	0.00	0.15	0.00	1.45	0.05	0.00	27.90
6	0.00	37.10	0.00	0.15	0.00	1.45	0.05	0.00	38.80
7	0.00	49.80	0.00	0.15	0.00	1.45	0.05	0.00	51.50
8	0.00	41.00	0.00	0.15	0.00	1.45	0.05	0.00	42.70
9	0.00	26.70	0.00	0.15	0.00	1.45	0.05	0.00	28.40
10	0.00	8.40	0.00	0.15	0.00	1.45	0.05	0.00	10.00
11	0.17	0.00	0.00	0.15	0.00	1.45	0.05	0.00	1.82
12	0.40	0.00	0.00	0.15	0.00	1.45	0.05	0.00	2.05

DETAILED REPORT OF RESERVATIONS FOR CONSUMPTIVE USE

Water Availability as of 3/19/2004 for

APPLEGATE R > ROGUE R - AB JOE G

Watershed ID #: 250
Time: 14:54

Basin: ROGUE

Exceedance Level: 80
Date: 03/19/2004

-----Reservations-----								
APP #	0	0	0	0	0	0	0	TOTAL
Status Use								
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DETAILED REPORT OF INSTREAM REQUIREMENTS

Water Availability as of 3/19/2004 for

APPLEGATE R > ROGUE R - AB JOE G

Watershed ID #: 250
Time: 14:54

Basin: ROGUE

Exceedance Level: 80
Date: 03/19/2004

-----ISWRs-----								
APP #	250A	0	0	0	0	0	0	MAXIMUM
Status	Cert.							
1	200.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00
2	200.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00
3	265.00	0.00	0.00	0.00	0.00	0.00	0.00	265.00
4	265.00	0.00	0.00	0.00	0.00	0.00	0.00	265.00
5	265.00	0.00	0.00	0.00	0.00	0.00	0.00	265.00
6	265.00	0.00	0.00	0.00	0.00	0.00	0.00	265.00
7	230.00	0.00	0.00	0.00	0.00	0.00	0.00	230.00
8	200.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00
9	200.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00
10	240.00	0.00	0.00	0.00	0.00	0.00	0.00	240.00
11	240.00	0.00	0.00	0.00	0.00	0.00	0.00	240.00
12	200.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Water Availability as of 3/19/2004 for
LITTLE APPELGATE R > APPELGATE R - AT MOUTH

Watershed ID #: 70982 Basin: ROGUE Exceedance Level: 80
Time: 14:54 Date: 03/19/2004

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	18.70	1.28	0.00	17.40	0.00	45.90	-28.50
2	33.10	1.35	0.30	31.40	0.00	85.00	-53.60
3	44.30	1.32	0.00	43.00	0.00	76.20	-33.20
4	56.30	10.30	0.00	46.00	0.00	75.90	-29.90
5	63.40	15.90	0.00	47.50	0.00	73.20	-25.70
6	25.50	21.90	0.00	3.60	0.00	50.00	-46.40
7	1.87	29.00	0.00	-27.10	0.00	14.60	-41.70
8	3.56	24.10	0.00	-20.50	0.00	2.01	-22.50
9	0.11	16.10	0.00	-16.00	0.00	1.51	-17.50
10	1.29	5.91	0.00	-4.62	0.00	11.50	-16.10
11	15.90	1.26	0.00	14.60	0.00	25.40	-10.80
12	17.90	1.26	0.00	16.60	0.00	29.40	-12.80
Stor	31700	7870	17	26900	0	29400	889

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGES

Water Availability as of 3/19/2004 for
LITTLE APPELGATE R > APPELGATE R - AT MOUTH

Watershed ID #: 70982 Basin: ROGUE Exceedance Level: 80
Time: 14:54 Date: 03/19/2004

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	0.06	0.00	0.00	0.15	0.00	1.06	0.02	0.00	1.29
2	0.43	0.00	0.00	0.15	0.00	1.06	0.02	0.00	1.66
3	0.10	0.00	0.00	0.15	0.00	1.06	0.02	0.00	1.33
4	0.00	9.10	0.00	0.15	0.00	1.06	0.02	0.00	10.30
5	0.00	14.60	0.00	0.15	0.00	1.06	0.02	0.00	15.80
6	0.00	20.70	0.00	0.15	0.00	1.06	0.02	0.00	21.90
7	0.00	27.80	0.00	0.15	0.00	1.05	0.02	0.00	29.00
8	0.00	22.90	0.00	0.15	0.00	1.05	0.02	0.00	24.10
9	0.00	14.90	0.00	0.15	0.00	1.05	0.02	0.00	16.10
10	0.00	4.69	0.00	0.15	0.00	1.06	0.02	0.00	5.92
11	0.03	0.00	0.00	0.15	0.00	1.06	0.02	0.00	1.26
12	0.04	0.00	0.00	0.15	0.00	1.06	0.02	0.00	1.27

DETAILED REPORT OF RESERVATIONS FOR CONSUMPTIVE USE

Water Availability as of 3/19/2004 for
LITTLE APPLGATE R > APPLGATE R - AT MOUTH

Watershed ID #: 70982 Basin: ROGUE Exceedance Level: 80
Time: 14:54 Date: 03/19/2004

-----Reservations-----								
APP #	0	0	0	0	0	0	0	TOTAL
Status Use								
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DETAILED REPORT OF INSTREAM REQUIREMENTS
Water Availability as of 3/19/2004 for
LITTLE APPLGATE R > APPLGATE R - AT MOUTH

Watershed ID #: 70982 Basin: ROGUE Exceedance Level: 80
Time: 14:54 Date: 03/19/2004

-----ISWRs-----								
APP #	70982A	0	0	0	0	0	0	MAXIMUM
Status	Cert.							
1	45.90	0.00	0.00	0.00	0.00	0.00	0.00	45.90
2	85.00	0.00	0.00	0.00	0.00	0.00	0.00	85.00
3	76.20	0.00	0.00	0.00	0.00	0.00	0.00	76.20
4	75.90	0.00	0.00	0.00	0.00	0.00	0.00	75.90
5	73.20	0.00	0.00	0.00	0.00	0.00	0.00	73.20
6	50.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00
7	14.60	0.00	0.00	0.00	0.00	0.00	0.00	14.60
8	2.01	0.00	0.00	0.00	0.00	0.00	0.00	2.01
9	1.51	0.00	0.00	0.00	0.00	0.00	0.00	1.51
10	11.50	0.00	0.00	0.00	0.00	0.00	0.00	11.50
11	25.40	0.00	0.00	0.00	0.00	0.00	0.00	25.40
12	29.40	0.00	0.00	0.00	0.00	0.00	0.00	29.40

Platcard Report

Township 39.0S Range 2.0W Section 6

	App# Priority	Permit/ Certificate	Claim/ Decree	Status dlc/lot	NE				NW				SW				SE				Govt Lot	DLC
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
①	G16082 09/02/2003	- subject file					1.09 IS (s)											6.71 IS (s)	2.02 IS (s)			
①	R85628 06/02/2003	R13749 -																MP				
①	R85629 06/02/2003	R13750 -																	MP			
①	R85781 09/02/2003	- -					ST															
①	R85782 09/02/2003	- -																ST				
①	R85783 09/02/2003	- -																	ST			
①	S85784 09/02/2003	- -																DO				
	09/02/2003	p.s man right					1.13 IR											5.97 IR	0.34 IR			

Page:1

[Return to Platcard Query Screen](#)

Paul R. Cleary, Director

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Run Time: 1 seconds

Platcard Report

Township 39.0S Range 2.0W Section 7

					NE				NW				SW				SE						
App# Priority	Permit/ Certificate	Claim/ Decree	Status dlc/lot		NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Govt Lot	DLC	
1 G16082 09/02/2003	- subject file					0.44 IS (s)																	
1 S85784 09/02/2003	primary right					0.99 IR																	

Page:1

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Paul R. Cleary, Director

Oregon Water Resources Department • 725 Summer ST NE, Suite A • Salem, OR 97301 • Phone: 503-986-0900 • Fax: 503-986-0903

Run Time: 0 seconds



State of Oregon
Water Resources Department
 158 12th Street NE, Salem, OR 97310
 (503)378-8455 • (800)824-3199
 www.wrd.state.or.us

Application for a Permit to Use Ground Water

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Please read and refer to the instructions when completing your application. Thank you.

