



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

November 15, 2008

ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD, OR 97504

Subject: Water Right Permit Number G- 13414

Dear Permit holder,

Oregon Administrative Rule 690-217-0020(1) requires that ground water permit holders with a priority date after December 20, 1988, submit the results of a pump test before the Water Resources Department can issue a water right certificate. A copy of your permit is enclosed. The purpose of this letter is to remind you of the pump test requirement.

Pump tests are intended to provide aquifer and well information for ground water resource characterization and to help solve well problems. There is no penalty for not submitting a pump test.

If there is a reason why a pump test cannot be performed on a well, the owner may request from the Director an exemption from the pump test requirement. Requests shall be in writing and include the reason why a pump test cannot be performed. Exemptions, or conditioned exemptions, shall be granted if the reasons are found to be valid and eliminating the problem would place an unreasonable burden on the well owner. Exemptions shall be granted for public water supply wells if pump testing will cause interruption of service to customers.

Pump tests shall not be required of wells with diameters greater than 36 inches and depths less than 30 feet. Pump tests shall not be required of collector-type wells or infiltration galleries. If your well meets one of these two requirements please let us know.

If you are interested in conducting the pump test yourself, you should first review the requirements at http://arcweb.sos.state.or.us/rules/OARS_600/OAR_690/690_217.html or ask that a copy of the rules be sent to you.

A copy of the pump test form has been included. If you have questions, if you are not the owner of a ground water permit or if you have moved, please call the Department at 503-986-0900.

Sincerely,

Diana Durbin
Water Rights Certificate Staff

C: Permit File



690-217-0050

Qualifications for Conducting Pump Tests

Only pump tests conducted by the well owner, a full-time employee of the well owner who routinely works with and is familiar with wells and pumps, or a qualified individual authorized by the well owner shall be accepted by the Director. Individuals in the following groups will be considered qualified and authorized provided they have significant experience conducting pump tests:

- (1) Oregon licensed water well constructors.
- (2) Oregon registered professional geologists or certified engineering geologists.
- (3) Certified water rights examiners.
- (4) Oregon registered professional engineers.
- (5) Individuals whose primary occupation involves, wholly or in significant part, pump installation, service or testing.

STATE OF OREGON

COUNTY OF JACKSON

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD, OREGON 97504

(503) 773-7411

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

APPLICATION FILE NUMBER: G-13129

SOURCE OF WATER: FIVE WELLS IN BEAR CREEK BASIN within the Rogue basin

PURPOSE OR USE: IRRIGATION OF 132.2 ACRES AND SUPPLEMENTAL IRRIGATION OF 42.6 ACRES

MAXIMUM RATE: NOT TO EXCEED A MAXIMUM CUMULATIVE TOTAL OF 2.01 CUBIC FEET PER SECOND, BEING 1.65 CFS FOR IRRIGATION AND 0.53 CFS FOR SUPPLEMENTAL IRRIGATION, FURTHER LIMITED TO 0.402 CFS FROM EACH WELL

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31 FOR PRIMARY IRRIGATION AND APRIL 1 THROUGH OCTOBER 31 FOR SUPPLEMENTAL IRRIGATION

DATE OF PRIORITY: SEPTEMBER 22, 1992

POINT OF DIVERSION LOCATION: NW 1/4 NE 1/4, SW 1/4 NE 1/4, SECTION 32, T37S, R1W, W.M.; WELL 1 - 1578 FEET NORTH AND 577 FEET EAST; WELL 2 - 1588 FEET NORTH AND 820 FEET EAST; WELL 3 - 1636 FEET NORTH AND 1063 FEET EAST; WELL 4 - 998 FEET NORTH AND 627 FEET EAST; WELL 5 - 588 FEET NORTH & 434 FEET EAST ALL FROM C1/4 CORNER, SECTION 32

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2 1/2 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

	<u>PRIMARY</u>	<u>SUPPLEMENTAL</u>
NW 1/4 NE 1/4		8.8 ACRES
SW 1/4 NE 1/4	2.0 ACRES	27.3 ACRES
SE 1/4 NE 1/4	5.1 ACRES	5.0 ACRES
SE 1/4 NW 1/4	8.5 ACRES	
NE 1/4 SE 1/4	29.3 ACRES	
NW 1/4 SE 1/4	20.6 ACRES	
SW 1/4 SE 1/4	1.0 ACRE	
SE 1/4 SE 1/4	24.0 ACRES	1.0 ACRE

SECTION 32

Application G-13129 Water Resources Department

PERMIT G-13414

T-8336 (Amend)

	<u>PRIMARY</u>	<u>SUPPLEMENTAL</u>
NW 1/4 SW 1/4	7.3 ACRES	
SW 1/4 SW 1/4	24.3 ACRES	0.5 ACRE
SECTION 33		
TOWNSHIP 37 SOUTH, RANGE 1 WEST, W.M.		
NW 1/4 NW 1/4	6.6 ACRES	
SECTION 4		
NE 1/4 NE 1/4	3.5 ACRES	
SECTION 5		
TOWNSHIP 38 SOUTH, RANGE 1 WEST, W.M.		

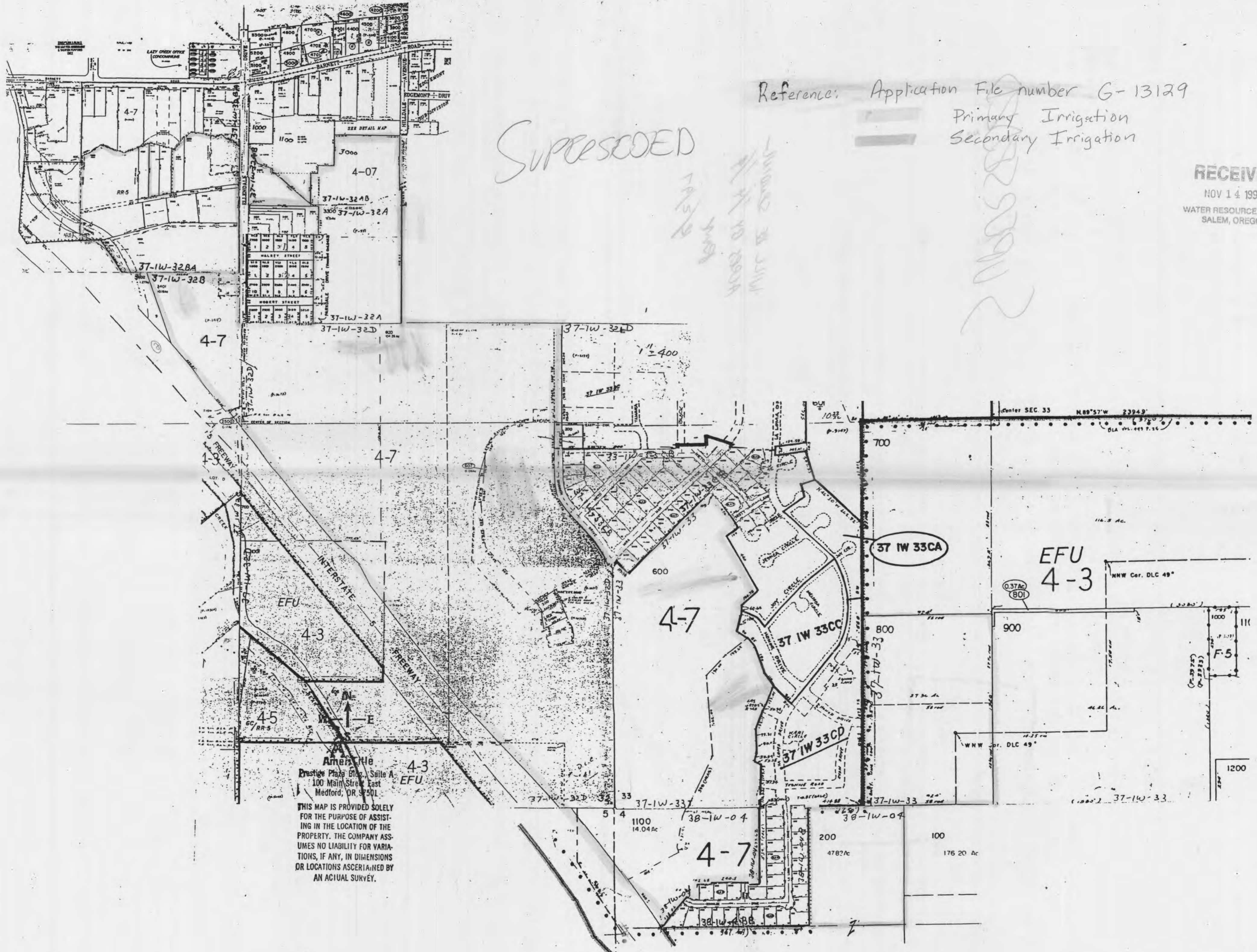
Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

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

If the number, location, or construction of any well deviates from that proposed in the permit application or permit conditions, the conclusions of the Technical Review, Initial Review or Proposed Final Order under which this permit was granted may be revised, conditions may be appropriately revised, or this permit may not be valid.

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.



SUPPRESSED

Reference: Application File number G-13129

Primary Irrigation
Secondary Irrigation

RECEIVED
NOV 14 1997
WATER RESOURCES DEPT.
SALEM, OREGON

American
Prestige Plaza Bldg., Suite A
100 Main Street East
Medford, OR 97501

THIS MAP IS PROVIDED SOLELY
FOR THE PURPOSE OF ASSIST-
ING IN THE LOCATION OF THE
PROPERTY. THE COMPANY ASS-
UMES NO LIABILITY FOR VARI-
ATIONS, IF ANY, IN DIMENSIONS
OR LOCATIONS ASCERTAINED BY
AN ACTUAL SURVEY.