1. APPLICANT INFORMATION

RECEIVED

SEP 02 2003

A. Individuals

WATER RESOURCES DEPT.
 SALEM, OREGON

Applicant: George Fardelmann
First Last

Co-applicant: _____
First Last

Mailing address: 490 Liberty
Ashland OR 97520
City State Zip

Phone: 541-899-3791
Home Work Other

*Fax: _____ *E-Mail address: _____

B. Organizations

(Corporations, associations, firms, partnerships, joint stock companies, cooperatives, public and municipal corporations)

Name of organization: _____

Name and title of person applying: _____

Mailing address of organization: _____

City State Zip

Phone: _____
Day Evening

*Fax: _____ *E-Mail address: _____

*Optional information

For Department Use		
App. No. <u>G16082</u>	Permit No. _____	Date <u>9/2/03</u>

2. PROPERTY OWNERSHIP

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SEP 02 2003

WATER RESOURCES DEPT.
SALEM, OREGON

Do you own all the land where you propose to divert, transport, and use water?

- Yes (Skip to section 3 "Ground water Development.")
- No Please check the appropriate box below.
 - I have a recorded easement or written authorization permitting access.
 - I do not currently have written authorization or easement permitting access.

List the names and mailing addresses of all affected landowners.*

*If more than 25 landowners are involved, a list is not required. See instructions.

3. GROUND WATER DEVELOPMENT

A. Number of well(s): one B. Name of nearest surface water body: Hukill Hollow

C. Distance from well(s) to nearest stream or lake: 1) 50 feet

2) _____ 3) _____ 4) _____

D. If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) 5 feet

2) _____ 3) _____ 4) _____

E. Well Characteristics

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 constructor's log and the well ID number, if available, for each well with this application. Identify each well with a number corresponding to the wells designated on the map and proceed to question F in this section of the form. If the well has not been constructed, or if you do not have a well log, please complete the following:

Well(s) will be constructed by: Crater Well Drilling

Address: 1923 Delta Waters Rd. Medford, OR 97504

Completion date: 9-22-1977

appno G-15082

2. Please provide a description of your well development. (Attach additional sheets if needed.)

Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth
1	6 in	Steel 6 in	33	9	20	23	200	1/2" plug	260

F. Artesian Flows

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

4. WATER USE

Please read the instruction booklet for more details on "type of use" definitions, how to express how much water you need and how to identify the water source you propose to use. You must fill out a supplemental form for some uses as they require specific information for that type of use.

A. Type(s) of Use(s)

See list of beneficial uses provided in the instructions.

- If your proposed use is **domestic**, indicate the number of households to be supplied with water: _____
- If your proposed use is **irrigation**, please attach Form I
- If your proposed use is **mining**, attach Form R
- If your proposed use is **municipal or quasi-municipal**, attach Form M
- If your proposed use is **commercial/industrial**, attach Form Q

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WATER RESOURCES DEPT.
SALEM, OREGON

B. Amount of Water

Provide the production rate in gallons per minute (gpm) and the total annual amount of water you need from each well, from each source or aquifer, for each use. You do not need to provide source information if you are submitting a well log with your application.

Well No.	Source or aquifer	Type of use	Total rate of water requested (in gpm)	Total annual quantity (in gallons)	Production rate of well (in gpm)
See attached well log # 18125		Supp irrigation	25.0	supp	50

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 25.0 GPM
(The fees for your application will be based on this amount.)

D. Period of Use

When there is no flow in Hukill Hollow from 4-1 to 10-31
Indicate the time of year you propose to use the water: _____
(For seasonal uses like irrigation give dates when water use would begin and end, e.g. March 1–October 31.)

E. Acreage

If you will be applying water to land, please give the total number of acres where water will be applied or used: 7.26
(This number should be consistent with you application map.)

5. WATER MANAGEMENT

A. Diversion

What equipment will you use to pump water from your well(s)?

- Pump (give horsepower and pump type) 3 hp submersable
- Other means (describe) _____

B. Transport

How will you transport water to your place of use?

- Ditch or canal (give average width and depth)
Width _____ Depth _____
Is the ditch or canal to be lined? Yes No
- Pipe (give diameter and total length)
Diameter 3 inch Length 3,200 feet
- Other (describe) _____

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WATER RESOURCES DEPT.
SALEM, OREGON

Water Resources Department

MEMO

NOV 17, 2003

TO: Application G- 16082

FROM: GW: IVAN GALL
(Reviewer's Name)

SUBJECT: Scenic Waterway Interference Evaluation

Yes

The source of appropriation is within or above a Scenic Waterway

No

Yes

Use the Scenic Waterway condition (Condition 7J).

No

PREPONDERANCE OF EVIDENCE FINDING: (Check box only if statement is true)

At this time the Department is unable to find that there is a preponderance of evidence that the proposed use of ground water will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

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

Exercise of this permit is calculated to reduce monthly flows in _____ Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

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 NOV 20 2003
 WATER RESOURCES DEPT
 SALEM, OREGON

PUBLIC INTEREST REVIEW FOR GROUND WATER APPLICATIONS

TO: Water Rights Section Date: November 17, 2003
 FROM: Ground Water/Hydrology Section Ivan Gall Reviewer's Name
 SUBJECT: Application G- 16082 Supersedes review of N/A Date of Review(s)

PUBLIC INTEREST PRESUMPTION; GROUNDWATER

OAR 690-310-130 (1) *The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525. Department staff review ground water applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. This review is based upon available information and agency policies in place at the time of evaluation.*

A. GENERAL INFORMATION: Applicant's Name: George Fardelmann County: Josephine

A1. Applicant(s) seek(s) .056 cfs from one well(s) in the Rogue Basin,
Little Applegate - Sterling Creek subbasin Quad Map: Sterling Creek

A2. Proposed use: Irrigation of 7.26 acres Seasonality: April 1 to October 31

A3. Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid):

Well	Logid	Applicant's Well #	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36
1	JACK 18125	1	Bedrock	.056	39S/02W-6dd	192' N, 1,334' W fr SE cor S 6
2						
3						
4						
5						

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforations Or Screens (ft)	Well Yield (gpm)	Draw Down (ft)	Test Type
1	2,360	24	23	9-19-77	260	0 - 20	+1 - 34	NA	24 - 33	50	218	Air?

Use data from application for proposed wells.

A4. **Comments:** From Tom Wiley, pers. comm., October 27, 2003: Unpublished geology suggests mix of meta-sandstone and shale (argillite/phyllite). Basaltic andesite south of well, small granitic intrusive near Buncom ~ 2 miles SW of site. Folding and foliations present in bedrock outcrops.

A5. **Provisions of the Rogue** Basin rules relative to the development, classification and/or management of ground water hydraulically connected to surface water are, or are not, activated by this application. (Not all basin rules contain such provisions.)
 Comments: OAR Ch 690-515-0030

A6. Well(s) # _____, _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction.
 Name of administrative area: _____
 Comments: _____

B. GROUND WATER AVAILABILITY CONSIDERATIONS, OAR 690-310-130, 400-010, 410-0070

B1. Based upon available data, I have determined that ground water* for the proposed use:

- a. is over appropriated, is not over appropriated, or cannot be determined to be over appropriated during any period of the proposed use. * This finding is limited to the ground water portion of the over-appropriation determination as prescribed in OAR 690-310-130;
- b. will not or will likely be available in the amounts requested without injury to prior water rights. * This finding is limited to the ground water portion of the injury determination as prescribed in OAR 690-310-130;
- c. will not or will likely to be available within the capacity of the ground water resource; or
- d. will, if properly conditioned, avoid injury to existing ground water rights or to the ground water resource:
 - i. The permit should contain condition #(s) 7B, 7C, 7F, 7J;
 - ii. The permit should be conditioned as indicated in item 2 below.
 - iii. The permit should contain special condition(s) as indicated in item 3 below;

- B2. a. Condition to allow ground water production from no deeper than _____ ft. below land surface;
- b. Condition to allow ground water production from no shallower than _____ ft. below land surface;
- c. Condition to allow ground water production only from the _____ ground water reservoir between approximately _____ ft. and _____ ft. below land surface;
- d. Well reconstruction is necessary to accomplish one or more of the above conditions. The problems that are likely to occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Ground Water Section.