Handwritten notes:
37-1W-32A
37-1W-32B
37-1W-32C
37-1W-32D
37-1W-33A
37-1W-33B
37-1W-33C
37-1W-33D

Handwritten notes:
37-1W-32A
37-1W-32B
37-1W-32C
37-1W-32D
37-1W-33A
37-1W-33B
37-1W-33C
37-1W-33D

Handwritten notes:
F-5

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report **quarterly** static water level measurements for seven consecutive years. The static water level shall be measured in the months of January, April, July, and October. Reports shall be submitted to the Department within 30 days of measurement. The first April measurement will establish the reference level against which future April measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

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

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

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

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

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

STANDARD CONDITIONS

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

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

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

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

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

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

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

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

Actual construction of the well shall begin by June 6, 1999. Complete application of water to the use shall be made on or before October 1, 2002. Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued June 8, 1998

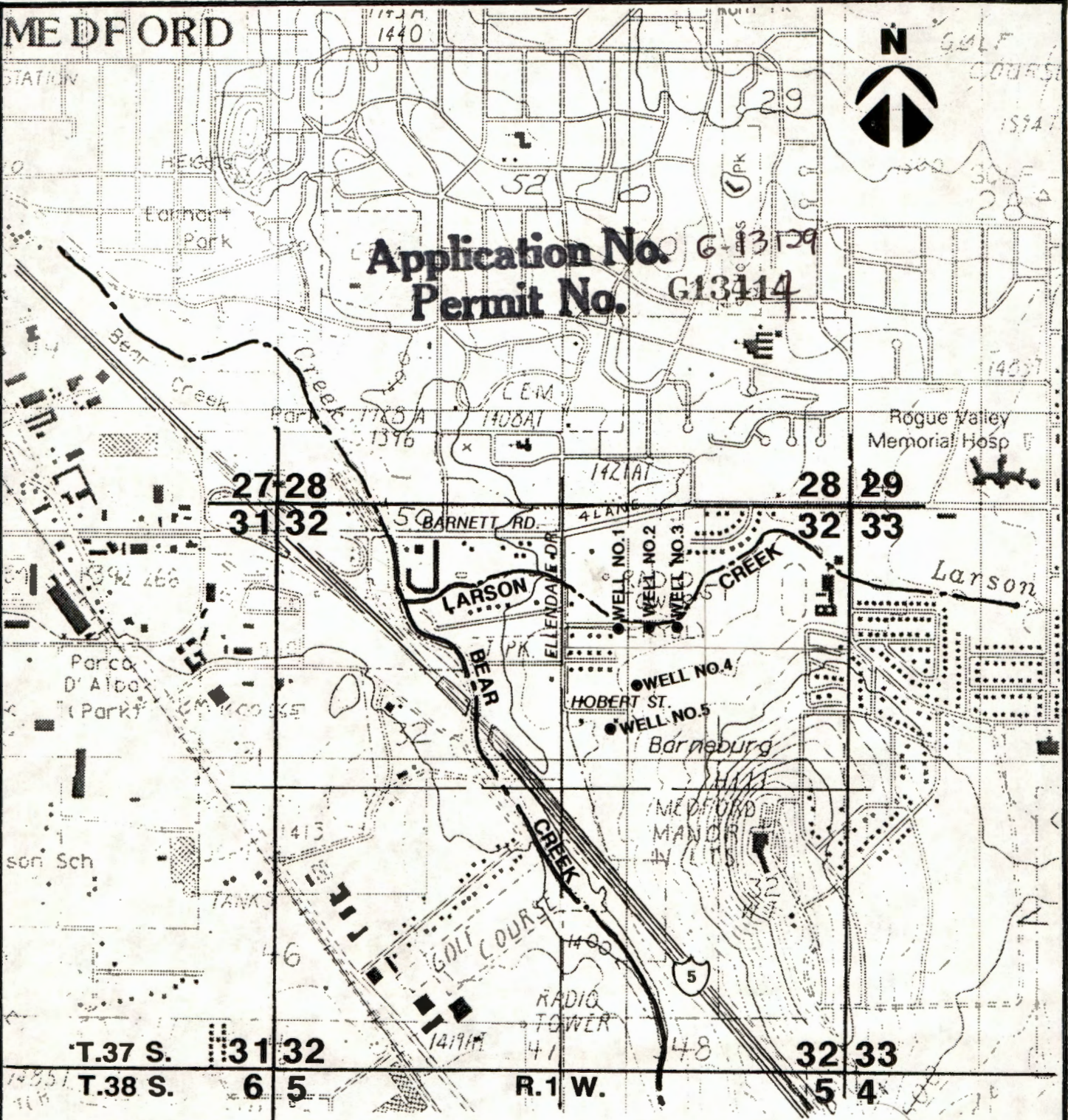

Martha O. Pagel, Director
Water Resources Department

Application G-13129 Water Resources Department PERMIT G-13414
Basin 15 Volume 3 LARSON CR & MISC District 13
RWK MGMT.CODES 3BW 7BG 7BR 7CG 7CR 7FG 7FR 7JG 7JR

ME DF ORD

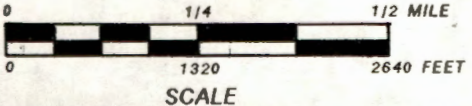


Application No. G-13129
Permit No. G13114



Well No.	*Distance (Ft)		Ground Elev.
	North	East	
1	1578	577	1411
2	1588	820	1414
3	1636	1063	1418
4	998	627	1443
5	588	434	1423

*From Center of 1/4 Section 32, T. 37 S., R. 1 W., W. M.



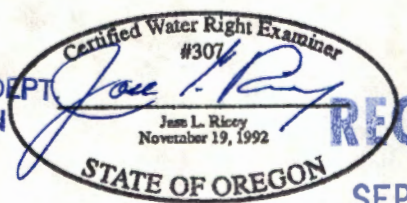
NOTE: MAP IS FOR THE INTENDED PURPOSE OF WELLS APPLICATION AND DOES NOT INTEND TO DIMENSION PROPERTY OR OWNERSHIP LINES.

WELLS APPLICATION

RECEIVED ROGUE VALLEY MANOR

SEP - 8 1992

WATER RESOURCES DEPT
SALEM, OREGON



RECEIVED

SEP 22 1992

WATER RESOURCES DEPT
SALEM, OREGON

IN THE NAME OF:

ROGUE VALLEY MANOR
1200 MIRA MAR AVENUE
MEDFORD, OR 97504
PH: (541) 857-7070

BY: L.J. FRIAR & ASSOCIATES P.C.
CONSULTING LAND SURVEYORS
816 WEST EIGHTH STREET
MEDFORD, OR 97501
PH: 772-2782

DATE: OCTOBER 17, 2002

FINAL PROOF MAP
SECTION 32, T.37S, R.1W, W.M.
JACKSON COUNTY, OREGON
Under Permit #G-13414

Application No. G-13129

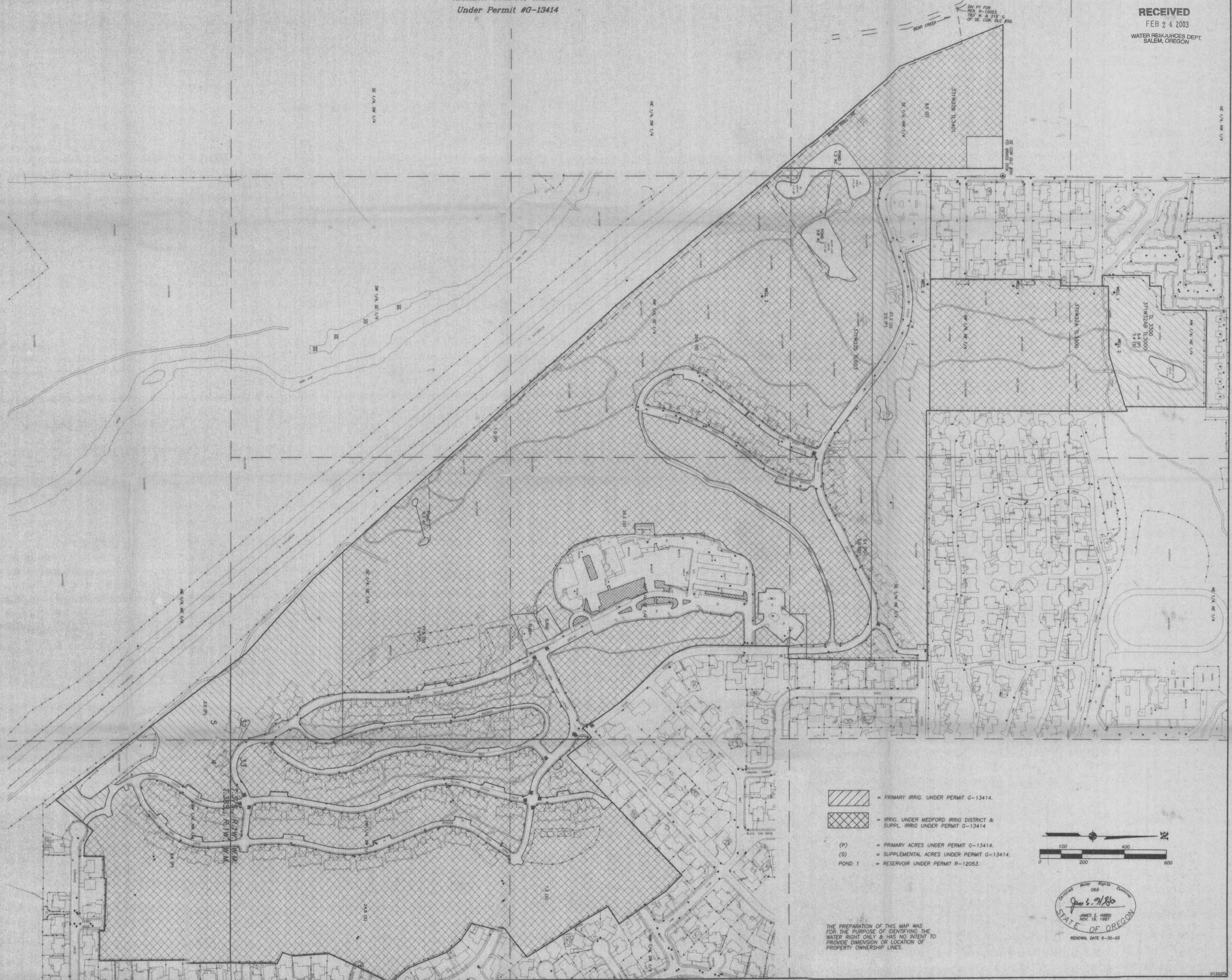
RECEIVED

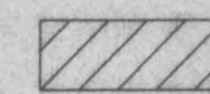

FEB 24 2003

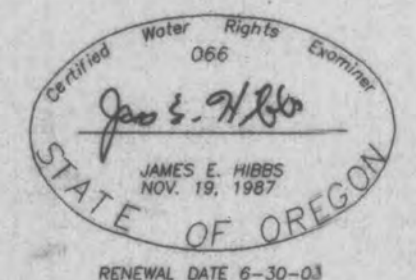
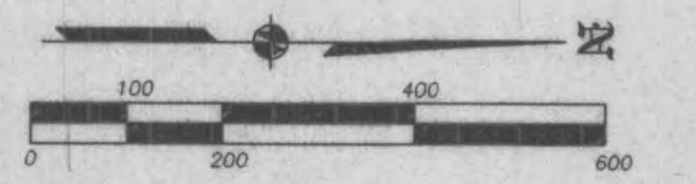
WATER RESOURCES DEPT.
SALEM, OREGON

TIES FROM SE COR DLC #50

TO WELL #1	N46°00'45"E	261
TO WELL #2	N85°43'36"E	856
TO WELL #3	N48°21'33"E	533
TO WELL #4	S89°13'58"E	623
TO WELL #5	S28°44'37"E	1271



-  = PRIMARY IRRIG. UNDER PERMIT G-13414.
-  = IRRIG. UNDER MEDFORD IRRIG DISTRICT & SUPPL. IRRIG UNDER PERMIT G-13414
- (P) = PRIMARY ACRES UNDER PERMIT G-13414.
- (S) = SUPPLEMENTAL ACRES UNDER PERMIT G-13414.
- POND 1 = RESERVOIR UNDER PERMIT R-12053.



THE PREPARATION OF THIS MAP WAS FOR THE PURPOSE OF IDENTIFYING THE WATER RIGHT ONLY & HAS NO INTENT TO PROVIDE DIMENSION OR LOCATION OF PROPERTY OWNERSHIP LINES.

TO: Water Rights Section

Sept 14, 1997

FROM: Groundwater/Hydrology Section Doug Woodcock

Reviewer's Name

SUBJECT: Application G- 13129

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE Basin rules, one or more of the proposed POA's is/is not within feet/mile of a surface water source () and taps a groundwater source hydraulically connected to the surface water.
2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
 - a. ___ will, or have the potential for substantial interference with the nearest
 - b. ___ will not surface water source, namely ; or
 - c. will if properly conditioned, adequately protect the surface water from interference:
 - i. The permit should contain condition #(s) 7B ;
 - ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below; or
 - d. ___ will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
 - a. ___ will, or likely be available in the amounts requested without injury to prior rights
 - b. ___ will not and/or within the capacity of the resource; or
 - c. will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
 - i. ___ The permit should contain condition #(s) _____;
 - ii. The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below; or
4.
 - a. ___ THE PERMIT should allow groundwater production from no deeper than ___ ft. below land surface;
 - b. ___ The permit should allow groundwater production from no shallower than ___ ft. below land surface;
 - c. ___ The permit should allow groundwater production only from the groundwater reservoir between approximately ___ ft. and ___ ft. below land surface;
 - d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
 - e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: SEE ATTACHED CONDITIONS MEMO

ALSO, USE APPEARS TO BE SUPPLEMENTAL NOT PRIMARY
SEE DESCRIPTION OF WATER DELIVERY SYSTEM.

(Well Construction Considerations on Reverse Side)

G-13129

INTEROFFICE MEMO

September 16, 1997

To: Dwight French
From: Doug Woodcock
Subject: Proposed Conditions for G-13129

Based upon new data supplied by the applicant's consultant, the Division 09 review has been superseded to reflect no potential for substantial interference. I recommend these conditions for the permit:

7B: Interference Condition, **7F** Proposed Well Location Condition, and **7C** Seven-Year Minimum Measurement Condition (modified below by requiring quarterly measurements and eliminating the 7C measurement schedule).

7C Seven Year Minimum Measurement Condition

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report quarterly static water level measurements for seven consecutive years. The static water level shall be measured in the months of January, April, July, and October. Reports shall be submitted to the Department within 30 days of measurement. The first April measurement will establish the reference level against which future April measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional 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 the April 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.

Water Resources Department

MEMO

Jan 23, 1996

TO Application G- 13129

FROM GW: Doug Woodcock
(Reviewer's Name)

SUBJECT Scenic Waterway Interference Evaluation

Yes
 No The source of appropriation is within or above a Scenic Waterway.

Yes
 No Use the Scenic Waterway condition (Condition 7J).

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

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

AT THIS TIME WE LACK A GENERALLY ACCEPTED HYDROGEOLOGIC METHOD FOR CALCULATING STREAM DEPLETION DUE TO APPROPRIATION FROM FRACTURED BEDROCK

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

13129

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology Files

Date 5/14/93

FROM: Douglas Woodcock

SUBJECT: Groundwater Application G- 13129

Applicant(s) seek 900 gpm (2.01 cfs) from 5 wells in the BEAR CR basin sub basin sub basin.

Pertinent 7 1/2 - minute quads MEDFORD EAST

Well #1 WRD# T 37 S R 1 W S 32 QQ NW NE County JACKSON
Legal Description 1578' N. & 577 FT E OF C/4, SEC 32
Well is 50 ft from LARSON CR (river/stream)
Well is 1400 ft from BEAR CR (river/stream)
Well elevation 1411 ft. River/stream elevation 1406 ft.
Well elevation - river/stream elevation 5
Well depth 400 SWL 10.67 (RISING) on 4-16-93
Sealed to 22 Depth first water found 83
Cased to 39 Perforations/screens
Lined to Perforations/screens
Well tests and types AIR 6 HRS 100+
Confined or unconfined? PARTIALLY Direct hydraulic connection? YES
Potential to cause substantial interference? YES

Well #2 WRD# T 37 S R 1 W S 32 QQ NW NE County
Legal Description 1588 N & 820 E FROM C/4, SEC 32
Well is 50' ft from LARSON CR (river/stream)
Well is 1800' ft from BEAR CR (river/stream)
Well elevation 1414 ft. River/stream elevation 1410 ft.
Well elevation - river/stream elevation 4
Well depth 400' SWL 10.89 (RISING) on 4-16-93
Sealed to 25' Depth first water found 97'
Cased to 39 Perforations/screens
Lined to Perforations/screens
Well tests and types AIR 6 HRS 100+
Confined or unconfined? PARTIALLY Direct hydraulic connection? YES
Potential to cause substantial interference? YES

Conditioned water rights in area: NONE
Other nearby water rights of record: G-980 ~ 700 ft WEST
Density of nearby wells: LOW

Comments: WELLS ARE DEVELOPED 50' FROM LARSON CR AND HAVE SIMILAR HEADS. THE AREA IS A GROUND WATER DISCHARGE ZONE FOR LARSON CR / BEAR CR WHICH ARE CLOSED TO ANY FURTHER SURFACE WATER APPROPRIATION. THE WELLS HAVE THE POTENTIAL TO CAUSE BOTH SHORT-TERM AND LONG-TERM INTERFERENCE. IT IS ALSO QUESTIONABLE WHETHER THE FRACTURED S.S. AQUIFER (HORN BROOK FM) CAN SUPPORT SUCH USE. RECOMMEND DENYING APPLICATION
References used:

AND GIVING THE APPLICANT THE OPTION OF DEMONSTRATION OF GROUND WATER AVAILABILITY AND NO IMPACT ON BEAR CR / LARSON CR.

6-13/29
N N

TO: Water Rights Section

5/14/93, 1993

FROM: Groundwater/Hydrology Section D. Woodcock

Reviewer's Name

SUBJECT: Application G- 13129

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

2. BASED UPON OAR 690-09 currently in effect
a. will, or have the potential for su
b. will not source, namely BEAR
c. will, if properly conditioned, adequately
i. The permit should contain condi
ii. The permit should contain specia
iii. The permit should be conditione
d. will, with well reconstruction, adequately

3. BASED UPON available data, I have determin
a. will, or likely be available in the
b. will not within the capacity of the
c. can, if properly conditioned, avoid injury
i. The permit should contain condi
ii. The permit should contain special
iii. The permit should be conditioned:

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE ## 13129

ROUTED TO: T. SHOOK

TOWNSHIP/
RANGE-SECTION: 375/1W-32

APPLICATION ACCEPTED? yes no
CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: D. Woodcock

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

REMARKS: WELLS ARE IN HYDRAULIC CONNECTION W/ LARSON CR (ONLY 50' AWAY).
GROUND WATER PROBLEMS ELSEWHERE IN BEAR CR VALLEY (DEVELOPED IN FRACTURED SANDSTONE SIMILAR TO THIS APPLICATION) RAISE SERIOUS QUESTIONS WHETHER AQUIFER CAN SUPPORT 900 gpm.

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
- a. review of the well log;
 - b. field inspection by _____;
 - c. report of CWRE _____;
 - d. other: (specify) _____
6. THE WELL construction deficiency:
- a. constitutes a health threat under Division 200 rules;
 - b. commingles water from more than one groundwater reservoir;
 - c. permits the loss of artesian head;
 - d. permits the de-watering of one or more groundwater reservoirs;
 - e. other: (specify) _____
7. THE WELL construction deficiency is described as follows: _____
8. THE WELL
- a. was, or constructed according to the standards in effect at the time of
 - b. was not original construction or most recent modification.
 - c. I don't know if it met standards at the time of construction.