Describe injury –as related to water availability– that is likely to occur without well reconstruction (interference w/ senior water rights, not within the capacity of the resource, etc): _____

B3. Ground water availability remarks: **** Require applicant to install and maintain a properly functioning, totalizing flow meter prior to any groundwater use under this permit.**

Well log info in this area is sparse, given the large parcel sizes and lack of well installations. JACK 18127, 18129, and 18130 are all on Tax Lot 1600, section 7, just south of the subject property. Well logs suggest a problem with long term yield of wells. JACK 18125 (applicant's well), JACK 18127, 18129, 18126, and 18128 all indicate multiple water-bearing zones with the same static water level. This suggests that the bedrock aquifer is sufficiently fractured to act as one aquifer from shallow to deeper depths. Well logs and discussion with Tom Wiley (DOGAMI) suggest aquifer material is fractured sandstone. Depth of first water varies from approximately 25 feet bgs to 120 feet bgs. Static water levels are generally shallow, varying from 19 feet to 80 feet bgs.

There are no state obs well water level data near this area. I have received no well interference complaints for this area over the past 5 years.

C. GROUND WATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040

C1. **690-09-040 (1):** Evaluation of aquifer confinement:

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
1	Bedrock	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer confinement evaluation: Static water levels reported on area well logs, including the subject well log, indicate similar static levels at different water-bearing zones, including the shallow, first water zones. Static water levels are relatively shallow, most being less than 50 feet bgs. Applicant's well log reports first water at 24 feet and a static of 23 feet.

C2. **690-09-040 (2) (3):** Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than ¼ mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source. Include in this table any streams located beyond one mile that are evaluated for PSI.

Well	SW #	Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	Hydraulically Connected?			Potential for Subst. Interfer. Assumed?	
						YES	NO	ASSUMED	YES	NO
1	1	Hukill Hollow	2337	2340	50	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1	2	Sterling Creek	2337	2,020	5,900	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1	3	Little Applegate River	2337	1,640	11,400	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer hydraulic connection evaluation: Groundwater elevations are similar to, or greater than, the local stream stage elevations. The similarity between the static water level in the applicant's well and the stage of Hukill Hollow suggest that the stream is acting as a discharge location for local groundwater. The Little Applegate River is a large stream, incised into local geology, and likely is the discharge location for local and sub-regional flow systems.

Water Availability Basin the well(s) are located within: Little Applegate River (watershed ID # 70982)

C3a. **690-09-040 (4):** Evaluation of stream impacts for each well that has been determined or assumed to be **hydraulically connected and less than 1 mile** from a surface water source. Limit evaluation to instream rights and minimum stream flows that are pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Compare the requested rate against the 1% of 80% natural flow for the pertinent Water Availability Basin (WAB). If Q is not distributed by well, use full rate for each well. Any checked box indicates the well is assumed to have the potential to cause PSI.

Well	SW #	Well < ¼ mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
1	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA	NA	<input type="checkbox"/>	NA	<input type="checkbox"/>	6.5	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

C3b. **690-09-040 (4):** Evaluation of stream impacts by total appropriation for all wells determined or assumed to be **hydraulically connected and less than 1 mile** from a surface water source. **Complete only if Q is distributed among wells.** Otherwise same evaluation and limitations apply as in C3a above.

	SW #	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
		<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

Comments: Stream depletion analysis based on excel spreadsheet analytical equations by Hunt and Jenkins. Since governing assumptions not met, storage and hydraulic conductivity estimates adjusted to help compensate. The adjustments to hydraulic conductivity and storage err in favor of the applicant, and may not necessarily reflect actual aquifer properties. Although stream may seasonally cease to flow, groundwater use in the area will result in a decline in aquifer storage, and this deficit must be filled by additional precipitation infiltration that otherwise would contribute to streamflow in the basin.

C4a. **690-09-040 (5):** Estimated impacts on **hydraulically connected surface water sources greater than one mile** as a percentage of the proposed pumping rate. Limit evaluation to the effects that will occur up to one year after pumping begins. This table encompasses the considerations required by 09-040 (5)(a), (b), (c) and (d), which are not included on this form. Use additional sheets if calculated flows from more than one WAB are required.

Non-Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2	%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS		0	0	.023	.023	.023	.023	.023	.023	.023	.023	0	0
Interference CFS		0	0	0	0	0	0	0	0	0	0	0	0
1	3	%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS		0	0	.023	.023	.023	.023	.023	.023	.023	.023	0	0
Interference CFS		0	0	0	0	0	0	0	0	0	0	0	0
		%	%	%	%	%	%	%	%	%	%	%	%
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
(A) = Total Interf.		0	0	0	0	0	0	0	0	0	0	0	0
(B) = 80 % Nat. Q													
(C) = 1 % Nat. Q													
(D) = (A) > (C)													
(E) = (A / B) x 100		0 %	0%	0 %	0 %	0 %	0%	0 %	0%	0 %	0%	0%	0%

(A) = total interference as CFS; (B) = WAB calculated natural flow at 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as CFS; (D) = highlight the checkmark for each month where (A) is greater than (C); (E) = total interference divided by 80% flow as percentage.

Basis for impact evaluation: Same analytical solution as described above in C3b.

D. WELL CONSTRUCTION, OAR 690-200

D1. Well #: _____ Logid: _____

D2. **THE WELL 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) _____

D3. **THE WELL construction deficiency:**

- a. constitutes a health threat under Division 200 rules;
- b. commingles water from more than one ground water reservoir;
- c. permits the loss of artesian head;
- d. permits the de-watering of one or more ground water reservoirs;
- e. other: (specify) _____

D4. **THE WELL construction deficiency is described as follows:** _____

D5. **THE WELL** a. was, or was not constructed according to the standards in effect at the time of original construction or most recent modification.

b. I don't know if it met standards at the time of construction.

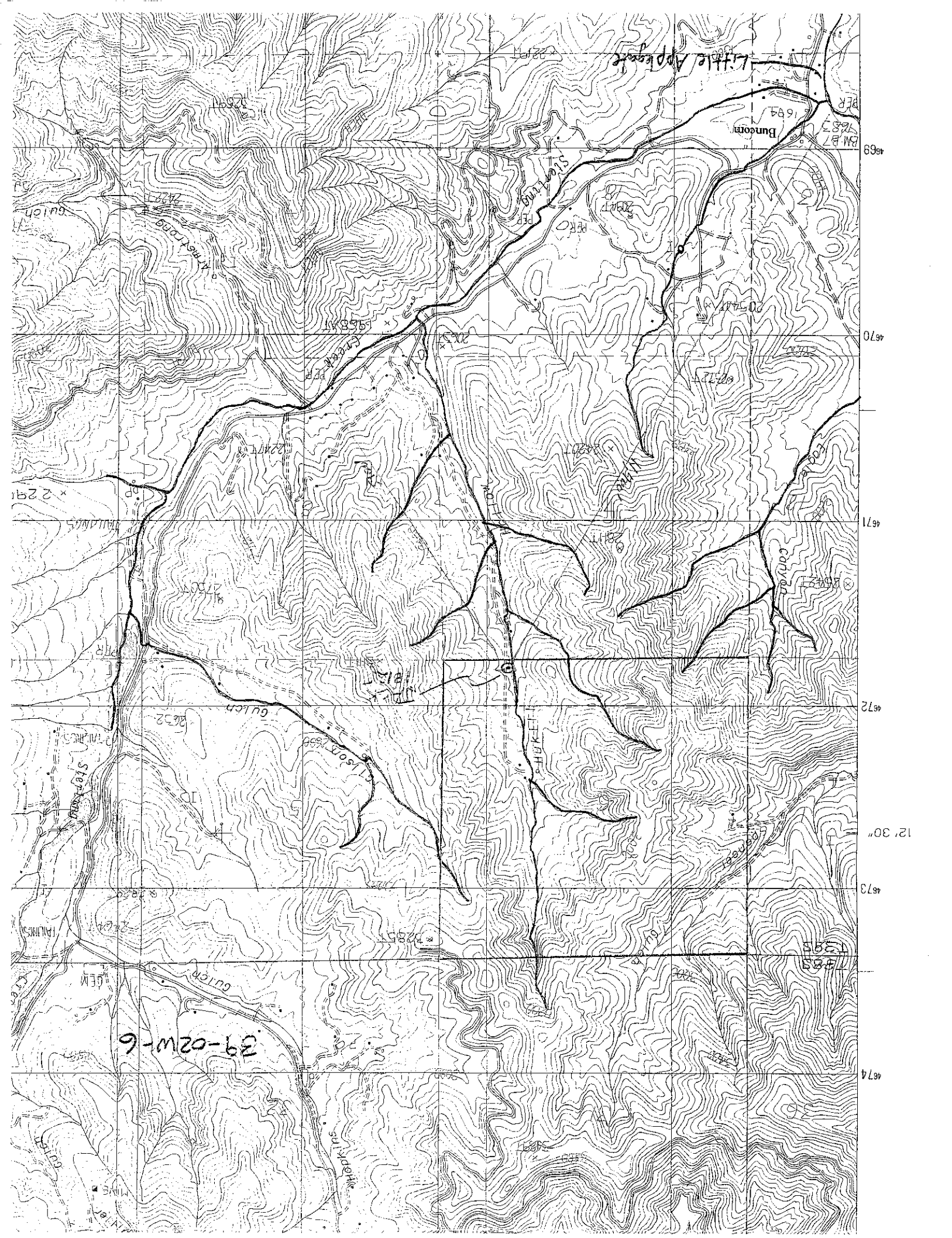
D6. **Route to the Enforcement Section.** I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Enforcement Section and the Ground Water Section.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