RECOMMENDATION:

- A. I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."
- B. I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.
- C. REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit.

_____, 1993.
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons: _____

_____, 1993.
(Signature)



WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS & PLANNERS

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APR 13 1993

WATER RESOURCES DEPT.
SALEM, OREGON

TO: MR Doug Woodcock
Oregon Water Resources
Stem on

DATE: 4/9/93

JOB NO./PROJECT:

ROBEY JANEY MANON

ENCLOSED ARE:

COPIES DESCRIPTION

1 Water well reports wells #1 & #2

THESE ARE TRANSMITTED:

- For Approval
- As Requested
- For Your Use
- Other

REMARKS:

The manon has advised our office the static water level in the wells is as the ground elevation.

COPIES TO:

WESTECH ENGINEERING, INC.

BY: STEVE WAMP

APR 13 1993

STATE OF OREGON WATER WELL REPORT (as required by ORS 837.665)

INSTRUCTIONS FOR WELL LOG Gribble Well Drilling

WATER RESOURCES DEPT. SALEM, OREGON (START CARD) # 41397

(1) OWNER: Well Number 1-3400 Name Rogue Valley Manor Address 1200 Mira Mar Ave. City Medford State Ore Zip 97504

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

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 400 ft. Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Amount sacks or pounds. Includes rows for 14" and 8" diameters.

How was seal placed: Method [] A [] B [] C [] D [] E [X] Other Poured Dry Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes rows for Casing and Liner.

Final location of shoe(s) 39'

(7) PERFORATIONS/SCREENS: [] Perforations Method NA [] Screens Type Material

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner.

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

Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Includes rows for Pump, Bailor, Air, and Flowing Artesian tests.

Temperature of Water 54 Depth Artesian Flow Found Was a water analysis done? [] Yes By whom Did any strata contain water not suitable for intended use? [] Too little

(9) LOCATION OF WELL by legal description: County Jackson Latitude Longitude Township 37S N or S. Range 1W E or W. WM. Section 32A NE 1/4 NW 1/4 Tax Lot 3400 Lot Block Subdivision Street Address of Well (or nearest address) Same

(10) STATIC WATER LEVEL: 38' below land surface. Date 7/29/92 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 83'

Table with columns: From, To, Estimated Flow Rate, SWL. Includes rows for 83, 280, and 363 depths.

(12) WELL LOG: Ground elevation

Table with columns: Material, From, To, SWL. Includes rows for Soil Brown and Conglomerate Gray.

Date started 7/27/92 Completed 7/29/92

(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Material used and information reported above are true to my best knowledge and belief. WWC Number Signed Date

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

APR 13 1993

FOR WATER RESOURCES DEPARTMENT USE ONLY

Date Postmarked _____
 Date Hand Delivered _____
 Watermeter Initials _____

WRD Fee Received _____

RECEIVED

CHECK NO. _____

APR 13 1993

WATER RESOURCES DEPT. SALEM, OREGON

START CARD
NOTICE OF BEGINNING OF WELL CONSTRUCTION
 (as required by ORS 537.762)

This form must be completed, signed by both the owner (or authorized agent) and constructor, and the original mailed or delivered to the Water Resources Department, 3850 Portland Road NE, Salem, OR 97310, no later than the day construction, alteration, conversion or abandonment work begins. A **\$75 fee shall accompany all notices for new well construction or conversion of an existing hole not previously used as a water well** (make checks payable to the Water Resources Department). Notices meeting this requirement but received without the required fee will not be accepted as properly and timely filed. The Water Resources Commission has authority to impose civil penalties for failure to submit the required \$75-fee with the start card and for failure to submit cards prior to beginning any construction, alteration, conversion or abandonment work.

776-5214

Owner's name and mailing address Rogue Valley Manor
1200 Mira Mar Ave
Medford Ore 97504

Check type of work: Fee Required New construction Conversion
 No Fee Required Repair Deepening Recondition Abandonment

Proposed Commencement Date 7-20-92 Existing or Proposed Well Depth 250' Diameter 6"

Check Use: Domestic Community Industrial Irrigation Monitoring
 Thermal Injection Other _____

Proposed Well Location: County Jackson Owner's Well Id. No. 1-3400

Township 37S (N or S) Range 1W (E or W) Section 32A

1. NE 1/4 of NW 1/4 of above section

2. Street address of well location same

3. Tax lot number of well location 3400

4. Attach map with location identified. (See reverse of this form for approved maps)

5. Show well location within 1/4, 1/4 of section grid at left.



We hereby certify that we have read the back of this form, and that to the best of our knowledge the information provided herein is accurate and the well is being properly located from septic tanks, septic drain fields and other hazards. (See #2 on back)

 Owner's signature

 Title Date

 Home phone Work phone

[Signature]
 Bonded Water Well Constructor
 License No. 705
 Company Gribble Well Drilling

NOTE: This is not a water right application. The owner is responsible for obtaining a water right through the Water Resources Department, if required.

APR 13 1993

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 837.765)

INSTRUCTIONS FOR WELL LOG
Gribble Well Drilling

WATER RESOURCES DEPT.
(START CARD) # 41611
SALEM, OREGON

(1) OWNER: Well Number 2-3400
Name Rogue Valley Manor
Address 1200 Mira Mar Ave.
City Medford State Ore. Zip 97504

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

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks or pounds	
14"	0 25	Bentonite	0 25	900 lbs	
8"	25 400				

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:

Casing/Liner	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
Casing	8"	+1	39	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 39'

(7) PERFORATIONS/SCREENS:
 Perforations Method NA
 Screens Type _____ Material _____

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

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

Yield gal/min	Drawdown	Drill stem at	Time
100+		400'	1 hr.
100+		400'	6 hr.

Temperature of Water 53 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little

(9) LOCATION OF WELL by legal description:
County Jackson Latitude _____ Longitude _____
Township 22R37N or S. Range 1W E or W. WM. _____
Section 32A NE NW _____
Tax Lot 3400 Lot _____ Block _____ Subdivision _____
Street (Address of Well) (or nearest address) Same

(10) STATIC WATER LEVEL: _____ ft. below land surface, Date 8/3/92
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found: 97'

From	To	Estimated Flow Rate	SWL
97	100	10	37
136	140	20	37
253	259	40	37
347	355	30+	37

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Soil Brown	0	7	
Gravel + Clay	7	12	
Conglomerate Gray	12	400	37

Well # 2

Date started 7/31/92 Completed 8/3/92

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Material used and information reported above are true to my best knowledge and belief.
WWC Number _____
Signed _____ Date _____

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

FOR WATER RESOURCES DEPARTMENT USE ONLY

Date Postmarked _____
Date Hand-delivered _____
Watermaster Initials _____

W-41411
WRD Receipt
Date Fee Received _____

CHECK NO. _____

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APR 13 1993

WATER RESOURCES DEPT.
SALEM, OREGON

START CARD
NOTICE OF BEGINNING OF WELL CONSTRUCTION
(as required by ORS 537.762)

This form must be completed, signed by both the owner (or authorized agent) and constructor, and the original mailed or delivered to the Water Resources Department, 3850 Portland Road NE, Salem, OR 97310, no later than the day construction, alteration, conversion or abandonment work begins. A \$75 fee shall accompany all notices for new well construction or conversion of an existing hole not previously used as a water well (make checks payable to the Water Resources Department). Notices meeting this requirement but received without the required fee will not be accepted as properly and timely filed. The Water Resources Commission has authority to impose civil penalties for failure to submit the required \$75 fee with the start card and for failure to submit cards prior to beginning any construction, alteration, conversion or abandonment work. 776-5214

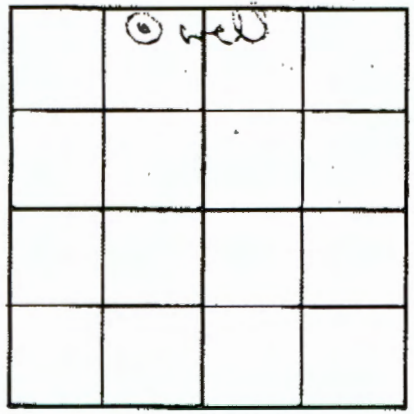
Owner's name and mailing address Rogue Valley Manor
1200 Mike Mar Ave
Medford, OR 97504

Check type of work: Fee Required New construction Conversion
No Fee Required Repair Deepening Recondition Abandonment

Proposed Commencement Date 7-28-92 Existing or Proposed Well Depth 300 Diameter 6"

Check Use: Domestic Community Industrial Irrigation Monitoring
 Thermal Injection Other

Proposed Well Location: County Jackson Owner's Well Id. No. 3-3400
Township 37S (N or S) Range 1W (E or W) Section 32A



1. NE 1/4 of NW 1/4 of above section
2. Street address of well location Same
3. Tax lot number of well location 3400
4. Attach map with location identified. (See reverse of this form for approved maps)
5. Show well location within 1/4, 1/4 of section grid at left.

We hereby certify that we have read the back of this form, and that to the best of our knowledge the information provided herein is accurate and the well is being properly located from septic tanks, septic drain fields and other hazards. (See #2 on back)

Owner's signature _____
Title _____ Date _____
Home phone _____ Work phone _____

[Signature]
Bonded Water Well Constructor
License No. 705
Company Gribble Well Drilling

NOTE: This is not a water right application. The owner is responsible for obtaining a water right through the Water Resources Department, if required.