D7. Well construction deficiency has been corrected by the following actions: _____

_____, 200_____
(Enforcement Section Signature)

D8. **Route to Water Rights Section (attach well reconstruction logs to this page).**



Little Applegate

Buncom

SHCKET

39-02W-6

4869

4870

4871

4872

12' 30"

4873

4874

Guich

Stephan

Guich

Guich

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11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DETAILED REPORT OF INSTREAM REQUIREMENTS
Water Availability as of 10/23/2003 for
APPLEGATE R > ROGUE R - AB JOE G

Watershed ID #: 250 Basin: ROGUE Exceedance Level: 80
Time: 10:43 Date: 10/23/2003

-----ISWRs-----									
APP #	250A	0	0	0	0	0	0	0	MAXIMUM
Status	Cert.								
1	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00
2	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00
3	265.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	265.00
4	265.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	265.00
5	265.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	265.00
6	265.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	265.00
7	230.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	230.00
8	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00
9	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00
10	240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	240.00
11	240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	240.00
12	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION
Water Availability as of 10/23/2003 for
LITTLE APPLEGATE R > APPLEGATE R - AT MOUTH

Watershed ID #: 70982 Basin: ROGUE Exceedance Level: 80
Time: 10:43 Date: 10/23/2003

Month	Natural Stream Flow	CU + Stor Prior to 1/1/93	CU + Stor After 1/1/93	Expected Stream Flow	Reserved Stream Flow	Instream Water Rights	Net Water Available
1	18.70	1.28	0.00	17.40	0.00	45.90	-28.50
2	33.10	1.35	0.30	31.40	0.00	85.00	-53.60

3	44.30	1.32	0.00	43.00	0.00	76.20	-33.20
4	56.30	10.30	0.00	46.00	0.00	75.90	-29.90
5	63.40	15.90	0.00	47.50	0.00	73.20	-25.70
6	25.50	21.90	0.00	3.60	0.00	50.00	-46.40
7	1.87	29.00	0.00	-27.10	0.00	14.60	-41.70
8	3.56	24.10	0.00	-20.50	0.00	2.01	-22.50
9	0.11	16.10	0.00	-16.00	0.00	1.51	-17.50
10	1.29	5.91	0.00	-4.62	0.00	11.50	-16.10
11	15.90	1.26	0.00	14.60	0.00	25.40	-10.80
12	17.90	1.26	0.00	16.60	0.00	29.40	-12.80
Stor	31700	7870	17	26900	0	29400	889

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGES

Water Availability as of 10/23/2003 for

LITTLE APPLGATE R > APPLGATE R - AT MOUTH

Watershed ID #: 70982 Basin: ROGUE Exceedance Level: 80
 Time: 10:43 Date: 10/23/2003

Mo	Storage	Irrig	Munic	Ind/Man	Commer	Domest	Agricul	Other	Total
1	0.06	0.00	0.00	0.15	0.00	1.06	0.02	0.00	1.29
2	0.43	0.00	0.00	0.15	0.00	1.06	0.02	0.00	1.65
3	0.10	0.00	0.00	0.15	0.00	1.06	0.02	0.00	1.32
4	0.00	9.10	0.00	0.15	0.00	1.06	0.02	0.00	10.30
5	0.00	14.63	0.00	0.15	0.00	1.06	0.02	0.00	15.90
6	0.00	20.67	0.00	0.15	0.00	1.06	0.02	0.00	21.90
7	0.00	27.78	0.00	0.15	0.00	1.05	0.02	0.00	29.00
8	0.00	22.86	0.00	0.15	0.00	1.05	0.02	0.00	24.10
9	0.00	14.88	0.00	0.15	0.00	1.05	0.02	0.00	16.10
10	0.00	4.69	0.00	0.15	0.00	1.06	0.02	0.00	5.91
11	0.03	0.00	0.00	0.15	0.00	1.06	0.02	0.00	1.26
12	0.04	0.00	0.00	0.15	0.00	1.06	0.02	0.00	1.26

DETAILED REPORT OF RESERVATIONS FOR CONSUMPTIVE USE

Water Availability as of 10/23/2003 for

LITTLE APPLGATE R > APPLGATE R - AT MOUTH

Watershed ID #: 70982 Basin: ROGUE Exceedance Level: 80
 Time: 10:43 Date: 10/23/2003

-----Reservations-----								
APP #	0	0	0	0	0	0	0	TOTAL
Status Use								
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

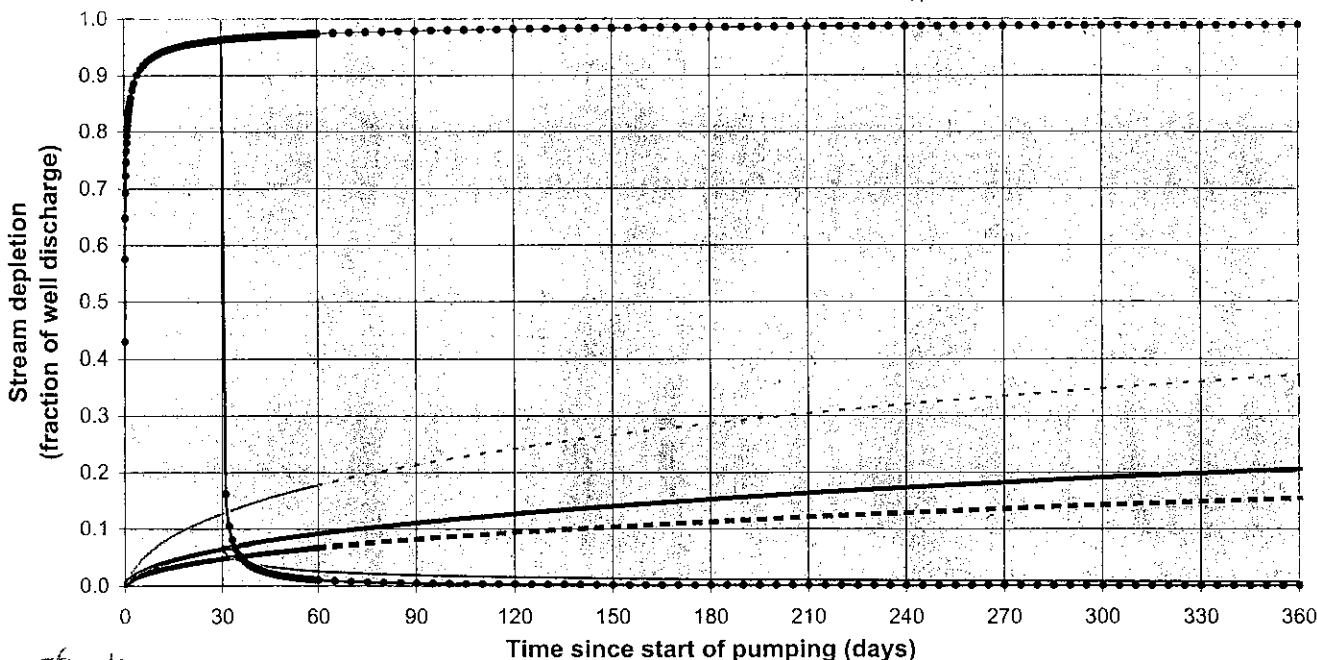
DETAILED REPORT OF INSTREAM REQUIREMENTS
Water Availability as of 10/23/2003 for
LITTLE APPLGATE R > APPLGATE R - AT MOUTH

Watershed ID #: 70982 Basin: ROGUE Exceedance Level: 80
Time: 10:43 Date: 10/23/2003

-----ISWRs-----								
APP #	70982A	0	0	0	0	0	0	MAXIMUM
Status	Cert.							
1	45.90	0.00	0.00	0.00	0.00	0.00	0.00	45.90
2	85.00	0.00	0.00	0.00	0.00	0.00	0.00	85.00
3	76.20	0.00	0.00	0.00	0.00	0.00	0.00	76.20
4	75.90	0.00	0.00	0.00	0.00	0.00	0.00	75.90
5	73.20	0.00	0.00	0.00	0.00	0.00	0.00	73.20
6	50.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00
7	14.60	0.00	0.00	0.00	0.00	0.00	0.00	14.60
8	2.01	0.00	0.00	0.00	0.00	0.00	0.00	2.01
9	1.51	0.00	0.00	0.00	0.00	0.00	0.00	1.51
10	11.50	0.00	0.00	0.00	0.00	0.00	0.00	11.50
11	25.40	0.00	0.00	0.00	0.00	0.00	0.00	25.40
12	29.40	0.00	0.00	0.00	0.00	0.00	0.00	29.40

Transient Stream Depletion (Jenkins, 1970; Hunt, 1999)

G-16082 Fardelmann HUKILL HOLLOW



D&S
Sandstone $K = 6 \times 10^{-6}$ m/sec
 $= 1.7$ ft/day

Jenkins s2	Hunt s1	Hunt s2
Jenkins s2 residual	Hunt s3	Hunt s2 residual

FAC

$S_y = 0.01 - 0.30$
Assume $S_y = 0.10$
relatively large
for fracture rock

Output for Hunt Stream Depletion, Scenario 2 (s2): Time pump on = 30 days

Days	30	60	90	120	150	180	210	240	270	300	330	360
Hunt SD s2	0.0651	0.0264	0.0195	0.0159	0.0137	0.0121	0.0108	0.0099	0.0091	0.0085	0.0079	0.0075
Qw, cfs	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056
H SD s2, cfs	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000

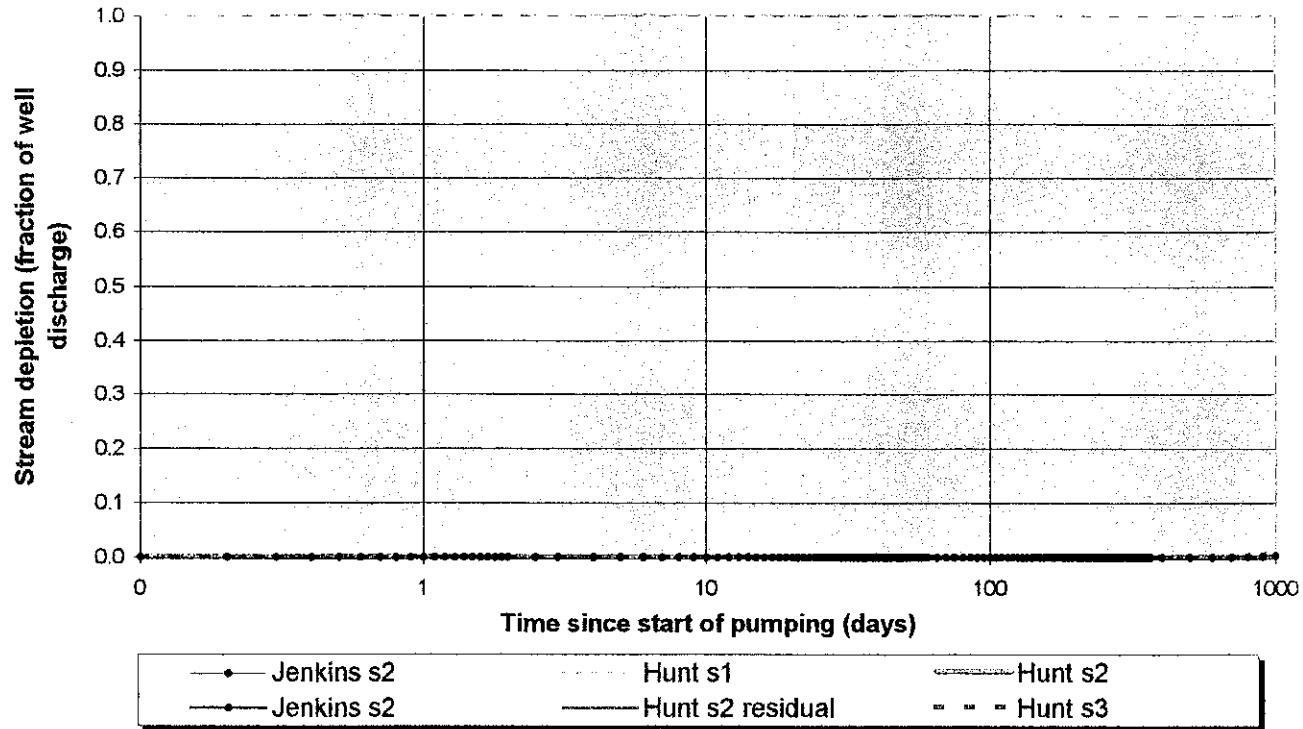
(for confined aqs, FAC gives values of 5×10^{-3} to 5×10^{-5})

Hukill Hollow

Parameters:		Scenario 1	Scenario 2	Scenario 3	Units
Net steady pumping rate	Qw	0.056	0.056	0.056	cfs
Distance to stream	a	50	50	50	ft
Aquifer hydraulic conductivity	K	2	10	20	ft/day
Aquifer thickness	b	200	200	200	ft
Aquifer transmissivity	T	400	2000	4000	ft ² /day
Aquifer storage coefficient	S	0.1	0.1	0.1	
Stream width	ws	5	5	5	ft
Streambed hydraulic conductivity	Ks	0.2	0.2	0.2	ft/day
Streambed thickness	bs	3	3	3	ft
Streambed conductance	sbc	0.333333333	0.333333333	0.333333333	ft/day
Stream depletion factor (Jenkins)	sdf	0.625	0.125	0.0625	days
Streambed factor (Hunt)	sbf	0.041666667	0.008333333	0.004166667	

Transient Stream Depletion (Jenkins, 1970; Hunt, 1999)

G-16082 Fardelmann



Output for Hunt Stream Depletion, Scenerio 2 (s2):

Days	30	60	90	120	150	180	210	240	270	300	330	360
Hunt SD s2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Qw, cfs	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023
H SD s2, cfs	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Parameters:		Scenario 1	Scenario 2	Scenario 3	Units
Net steady pumping rate	Qw	0.023	0.023	0.023	cfs
Distance to stream	a	5900	5900	5900	ft
Aquifer hydraulic conductivity	K	2	1	0.02	ft/day
Aquifer thickness	b	200	200	200	ft
Aquifer transmissivity	T	400	200	4	ft ² /day
Aquifer storage coefficient	S	0.1	0.1	0.1	
Stream width	ws	5	5	5	ft
Streambed hydraulic conductivity	Ks	0.2	0.2	0.2	ft/day
Streambed thickness	bs	3	3	3	ft
Streambed conductance	sbc	0.333333333	0.333333333	0.333333333	ft/day
Stream depletion factor (Jenkins)	sdf	8702.5	17405	870250	days
Streambed factor (Hunt)	sbf	4.916666667	9.833333333	491.6666667	

sterling cr

Stream Depletion Analysis
sd_hunt (stream depletion hunt)

Written by Karl C. Wozniak
Oregon Water Resources Department
Karl.C.Wozniak@wrdd.state.or.us
Created: 8/3/03
Last modified: 8/11/03
Version: 1.10

Function of model:

Calculates transient stream depletion using methods of Jenkins, 1970, and Hunt, 1999.