2003

Oregon Water Resources Department
 October 2003 through September 2004
 Annual Water Use - Monthly Quantities Form

USER-ID 28489

2004



Facility POD-ID	Well 1	Well 2	Well 3	Well 4	Well 5
October - 2003	∅	∅	∅	∅	∅
November - 2003	∅	∅	∅	∅	∅
December - 2003	∅	∅	∅	∅	∅
January - 2004	∅	∅	∅	∅	∅
February - 2004	128,100	162,400	300,100	∅	∅
March - 2004	62,200	312,900	627,600	207,500	∅
April - 2004	137,500	155,500	667,800	∅	∅
May - 2004	∅	∅	∅	∅	∅
June - 2004	∅	∅	∅	∅	∅
July - 2004	345,400	338,400	1,574,200	176,800	∅
August - 2004	∅	∅	∅	∅	∅
September - 2004	∅	∅	∅	∅	∅
TOTAL *	673,200	968,800	3,169,700	384,300	∅

* Describe the units of measure as G (gallons), KG (thousand gallons), MG (million gallons), CF (cubic feet), MCF (million cubic feet), or AF (acre-feet)

Describe method of measuring the water used: Flowmeter. If use is irrigation, total number acres irrigated 132.2 Primary 42.6 Supplemental

I certify this information is true and accurate to the best of my knowledge.

[Signature]
 Signature
Kelley Karrigan
 Name - Please Print

Golf Superintendent
 Title

Reporting Entity

11-19-04
 Date



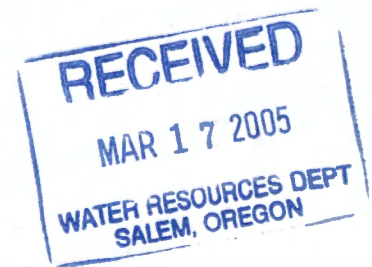
OREGON WATER RESOURCES DEPARTMENT SUMMARY OF WATER RIGHTS FOR WATER USE REPORT

Dear Water User: Water year 2004 has ended! All water use reports for October 2003 to September 2004 are requested to be submitted. During the past year we transferred our data to a new computer system, and have developed a website from which you may submit your data, if you so choose. In some cases the references numbers for points of diversion may have been changed. If this creates a problem for you, please contact me. If you would like to use the new site go to the web address listed below. You will not need to mail in this completed form. This information is important for water management in Oregon. Please, complete the form on the reverse side for the water rights listed below by December 31, 2004. If you have questions, or need more time please, contact me at 503-986-0833. Thank you for your attention to this matter. Mary Grainey



PAUL WINTERBOTTOM GROUND SUPERINTENDEN <http://www.wrd.state.or.us>
ROGUE VALLEY MANOR User-ID 28489
1200 MIRA MAR AVE Password: 28489
MEDFORD OR 97504

POD-ID	FACILITY	CERT	PERMIT	APPL	PRIORITY	USE	L/S	TWP	RANGE	SEC	Q/Q	RATE	SOURCE	TRIBUTARY TO
47141	LEFT OF #1 FAIRWAY	0	G	13414 T	8336	9/22/1992	IC	L	37 S	1 W	32 NWNE	0.402 C	C WELL 1	BEAR CR
47142	RIGHT OF #1 FAIRWA	0	G	13414 T	8336	9/22/1992	IC	L	37 S	1 W	32 NWNE	0.402 C	C WELL 2	BEAR CR
47143	BETWEEN HOBART &	0	G	13414 T	8336	9/22/1992	IC	L	37 S	1 W	32 NWNE	0.402 C	C WELL 3	BEAR CR
47144	AT PUTTING GREEN	0	G	13414 T	8336	9/22/1992	IC	L	37 S	1 W	32 SWNE	0.402 C	C WELL 4	BEAR CR
47145	BETWEEN #5 & #9	0	G	13414 T	8336	9/22/1992	IC	L	37 S	1 W	32 SWNE	0.402 C	C WELL 5	BEAR CR



2002

Oregon Water Resources Department
 October 2002 through September 2003
 Annual Water Use - Monthly Quantities Form

USER-ID 28489

2003



Facility POD-ID	Well # 1 47141	Well # 2 47142	Well # 3 47143	Well # 4 47144	Well # 5 47145
October - 2002	170,800	309,500	504,500	316,100	Ø
November - 2002	726,100	212,200	978,500	776,667	476,000
December - 2002	Ø	Ø	Ø	Ø	Ø
January - 2003	Ø	Ø	Ø	Ø	Ø
February - 2003	Ø	Ø	Ø	Ø	Ø
March - 2003	Ø	Ø	650,800	Ø	Ø
April - 2003	108,900	15,000	681,131	90,200	15,000
May - 2003	147,000	51,700	417,800	107,100	13,300
June - 2003	266,000	22,100	1,650,100	7,100	Ø
July - 2003	Ø	111,500	Ø	320,200	Ø
August - 2003	368,600	174,900	1,248,300	321,200	Ø
September - 2003	473,700	597,600	3,594,450	452,300	Ø
TOTAL *	3,260,600	1,489,500	9,725,581	2,070,667	504,300

* Describe the units of measure as G (gallons), KG (thousand gallons), MG (million gallons), CF (cubic feet), MCF (million cubic feet), or AF (acre-feet)

Describe method of measuring the water used: Flow meter. If use is irrigation, total number acres irrigated 132.2 Primary
42.6 Supplementary

I certify this information is true and accurate to the best of my knowledge.

Kelley Kavan
Signature

Assistant Superintendent
Title

1-15-04
Date

Kelley Kavan
Name - Please Print

Please complete and mail to: Water Resources Department; Water Use Reporting Program;
 725 Summer Street NE, Suite A; Salem, OR 97301-1271

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MAR 05 2004

WATER RESOURCES DEPT
 SALEM, OREGON



OREGON WATER RESOURCES DEPARTMENT SUMMARY OF WATER RIGHTS FOR WATER USE REPORT



Dear Water User: Water year 2003 has ended! All water use reports for October 2002 to September 2003 are requested to be submitted. We are a little late this year due to our efforts to develop a website from which you may submit your data, if you so choose. If you would like to test the new site go to the web address listed below. You will not need to mail in this completed form. This information is important for water management in Oregon. Please, complete the form on the reverse side for the water rights listed below by March 1, 2004. If you have questions, or need more time please, contact me at 503-986-0833. Thank you for your attention to this matter.
Mary Grainey

PAUL WINTERBOTTOM GROUND SUPERINTENDEN <http://stamp.wrd.state.or.us/apps/wr/wateruse/wateruse.php>
 ROGUE VALLEY MANOR User-ID 28489
 1200 MIRA MAR AVE Password: 28489
 MEDFORD OR 97504

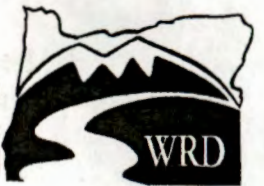
47141 LEFT OF #1 FAIRWAY	0 G 13414 G 13129	9/22/1992 IC L	37 S	1 W 32 NWNE	0.402 C C WELL 1	BEAR CR
47141 LEFT OF #1 FAIRWAY	0 G 13414 T 8336	9/22/1992 IC L	37 S	1 W 32 NWNE	0.402 C C WELL 1	BEAR CR
47142 RIGHT OF #1 FAIRWA	0 G 13414 T 8336	9/22/1992 IC L	37 S	1 W 32 NWNE	0.402 C C WELL 2	BEAR CR
47142 RIGHT OF #1 FAIRWA	0 G 13414 G 13129	9/22/1992 IC L	37 S	1 W 32 NWNE	0.402 C C WELL 2	BEAR CR
47143 BETWEEN HOBART &	0 G 13414 T 8336	9/22/1992 IC L	37 S	1 W 32 NWNE	0.402 C C WELL 3	BEAR CR
47143 BETWEEN HOBART &	0 G 13414 G 13129	9/22/1992 IC L	37 S	1 W 32 NWNE	0.402 C C WELL 3	BEAR CR
47144 AT PUTTING GREEN	0 G 13414 G 13129	9/22/1992 IC L	37 S	1 W 32 SWNE	0.402 C C WELL 4	BEAR CR
47144 AT PUTTING GREEN	0 G 13414 T 8336	9/22/1992 IC L	37 S	1 W 32 SWNE	0.402 C C WELL 4	BEAR CR
47145 BETWEEN #5 & #9	0 G 13414 G 13129	9/22/1992 IC L	37 S	1 W 32 SWNE	0.402 C C WELL 5	BEAR CR
47145 BETWEEN #5 & #9	0 G 13414 T 8336	9/22/1992 IC L	37 S	1 W 32 SWNE	0.402 C C WELL 5	BEAR CR

2001

Oregon Water Resources Department
 October 2001 through September 2002
 Annual Water Use - Monthly Quantities Form

USER-ID 28489

2002



Facility <input type="checkbox"/> POD-ID <input type="checkbox"/>	Well #1	Well #2	Well #3	Well #4	Well #5
	47441	47142	47143	47144	47145
October - 2001	0	0	0	0	
November - 2001	753,700	763,500	712,300	972,800	
December - 2001	0	0	0	0	
January - 2002	0	0	0	0	
February - 2002	99,600	9,900	406,900	8,600	
March - 2002	238,600	146,700	460,100	134,600	
April - 2002	0	0	0	0	
May - 2002	200	480,500	1,706,000	151,000	
June - 2002	0	0	0	0	
July - 2002	433,100	715,300	2,383,600	983,900	
August - 2002	689,000	141,100	2,087,900	539,100	
September - 2002	327,300	364,300	952,300	305,000	
TOTAL *	2,535,500	2,621,300	8,709,100	3,095,000	

NO PUMP INSTALLED
NOT IN USE YET

WATER RESOURCES DEPT
SALEM, OREGON

OCT 28 2002

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* Describe the units of measure as G (gallons), KG (thousand gallons), MG (million gallons), CF (cubic feet), MCF (million cubic feet), or AF (acre-feet)

Describe method of measuring the water used: Flow meter. If use is irrigation, total number acres irrigated 132.2 42.6 **Primary** **Supplemental**

I certify this information is true and accurate to the best of my knowledge.

Paul W. Winterbottom GOLF & Grounds Superintendent 10-23-2002
 Signature Title Reporting Entity Date

Paul W. Winterbottom
 Name - Please Print

Please complete and mail to: Water Resources Department; Water Use Reporting Program;
 158 12th Street NE; Salem, OR 97310-0210



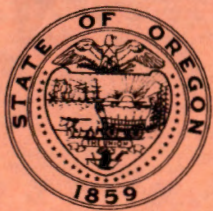
OREGON WATER RESOURCES DEPARTMENT SUMMARY OF WATER RIGHTS FOR WATER USE REPORT



Dear Water User: It is a new water year! All water use reports for October 2001 to September 2002 are requested to be submitted by January 1, 2003. This information is important for water management in Oregon. Please complete the form on the reverse side for the water rights listed below. If you have questions, or need more time please, contact me at 503-378-8455 ext. 333. Thank you for your attention to this matter. Mary Grainey

PAUL WINTERBOTTOM GROUND SUPERINTENDEN USER-ID 28489
 ROGUE VALLEY MANOR
 1200 MIRA MAR AVE
 MEDFORD OR 97504

POD-ID	FACILITY	CERT	PERMIT	APPL	PRIORITY	USE	L/S	TWP	RANGE	SEC	Q/Q	RATE	SOURCE	TRIBUTARY TO						
47141	LEFT OF #1 FAIRWAY	0	G	13414	G	13129	9/22/1992	IC	L	37	S	1	W	32	NWNE	0.402	C	C	WELL 1	BEAR CR
47142	RIGHT OF #1 FAIRWA	0	G	13414	G	13129	9/22/1992	IC	L	37	S	1	W	32	NWNE	0.402	C	C	WELL 2	BEAR CR
47143	BETWEEN HOBART &	0	G	13414	G	13129	9/22/1992	IC	L	37	S	1	W	32	NWNE	0.402	C	C	WELL 3	BEAR CR
47144	AT PUTTING GREEN	0	G	13414	G	13129	9/22/1992	IC	L	37	S	1	W	32	SWNE	0.402	C	C	WELL 4	BEAR CR
47145	BETWEEN #5 & #9	0	G	13414	G	13129	9/22/1992	IC	L	37	S	1	W	32	SWNE	0.402	C	C	WELL 5	BEAR CR



2000

Oregon Water Resources Department
October 2000 through September 2001
Annual Water Use - Monthly Quantities Form

OP: G 13129

USER-ID 28489

2001



Facility POD-ID	47141 #1 IC	47142 #2 IC	47143 #3 IC	47144 #4 IC	47145 #5 IC
October - 2000	Ø	Ø	Ø	Ø	NOT in USE
November - 2000	Ø	Ø	Ø	Ø	
December - 2000	Ø	Ø	Ø	Ø	
January - 2001	Ø	Ø	Ø	Ø	
February - 2001	Ø	Ø	Ø	Ø	
March - 2001	Ø	Ø	Ø	Ø	
April - 2001	800.00	3000.00	58,000.00	12,000.00	
May - 2001	3,800.00	4,900.00	120,000.00	38,000.00	
June - 2001	508,900.00	412,900.00	2,109,200.00	4,700.00	
July - 2001	Ø	621,300.00	135,200.00	Ø	
August - 2001	1,149,000.00	600,900.00	2,887,100.00	706,000.00	
September - 2001	117,200.00	118,300.00	451,600.00	65,894.00	
TOTAL *	1,780,600.00	1,761,300.00	5,760,500.00	826,600.00	Ø

RECEIVED
JAN 16 2002
WATER RESOURCES DEPT.
SALEM, OREGON

* Describe the units of measure as G (gallons), KG (thousand gallons), MG (million gallons), CF (cubic feet), MCF (million cubic feet), or AF (acre-feet)

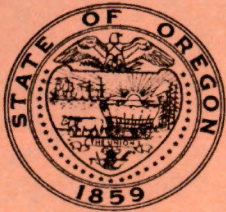
Describe method of measuring the water used: Water meters. If use is irrigation, total number acres irrigated 42.6 ^{132.2 ACRE Irrig} _{Supplement}

I certify this information is true and accurate to the best of my knowledge.

Paul W. Winterbottom GOLF COURSE Superintendent _____ 1-14-2002
 Signature Title Reporting Entity Date

RECEIVED
JAN 11 2002
BY

RECEIVED
JAN 11 2002
STATEM. OFFICER
WATER RESOURCES DEPT.

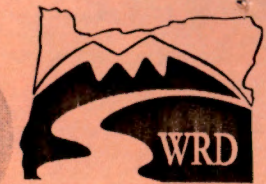


RECEIVED

DEC 05 2000
WATER RESOURCES DEPT.
SALEM, OREGON

App: G 13129
Oregon Water Resources Department
October 1999 through September 2000
Annual Water Use - Monthly Quantities Form

USER-ID 28489



47141 IC

47142 IC

WELL #3

47144 IC

47145 IC

Facility <input type="checkbox"/> POD-ID <input type="checkbox"/>	WELL #1 LEFT OF #1 FAIRWAY	WELL #2 RIGHT OF #1 FAIRWAY	WELL #3 BETWEEN HOBART & HALSEY <i>WELL #3 Hobart & Halsey</i>	WELL #4 AT PUTTING GREEN	WELL #5 BETWEEN #5 & #9
October - 1999	not operational	not operational	Not operational	Not operational	Not operational
November - 1999	↓	↓	↓	↓	↓
December - 1999					
January - 2000					
February - 2000					
March - 2000					
April - 2000	installed water meters in	installed water meters			
May - 2000	may	in may			
June - 2000	471300 G	372100 G			
July - 2000	0 G	0 G			
August - 2000	0 G	0 G			
September - 2000	0 G	0 G			
TOTAL *	471300 G	372100 G	↓	↓	↓

* Describe the units of measure as G (gallons), KG (thousand gallons), MG (million gallons), CF (cubic feet), MCF (million cubic feet), or AF (acre-feet)

Describe method of measuring the water used: Water meter. If use is irrigation, total number acres irrigated 42.6 ACPES supplement

132-2 ACPFE Irrignt
Permit # G-13414

I certify this information is true and accurate to the best of my knowledge.

Paul W. Winterbottom GOLF Ground Superintendent 11-22-2000
 Signature Title Reporting Entity Date

Paul W. Winterbottom
Name - Please Print

Please complete and mail to: Water Resources Department; Water Use Reporting Program;
158 12th Street NE; Salem, OR 97310-0210



OREGON WATER RESOURCES DEPARTMENT SUMMARY OF WATER RIGHTS FOR WATER USE REPORT



Reporting
Entity

ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD

, OR 97504 PHONE:

USER_ID: 28489

POD_ID	FACILITY	CERT	PERMIT	APPLN	L/S	PRIORITY	TWP	T	RGE	R	SEC	Q/Q	USE	RATE	U	P/A/S	SOURCE	TRIBUTARYTO
47141		0	G 13414	G 13129	L	09/22/1992	37.00	S	1.00		32	NWNE	IC	0.402	C	C	WELL 1	BEAR CR
47142		0	G 13414	G 13129	L	09/22/1992	37.00	S	1.00		32	NWNE	IC	0.402	C	C	WELL 2	BEAR CR
47143		0	G 13414	G 13129	L	09/22/1992	37.00	S	1.00		32	NWNE	IC	0.402	C	C	WELL 3	BEAR CR
47144		0	G 13414	G 13129	L	09/22/1992	37.00	S	1.00		32	SWNE	IC	0.402	C	C	WELL 4	BEAR CR
47145		0	G 13414	G 13129	L	09/22/1992	37.00	S	1.00		32	SWNE	IC	0.402	C	C	WELL 5	BEAR CR

**Oregon Water Resources Department
PERMIT CONDITION WATER-LEVEL REPORTING FORM**

RE: Required Water Level Report for a Well on Permit **G 13414** Certificate **0** Pod **1** Application **G 13129**
 Listed on water right as: **WELL 1** Well log ID (if any, in our records): **JACK 31839** Priority date: **9/22/1992**
 Location: In the NW quarter of the NE quarter of Section 32, Township 37S, Range 1W
 1578 FEET NORTH & 577 FEET EAST FROM C1/4 CORNER, SECTION 32

**ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD OR 97504**

RECEIVED
APR 07 2003
 WATER RESOURCES DEPT.
 SALEM, OREGON

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

MEASUREMENT REPORT
 (Complete one form for each well)

Well Identification (provide as much of the following information as possible):

Original owner of well (owner name on well log): Rogue Valley Manor
 Owner's well name or number (if any): RVM-1
 Well ID (number on tag attached to casing, if present): 41397
 Well log startcard number (if listed on well log): _____
 Well depth: _____ Casing diameter: _____
 Date drilled: _____ Driller: _____

When did water use begin under this permit from this well? Date: Month/Yr. _____

Show all water rights listing this well:

Application number(s): G-13129
 Permit number(s): G-13414
 Certificate number(s): _____

Date of measurement: March 28, 2003

Description of measuring point (e.g. 1 1/4" port pipe on north side): Access port on wellhead

Static water level below (circle one) measuring point: 2.80 feet, or airline pressure _____ psi
 Measuring point distance above (circle one) land surface: 2.35 feet, or airline length _____ feet
 Static water level above / below (circle one) land surface: _____ feet
 Shut-in pressure (if flowing artesian well): _____ psi

Method of measurement: E-tape Airline _____ Other(specify): _____
 Water-level status when measured: Static Pumping _____ Recovering _____ Flowing _____
 Length of time well was idle before measurement: 72 hrs
 Calculation / comments (show all work; use back or extra sheet if necessary): _____

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

Person making measurement (print): Steve Strickler
 Signature of measurer: [Signature]
 Company: Environmental Mgmt. Services Inc.
 License number (CWRE, RG, PE, WWC, Pump Installer): OR RG 61493
 Daytime phone number: 541-770-6977 Email address: sstrickler@time4ems.com

If you have any questions about this notice, please call the Ground Water/Hydrology Section of the Department at 503- 378-8455 ext. 289, or toll free (within Oregon only) at 1-800-624-3199. Return this Form to 158 12th St. NE, Salem, OR 97310-4172.