References:

1. Environment Canterbury, 2000, Guidelines for the assessment of groundwater abstraction effects on stream flow: New Zealand Environment Canterbury Regional Council.
2. Glover, R.E. and Balmer, C.G., 1954, river depletion from pumping a well near a river: American Geophysical Union Transactions, v. 35, no. 3, p. 468-470.
3. Hunt, B., 1999, Unsteady stream depletion from ground water pumping: Ground Water, v. 37, no. 1, p. 98-102.
3. Jenkins, C.T., 1968, Techniques for computing rate and volume of stream depletion by wells: Ground Water, v. 6, no. 2, p. 37-46.
4. Jenkins, C.T., 1970, Computation of rate and volume of stream depletion by wells: U.S. Geol. Survey Techniques of Water-Resources Investigations of the United States Geological Survey, Chapter D1, Book 4, 17 p.
5. Theis, 1941, The effect of a well on the flow of a nearby stream: American Geophysical Union Trans., v. 22, pt. 3, p. 734-738.

Model Assumptions:

1. The ratio of vertical to horizontal velocity components is small (the Dupuit approximation)
2. The aquifer is of infinite extent and is homogenous and isotropic in all horizontal directions.
3. Drawdowns are small enough compared with saturated aquifer thicknesses to allow the governing equations to be linearized.
4. The streambed cross section has horizontal and vertical dimensions that are small compared to the saturated aquifer thickness, and the stream extends from $y = -\infty$ to $y = \infty$ along $x = 0$.
5. The well flow rate, Q_w , is constant for $0 < t < \infty$ ($t =$ time pumped)
6. Changes in water surface elevation in the river created by pumping are small compared with changes created in the water table elevation on the aquifer side of the semipervious layer.
7. Seepage flow rates from the river into the aquifer are linearly proportional to the change in piezometric head across the semipervious layer.

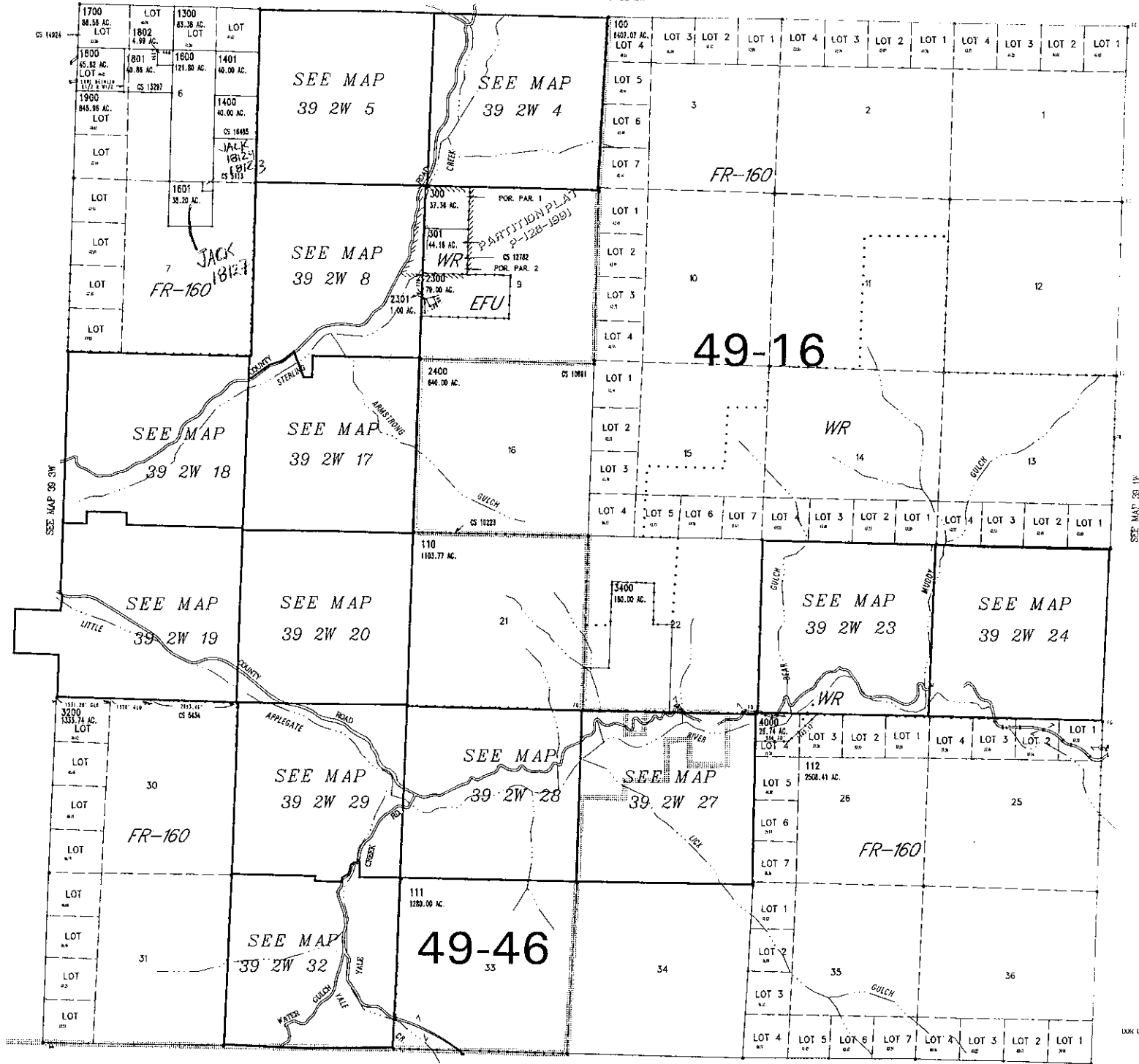
THIS MAP WAS PREPARED FOR
ASSESSMENT PURPOSE ONLY

JACKSON COUNTY

1" = 2000'

39 2W
& INDEX

SEE MAP 38 2W



METAFLE K/MAP-TWP/392W/00/0/00 PLATCBA
CREATED FRIDAY FEBRUARY 16, 2001 12:22 PM By LUNDBERL

39 2W
& INDEX
DANK CONVERSION OCTOBER 27, 2001
REV OCTOBER 27, 2001

RECEIVED

JACK 1/8/88

39/2W-7

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

FEB 3 1988

(1) OWNER: Name James G. Miller, Address P.O. BOX 1088, City Ashland, State OR, Zip 97520

WATER RESOURCES DEPT. SALEM, OREGON

(9) LOCATION OF WELL by legal description: County Jackson, Township 39, Section 7, Tax Lot 305

(2) TYPE OF WORK: [X] New Well, [] Deepen, [] Recondition, [] Abandon

(3) DRILL METHOD: [X] Rotary Air, [] Rotary Mud, [] Cable, [] Other

(4) PROPOSED USE: [X] Domestic, [] Community, [] Industrial, [] Irrigation, [] Thermal, [] Injection, [] Other

(10) STATIC WATER LEVEL: 40' ft. below land surface, Date 1-14-88

BORE HOLE CONSTRUCTION: Special Construction approval Yes No, Depth of Completed Well 300 ft.

(11) WATER BEARING ZONES: Depth at which water was first found 50'

Table with columns: HOLE (meter From, To), SEAL (Material, From, To), Amount (sacks or pounds)

Table with columns: From, To, Estimated Flow Rate, SWL

How was seal placed: Method [] A [] B [X] C [] D [] E

(12) WELL LOG: Ground elevation

Table for (6) CASING/LINER: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded

Table for (12) WELL LOG: Material, From, To, SWL

(7) PERFORATIONS/SCREENS: Table with columns: m, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner

Date started 1-12-88, Completed 1-14-88

(8) WELL TESTS: Minimum testing time is 1 hour. Table with columns: Yield gal/min, Drawdown, Drill stem at, Time

(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.