**Oregon Water Resources Department
PERMIT CONDITION WATER-LEVEL REPORTING FORM**

RE: Required Water Level Report for a Well on Permit **G 13414** Certificate **0** Pod **2** Application **G 13129**
 Listed on water right as: **WELL 2** Well log ID (if any, in our records): **JACK 31838** Priority date: **9/22/1992**
 Location: **In the NW quarter of the NE quarter of Section 32, Township 37S, Range 1W**
1588 FEET NORTH & 820 FEET EAST FROM C1/4 CORNER, SECTION 32

**ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD OR 97504**

RECEIVED
APR 07 2003
 WATER RESOURCES DEPT.
 SALEM, OREGON

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

MEASUREMENT REPORT
 (Complete one form for each well)

Well Identification (provide as much of the following information as possible):

Original owner of well (owner name on well log): Rogue Valley Manor
 Owner's well name or number (if any): RVM-2
 Well ID (number on tag attached to casing, if present): 41411
 Well log startcard number (if listed on well log): _____
 Well depth: _____ Casing diameter: _____
 Date drilled: _____ Driller: _____

When did water use begin under this permit from this well? Date: Month/Yr. _____

Show all water rights listing this well:
 Application number(s): G-13129
 Permit number(s): G-13414
 Certificate number(s): _____

Date of measurement: March 28, 2003

Description of measuring point (e.g. 1 1/4" port pipe on north side): _____

Static water level ~~above~~ below (circle one) measuring point: 3.75 feet or airline pressure _____ psi
 Measuring point distance ~~above~~ below (circle one) land surface: 7.29 / 1.48 feet, or airline length _____ feet
 Static water level ~~above~~ below (circle one) land surface: _____ feet
 Shut-in pressure (if flowing artesian well): _____ psi

Method of measurement: E-tape Airline _____ Other(specify): _____
 Water-level status when measured: Static Pumping _____ Recovering _____ Flowing _____
 Length of time well was idle before measurement: 72 hrs.
 Calculation / comments (show all work; use back or extra sheet if necessary): _____

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

Person making measurement (print): Steve Strickler
 Signature of measurer: [Signature]
 Company: EMS
 License number (CWRE, RG, PE, WWC, Pump Installer): RG G-1493
 Daytime phone number: 541-770-6977 Email address: sstrickler@time4ems.com

If you have any questions about this notice, please call the Ground Water/Hydrology Section of the Department at 503- 378-8455 ext. 289, or toll free (within Oregon only) at 1-800-624-3199. **Return this Form to 158 12th St. NE, Salem, OR 97310-4172.**

**Oregon Water Resources Department
PERMIT CONDITION WATER-LEVEL REPORTING FORM**

RE: Required Water Level Report for a Well on Permit **G 13414** Certificate **0** Pod **3** Application **G 13129**
 Listed on water right as: **WELL 3** Well log ID (if any, in our records): **JACK** Priority date: **9/22/1992**
 Location: In the NW quarter of the SE quarter of Section 32, Township 37S, Range 1W
 200 FEET SOUTH & 790 FEET EAST FROM C1/4 CORNER, SECTION 32

**ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD OR 97504**

RECEIVED

APR 07 2003

**WATER RESOURCES DEPT.
SALEM, OREGON**

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

MEASUREMENT REPORT

(Complete one form for each well)

Well Identification (provide as much of the following information as possible):

Original owner of well (owner name on well log): Rogue Valley Manor
 Owner's well name or number (if any): RVM-3
 Well ID (number on tag attached to casing, if present): L36965
 Well log startcard number (if listed on well log): _____
 Well depth: _____ Casing diameter: _____
 Date drilled: _____ Driller: _____

When did water use begin under this permit from this well? Date: Month/Yr. _____

Show all water rights listing this well:

Application number(s): G-13129
 Permit number(s): G-13414
 Certificate number(s): _____

Date of measurement: March 28, 2003

Description of measuring point (e.g. 1 1/4" port pipe on north side): _____

Static water level below (circle one) measuring point: 31.83 feet, or airline pressure _____ psi
 Measuring point distance above / below (circle one) land surface: 3.4 feet, or airline length _____ feet
 Static water level above / below (circle one) land surface: _____ feet
 Shut-in pressure (if flowing artesian well): _____ psi

Method of measurement: E-tape Airline _____ Other(specify): _____
 Water-level status when measured: Static Pumping _____ Recovering _____ Flowing _____
 Length of time well was idle before measurement: 72 hrs
 Calculation / comments (show all work; use back or extra sheet if necessary): _____

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

Person making measurement (print): Steve Strickler
 Signature of measurer: [Signature]
 Company: EMS
 License number (CWRE (RG), PE, WWC, Pump Installer): RG G-1493
 Daytime phone number: 541-770-6977 Email address: sstrickler@time4ems.com

If you have any questions about this notice, please call the Ground Water/Hydrology Section of the Department at 503- 378-8455 ext. 289, or toll free (within Oregon only) at 1-800-624-3199. Return this Form to 158 12th St. NE, Salem, OR 97310-4172.

**Oregon Water Resources Department
PERMIT CONDITION WATER-LEVEL REPORTING FORM**

RE: Required Water Level Report for a Well on Permit **G 13414** Certificate **0** Pod **4** Application **G 13129**
 Listed on water right as: **WELL 4** Well log ID (if any, in our records): **JACK** Priority date: **9/22/1992**
 Location: In the SW quarter of the NE quarter of Section 32, Township 37S, Range 1W
 998 FEET NORTH & 627 FEET EAST FROM C1/4 CORNER, SECTION 32

**ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD OR 97504**

RECEIVED
APR 07 2003
WATER RESOURCES DEPT.
SALEM, OREGON

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

MEASUREMENT REPORT
(Complete one form for each well)

Well Identification (provide as much of the following information as possible):
 Original owner of well (owner name on well log): Rogue Valley Manor RVM-4
 Owner's well name or number (if any): _____
 Well ID (number on tag attached to casing, if present): L 36963
 Well log startcard number (if listed on well log): _____
 Well depth: _____ Casing diameter: _____
 Date drilled: _____ Driller: _____

When did water use begin under this permit from this well? Date: Month/Yr. _____

Show all water rights listing this well:
 Application number(s): G 13129
 Permit number(s): G 13414
 Certificate number(s): _____

Date of measurement: March 28, 2003
 Description of measuring point (e.g. 1 1/4" port pipe on north side): Access port on wellhead

Static water level below (circle one) measuring point: 22.10 (feet) or airline pressure _____ psi
 Measuring point distance above (circle one) land surface: 2.65 (feet) or airline length _____ feet
 Static water level above (circle one) land surface: _____ feet
 Shut-in pressure (if flowing artesian well): _____ psi

Method of measurement: E-tape Airline _____ Other(specify): _____
 Water-level status when measured: Static Pumping _____ Recovering _____ Flowing _____
 Length of time well was idle before measurement: 72 hrs.
 Calculation / comments (show all work; use back or extra sheet if necessary): _____

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

Person making measurement (print): Steve Strickler
 Signature of measurer: Steve B. Strickler
 Company: BMS
 License number (CWRE, RG, PE, WWC, Pump Installer): RG 6-1493
 Daytime phone number: 541-770-6977 Email address: sstrickler@time4ems.com

If you have any questions about this notice, please call the Ground Water/Hydrology Section of the Department at 503- 378-8455 ext. 289, or toll free (within Oregon only) at 1-800-624-3199. Return this Form to 158 12th St. NE, Salem, OR 97310-4172.

**Oregon Water Resources Department
PERMIT CONDITION WATER-LEVEL REPORTING FORM**

RE: Required Water Level Report for a Well on Permit **G 13414** Certificate **0** Pod **5** Application **G 13129**

Listed on water right as: **WELL 5** Well log ID (if any, in our records): **JACK** Priority date: **9/22/1992**
 Location: **In the SW quarter of the NE quarter of Section 32, Township 37S, Range 1W**
588 FEET NORTH & 434 FEET EAST FROM C1/4 CORNER, SECTION 32

**ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD OR 97504**

RECEIVED
APR 07 2003
 WATER RESOURCES DEPT.
 SALEM, OREGON

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MEASUREMENT REPORT
 (Complete one form for each well)

Well Identification (provide as much of the following information as possible):

Original owner of well (owner name on well log): Rogue Valley Manor
 Owner's well name or number (if any): RVM-5
 Well ID (number on tag attached to casing, if present): L 36964
 Well log startcard number (if listed on well log): _____
 Well depth: _____ Casing diameter: _____
 Date drilled: _____ Driller: _____

When did water use begin under this permit from this well? Date: Month/Yr. _____

Show all water rights listing this well:

Application number(s): G 13129
 Permit number(s): G 13414
 Certificate number(s): _____