Temperature of water, Depth Artesian Flow Found, Was a water analysis done?

(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.

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JACK
18189

39S/2W-7CA

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

SEP 29 1987

(1) OWNER:

Name James E. Davenport
Address 9400 Sterling Crk. Rd.
City Jacksonville State Ore. Zip 97530

Well Number
WATER RESOURCES DEPARTMENT
SALEM, OREGON

(2) LOCATION OF WELL by legal description:

County Jackson Latitude _____ Longitude _____
Township 39S N or S, Range 2W E or W, WM.
Section 7 NE 1/4 SW 1/4
Tax Lot 1601 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Same as #1

(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 500 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
6"	0	25	Bent.	0	25	750 lbs

How was seal placed: Method A B C D E
 Other Poured Dry

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
6"	+1	59	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

location of shoe(s) 59'

(7) PERFORATIONS/SCREENS:

Perforations Method NA
 Screens Type _____ Material _____

m	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
9		500	1 hr.

Temperature of water 55 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: _____

(10) STATIC WATER LEVEL:

50 ft. below land surface. Date 9/11/87
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

From	To	Estimated Flow Rate	SWL
95	96	1	50
286	287	1	50
437	438	3	50
474	475	4	50

(12) WELL LOG:

Material	From	To	SWL
Soil Brown	0	15	
Clay Brown	15	26	
Claystone Brown	26	53	
Conglomerate Gray	53	95	
Granite Gray	95	210	50
Basalt Gray	210	500	50

Date started 9/10/87 Completed 9/11/87

(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.

Gribble Well Drilling 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.

Signed *Angie M. Melton* WWC Number 705
Date 9-27-87

C. Application/Distribution Method

What equipment will you use to apply water to your place of use? _____

The well will be pumped into reservoir where water enters pipe distributions system.

Irrigation or land application method (check all that apply):

- Flood
- Drip
- Hand lines
- Siphon tubes or gated pipe with furrows
- Other, describe Mini sprinkler
- High-pressure sprinkler
- Water cannons
- Wheel lines
- Low pressure sprinkler
- Center pivot system

Distribution method

- Direct pipe from source
- In-line storage (tank or pond)
- Open canal

D. Conservation

What methods will you use to conserve water? Why did you choose this distribution or application method? For example, if you are using sprinkler irrigation rather than drip irrigation, explain. If you need additional space, attach a separate sheet.

Distribution will be through sealed system

6. PROJECT SCHEDULE

Indicate the anticipated dates that the following construction tasks should begin. If construction has already begun, or is completed, please indicate that date.

Proposed date construction will begin Well was constructed in 1977

Proposed date construction will be completed _____

Proposed date beneficial water use will begin June 2005

7. REMARKS

If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.

The well will be used as a supplemental supply only. It is anticipated that the ponds used for the primary supply will provide adequate supply most years. At times it is necessary to use the ground water, it will be pumped into the proposed reservoir #1 of the companion surface water application. To avoid conflict because of a potential surface water connection, it is requested that the use of the well be limited to times when there is no flowing water in Hukill Hollow.

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SEP 02 2003

WATER RESOURCES DEPT.
SALEM, OREGON

8. MAP REQUIREMENTS

The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

9. SIGNATURE

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WATER RESOURCES DEPT.
SALEM, OREGON

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be canceled.
- The water use must be compatible with local comprehensive land use plans.
- Even if the Department issues a permit to me, I may have to stop using water to allow senior water right holders to get water they are entitled to, and

I swear that all information provided in this application is true and correct to the best of my knowledge:

Signature of Applicant

Date

Signature of Co-applicant

Date

Before you submit your application be sure you have:

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included a Land Use Information Form or receipt stub signed by a local official.
- Included the legal description of all the property involved with this application. You may supply a copy of the deed, land sales contract, or title insurance policy, to meet this requirement.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount.



Oregon Water Resources Department

FORM I

FOR IRRIGATION WATER USE

1. Please indicate whether you are requesting a primary or supplemental irrigation water right.

Primary Supplemental

If supplemental, please indicate the number of acres that will be irrigated for each type of use.

Primary: _____ Acres

Secondary: 7.26 Acres

List the permit or certificate number of the primary water right: Attached surface application no. _____

2. Please list the anticipated crops you will grow and whether you will be irrigating them for a full or partial season:

1. Grapes, nuts and olives Full season Partial season (from: 4-1 to 10-31) during establishment period
2. Garlic; spring vegetables Full season Partial season (from: 5-1 to 8-31)
3. _____ Full season Partial season (from: _____ to _____)
4. _____ Full season Partial season (from: _____ to _____)

Because of establishment period and rotation of planting, full season is requested.

3. Indicate the maximum total number of acre-feet you expect to use in an irrigation season:

18.15 acre-feet

(1 acre-foot equals 12 inches of water spread over one acre, or 43,560 cubic feet, or 325,851 gallons.)

After the permanent crops are established the expected use is 8 AF per year.

4. How will you schedule your applications of water? Will you be applying water in the evenings, twice a week, daily?

- Daily during daytime hours Daily during nighttime hours
- Two or three times weekly during daytime Two or three times weekly during nighttime
- Weekly, during daytime hours Weekly, during nighttime hours
- Other, explain: As required based on soil moisture

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SEP 02 2003

WATER RESOURCES DIV.
SALEM, OREGON

app no G-16082

WATER RIGHT SOLUTIONS, LLC

PO Box 4247
Medford, OR 97501
541-512-1159

July 14, 2003

Water Resources Department
158 12th Street NE
Salem, Oregon 97301-4172

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SEP 02 2003

WATER RESOURCES DEPT
SALEM, OREGON

RE: George Fardelmann application

Dear Reviewer;

Please find attached the applications in the name of George Fardelmann for the purpose of appropriating surface water from the flow of Hukill Hollow, tributary to Sterling Creek, tributary to the Little Applegate River for storage. The water availability chart indicates that water is available for appropriation for storage during the month of February. The applicant intends to use two existing ponds and three ponds to be constructed for storage.

During the times the ponds do not provide sufficient storage for the intended crops, there is a supplemental application for the use of Ground Water. Applicant intends to plant spring vegetables such as garlic, broccoli and peas that require very little irrigation in this area. A portion of the area will be planted into grapes, nuts and olives, which when established will require very little irrigation. Because of the type of crops planned, it is anticipated that only in the driest of years will the supplemental source be needed.

The surface water application also includes the request for domestic use from an unnamed spring for two households. This spring has been used for this purpose for many years (at least since ~~1929~~ 1910). GF.

The existing well, on which the supplemental ground water application is made, is located adjacent to Hukill Hollow. Even though the well has been constructed to seal out surface water, it is anticipated that a surface water connection may be a concern to the Department. Therefore, applicant requests that a condition be placed on the appropriation of the ground water to limit ground water use to the time when Hukill Hollow is not flowing. Hukill Hollow ceases flow in late May of dry years and early July of wet years. Said limitation will ensure non-interference with downstream rights, including instream rights, while providing an adequate resource for the applicant.

The irrigation system will consist of a 3 inch pipeline from the northerly reservoir down the hill to the most southerly reservoir and connecting to the reservoirs between. As the storage in the northerly reservoir (the highest in elevation) is depleted, water from the


app no G-16082

next reservoir will be pumped to the northerly reservoir. Irrigation of the crops will utilize the same pipeline and use gravity pressure from the reservoir to supply the drip and mini sprinkler system. The down hill reservoirs and the well will be reserved for last because of the cost of pumping uphill to the highest reservoir.

The reason it is anticipated that this application requests adequate water for the anticipated crops is that historically this property was an un-irrigated Italian Prune orchard. At this time applicant is successfully growing some of the anticipated crops without irrigation. The water will ensure the production of crops in dry years.

Thank you for your consideration of this matter.

Sincerely,



Hollie Cannon

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SEP 02 2003

WATER RESOURCES DEPT.
SALEM, OREGON

12 AFTER RECORDING RETURN TO:

AMERITITLE 743079-JH

10
10
11

02 10095

WARRANTY DEED

JEFFREY L. KING AND LILLIAN L. KING,
Grantor(s) hereby grant, bargain, sell, warrant and convey to:
GEORGE E. FARDELHANN AND JANICE PINHERO, HUSBAND AND WIFE,
Grantee(s) and grantee's heirs, successors and assigns the following described
real property, free of encumbrances except as specifically set forth herein in
the County of JACKSON and State of Oregon, to wit:
SEE EXHIBIT A WHICH IS MADE A PART HEREOF BY THIS REFERENCE

SUBJECT TO: all those items of record and those apparent upon the land, if
any, as of the date of this deed and those shown below, if any;
and the grantor will warrant and forever defend the said premises and every
part and parcel thereof against the lawful claims and demands of all persons
whomsoever, except those claiming under the above described encumbrances.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT
IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR
ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY
SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY
APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST
PRACTICES AS DEFINED IN ORS 30.930.

A PORTION OF
The true and actual consideration for this conveyance is pursuant to an IRC
1031 exchange on behalf of Grantor and/or Grantee.

Until a change is requested, all tax statements shall be sent to Grantee at the
following address: 490 Liberty Street, Ashland OR 97520

Dated this 26th day of FEBRUARY, 2002.

Jeffrey L. King
JEFFREY L. KING
Lillian L. King
LILLIAN L. KING

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SEP 02 2003

WATER RESOURCES DEPT.
SALEM, OREGON

STATE OF OREGON ss. FEBRUARY 26 2002
COUNTY OF JACKSON

Personally appeared the above named JEFFREY L. KING AND LILLIAN L. KING

and acknowledged the foregoing instrument to be THEIR voluntary act.



Refers to:
J. L. Hofmann
Notary Public for OREGON
My commission expires 6-15-06

ESCROW NO. AP0745079

Return to:
GEORGE E. FARDELHANN &
JANICE PINHERO
490 Liberty Street
Ashland, OR 97520

02 10095

Order No. 748079-JH

Exhibit 'A'

PARCEL I:

The Southwest Quarter of the Northeast Quarter and the West Half of the Southeast Quarter of Section 6, Township 39 South, of Range 2 West, Willamette Meridian, in Jackson County, Oregon.

PARCEL II:

Beginning at a 3/4" x 36" galvanized iron pipe located at the East one-sixteenth corner common to Sections 6 and 7 in Township 39 South of Range 2 West of the Willamette Meridian in Jackson County, Oregon; thence along the North boundary of said Section 7, North 89°11'10" West 249.42 feet to a 3/4" iron pin; thence South 10°58' West 295.87 feet to a 3/4" iron pin; thence North 88°37'10" East 285.77 feet to a 3/4" iron pin; thence continue North 88°37'10" East 20 feet, more or less, to intersect the East boundary of the Northwest Quarter of the Northeast Quarter of said Section 7; thence North along the East boundary of said Quarter-Quarter section 280 feet, more or less, to the point of beginning.

TOGETHER WITH all that portion lying Westerly of boundary line as established in Jackson County Circuit Court Case No. 00-0216-E4.

EXCEPTING THEREFROM all that portion lying Easterly of boundary line as established in Jackson County Circuit Court Case No. 00-0216-E4.

TOGETHER WITH ANY RIGHTS FOR INGRESS AND EGRESS AS SET FORTH IN THE CREATION OF MAY RECORDED ON NOVEMBER 14, 1973 AS DOCUMENT NO. 03-17218

Jackson County, Oregon
Recorded
OFFICIAL RECORDS
FEB 27 2003
9:00 AM
[Signature]
COUNTY CLERK

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WATER RESOURCES DEPT.
SALEM, OREGON

2



Oregon Water Resources Department Land Use Information Form

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, or used only on federal lands.

To Be Completed By Applicant

The following section includes information about proposed water use. This section must be completed by the individual or group that is filing an application for a water right with the Water Resources Department.

A. Applicant

Name: George Fardelmann

Address: 490 Liberty St

City: Ashland State: OR Zip: 97520 Day Phone: 541-899-3791

B. Land and Location

Please provide information as requested below for all tax lots on or through which water will be diverted, conveyed, or used. Check "diverted" if water is diverted (taken) from its source on tax lot, "conveyed" if water is conveyed (transported) on tax lot, and "used" if water will be put to beneficial use on tax lot. More than one box may be checked. (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 I.D.	Plan Designation (e.g. Rural Residential/RR-5)	Water to be: (check all that apply)		
392W1600	Forest (FR)	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used
		<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used
		<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used

List counties and cities where water is proposed to be diverted, conveyed, or used. _____

C. Description of Water Use

Indicate what the water will be used for. Include the beneficial use (found in the instruction booklet for your water right application) and use the space below to describe the key characteristics of the project.

Beneficial Use(s): Irrigation

Briefly describe: Irrigation of Spring vegetables, grapes, nuts and olives.

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WATER RESOURCES DEPT.
SALEM, OREGON

D. Source

Indicate the source for the proposed water use:

Reservoir/Pond Ground Water Surface Water _____ (source)

E. Quantity

Indicate the estimated quantity of water the use will require:

0.10 CFS GPM Acre-Feet

For Local Government Use Only

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

A. Allowed Use

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); 210.030(10). Go to section B "Approval" below

Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below.

Type of Land Use Approval Needed (e.g. plan amendments, rezones, conditional use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Check the item that applies: Land Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued

Note: Please attach documentation of applicable local land use approvals which have already been obtained. (Rec'd Action plus accompanying findings is sufficient.)

B. Approval

Please provide printed name and written signature.

Name: Todd Gardner Date: 7/9/03
 Title: Planning Tech I Phone: (541) 774-6900
 Signature: Todd Gardner

C. Additional Comments

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.

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WATER RESOURCES DEPT.
SALEM, OREGON

Note: If this form cannot be completed while the applicant waits, sign and detach the receipt stub as instructed below. You will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD will presume the land use associated with the proposed water right is compatible with local comprehensive plans. (See attached letter.)

appno G-16052

NEW APPLICATION ROUTE SLIP

RECEIPTING

POST CARD SENT

DATA CENTER

GROUND WATER

YES

NO

~~11-25-03~~ JAM

ANITA HUFFMAN EXT. 229

CORY ENGEL EXT. 324

JERRY GAINEY EXT. 458

KERRY LEFEVER EXT. 276

RUSS KLASSEN EXT. 266

A "Standard Reservoir" storing 9.2 acre-feet or more of water and has a dam height of 10.0 feet or greater needs to have a copy of the application & supplemental forms routed to "JOHN FALK."

ATT: WATER RIGHTS
SUPPORT...>>>>

Mark contents of Application File; Update Powerbuilder with caseworker, etc.;
Route to filing cabinet.



**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **62534**

158 12TH ST. N.E.
SALEM, OR 97301-4172
378-8455 / 378-8130 (FAX)

INVOICE # _____

RECEIVED FROM: George E. Fardelmann

APPLICATION G 16082

BY: _____

PERMIT _____

CASH: CHECK: # 1128 OTHER: (IDENTIFY)

TRANSFER _____

TOTAL REC'D \$ 740.00

0401 TREASURY 0417 WRD MISC CASH ACCT

0407	COPIES		\$
	OTHER: (IDENTIFY)		\$
	OTHER: (IDENTIFY)		\$

0427 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:			
0201	SURFACE WATER	EXAM FEE	RECORD FEE
0203	GROUND WATER	\$ 540.00	\$
0205	TRANSFER	\$ 400.00	\$
		\$	
WELL CONSTRUCTION			
0218	WELL DRILL CONSTRUCTOR	EXAM FEE	LICENSE FEE
	LANDOWNER'S PERMIT	\$	\$
	OTHER (IDENTIFY)		\$

*G-16082 \$400.00
R 85781 \$50.00
R 85782 20.00
R 85783 \$70.00
S 85784 \$400.00*

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: **62534**

DATED: 7/2/03 BY: Corinne U. nec

Purge 5/17/05

G-16082

G-16082

GEORGE FARDELMANN
490 LIBERTY ST
ASHLAND OR 97520