Date of measurement: March 28, 2003

Description of measuring point (e.g. 1 1/4" port pipe on north side): _____

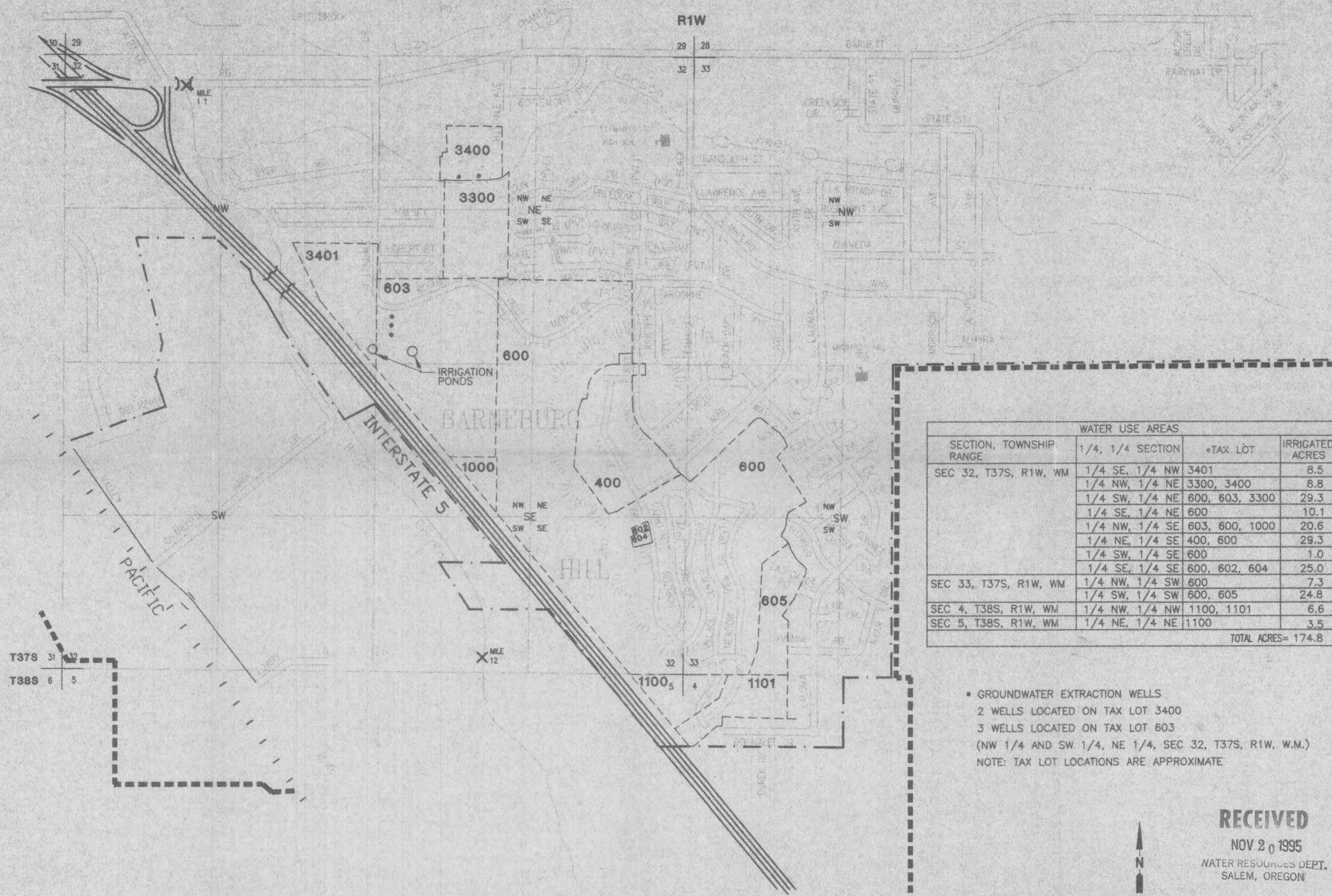
Static water level below (circle one) measuring point: 23.95 feet, or airline pressure _____ psi
 Measuring point distance above / below (circle one) land surface: 1.43 feet, or airline length _____ feet
 Static water level above / below (circle one) land surface: _____ feet
 Shut-in pressure (if flowing artesian well): _____ psi

Method of measurement: E-tape Airline _____ Other(specify): _____
 Water-level status when measured: Static Pumping _____ Recovering _____ Flowing _____
 Length of time well was idle before measurement: 72 hrs.
 Calculation / comments (show all work; use back or extra sheet if necessary): _____

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

Person making measurement (print): Steve Strickler
 Signature of measurer: Steve B. Strickler
 Company: EMS
 License number (CWRE, RG, PE, WWC, Pump Installer): 6-1493
 Daytime phone number: 770-6977 Email address: SSStrickler@Time4EMS.com

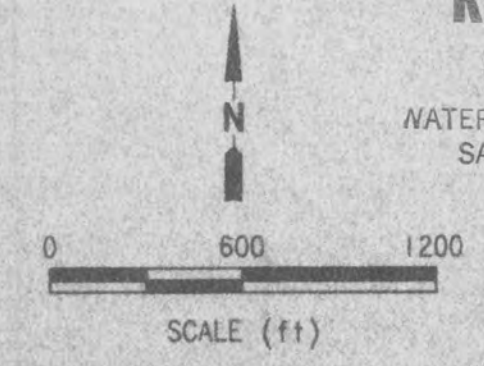
If you have any questions about this notice, please call the Ground Water/Hydrology Section of the Department at 503-378-8455 ext. 289, or toll free (within Oregon only) at 1-800-624-3199. **Return this Form to 158 12th St. NE, Salem, OR 97310-4172.**



SECTION, TOWNSHIP RANGE	WATER USE AREAS		
	1/4, 1/4 SECTION	*TAX LOT	IRRIGATED ACRES
SEC 32, T37S, R1W, WM	1/4 SE, 1/4 NW	3401	8.5
	1/4 NW, 1/4 NE	3300, 3400	8.8
	1/4 SW, 1/4 NE	600, 603, 3300	29.3
	1/4 SE, 1/4 NE	600	10.1
	1/4 NW, 1/4 SE	603, 600, 1000	20.6
	1/4 NE, 1/4 SE	400, 600	29.3
	1/4 SW, 1/4 SE	600	1.0
SEC 33, T37S, R1W, WM	1/4 SE, 1/4 SE	600, 602, 604	25.0
	1/4 NW, 1/4 SW	600	7.3
SEC 4, T38S, R1W, WM	1/4 SW, 1/4 SW	600, 605	24.8
	1/4 NW, 1/4 NW	1100, 1101	6.6
SEC 5, T38S, R1W, WM	1/4 NE, 1/4 NE	1100	3.5
TOTAL ACRES=			174.8

- GROUNDWATER EXTRACTION WELLS
- 2 WELLS LOCATED ON TAX LOT 3400
- 3 WELLS LOCATED ON TAX LOT 603
- (NW 1/4 AND SW 1/4, NE 1/4, SEC 32, T37S, R1W, W.M.)
- NOTE: TAX LOT LOCATIONS ARE APPROXIMATE

RECEIVED
 NOV 20 1995
 WATER RESOURCES DEPT.
 SALEM, OREGON



	DATE 11/95	ROGUE VALLEY MANOR GROUNDWATER EXTRACTION WELL WATER RIGHT APPLICATION MEDFORD, OREGON APPLICATION FILE # G-13129 GROUNDWATER DIVERSION AND USE LOCATIONS	FIGURE 1 PROJECT NO. 40857-001.002
	DWN DWM		
	APP _____		
	REV _____		

E194 C-980
 292
 589
 3036
 3040
 4159

STATE OF OREGON

COUNTY OF JACKSON

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD, OREGON 97504

(503) 773-7411

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

APPLICATION FILE NUMBER: G-13129

SOURCE OF WATER: FIVE WELLS IN BEAR CREEK BASIN within the Rogue basin

PURPOSE OR USE: IRRIGATION OF 132.2 ACRES AND SUPPLEMENTAL IRRIGATION OF 42.6 ACRES

MAXIMUM RATE: NOT TO EXCEED A MAXIMUM CUMULATIVE TOTAL OF 2.01 CUBIC FEET PER SECOND, BEING 1.65 CFS FOR IRRIGATION AND 0.53 CFS FOR SUPPLEMENTAL IRRIGATION, FURTHER LIMITED TO 0.402 CFS FROM EACH WELL

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31 FOR PRIMARY IRRIGATION AND APRIL 1 THROUGH OCTOBER 31 FOR SUPPLEMENTAL IRRIGATION

DATE OF PRIORITY: SEPTEMBER 22, 1992

POINT OF DIVERSION LOCATION: NW 1/4 NE 1/4, SW 1/4 NE 1/4, SECTION 32, T37S, R1W, W.M.; WELL 1 - 1578 FEET NORTH AND 577 FEET EAST; WELL 2 - 1588 FEET NORTH AND 820 FEET EAST; WELL 3 - 1636 FEET NORTH AND 1063 FEET EAST; WELL 4 - 998 FEET NORTH AND 627 FEET EAST; WELL 5 - 588 FEET NORTH & 434 FEET EAST ALL FROM C1/4 CORNER, SECTION 32

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2 1/2 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

	<u>PRIMARY</u>	<u>SUPPLEMENTAL</u>
NW 1/4 NE 1/4		8.8 ACRES
SW 1/4 NE 1/4	2.0 ACRES	27.3 ACRES
SE 1/4 NE 1/4	5.1 ACRES	5.0 ACRES
SE 1/4 NW 1/4	8.5 ACRES	
NE 1/4 SE 1/4	29.3 ACRES	
NW 1/4 SE 1/4	20.6 ACRES	
SW 1/4 SE 1/4	1.0 ACRE	
SE 1/4 SE 1/4	24.0 ACRES	1.0 ACRE
SECTION 32		

	<u>PRIMARY</u>	<u>SUPPLEMENTAL</u>
NW 1/4 SW 1/4	7.3 ACRES	
SW 1/4 SW 1/4	24.3 ACRES	0.5 ACRE
SECTION 33		
TOWNSHIP 37 SOUTH, RANGE 1 WEST, W.M.		
NW 1/4 NW 1/4	6.6 ACRES	
SECTION 4		
NE 1/4 NE 1/4	3.5 ACRES	
SECTION 5		
TOWNSHIP 38 SOUTH, RANGE 1 WEST, W.M.		

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

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

If the number, location, or construction of any well deviates from that proposed in the permit application or permit conditions, the conclusions of the Technical Review, Initial Review or Proposed Final Order under which this permit was granted may be revised, conditions may be appropriately revised, or this permit may not be valid.

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.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report **quarterly** static water level measurements for seven consecutive years. The static water level shall be measured in the months of January, April, July, and October. Reports shall be submitted to the Department within 30 days of measurement. The first April measurement will establish the reference level against which future April measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

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

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

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

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

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

STANDARD CONDITIONS

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

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

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

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

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

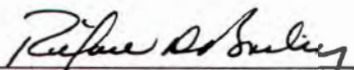
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

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

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

Actual construction of the well shall begin by June 8, 1999. Complete application of water to the use shall be made on or before October 1, 2002. Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued June 8, 1998



Martha O. Pagel, Director
Water Resources Department

Application G-13129
Basin 15
RWK

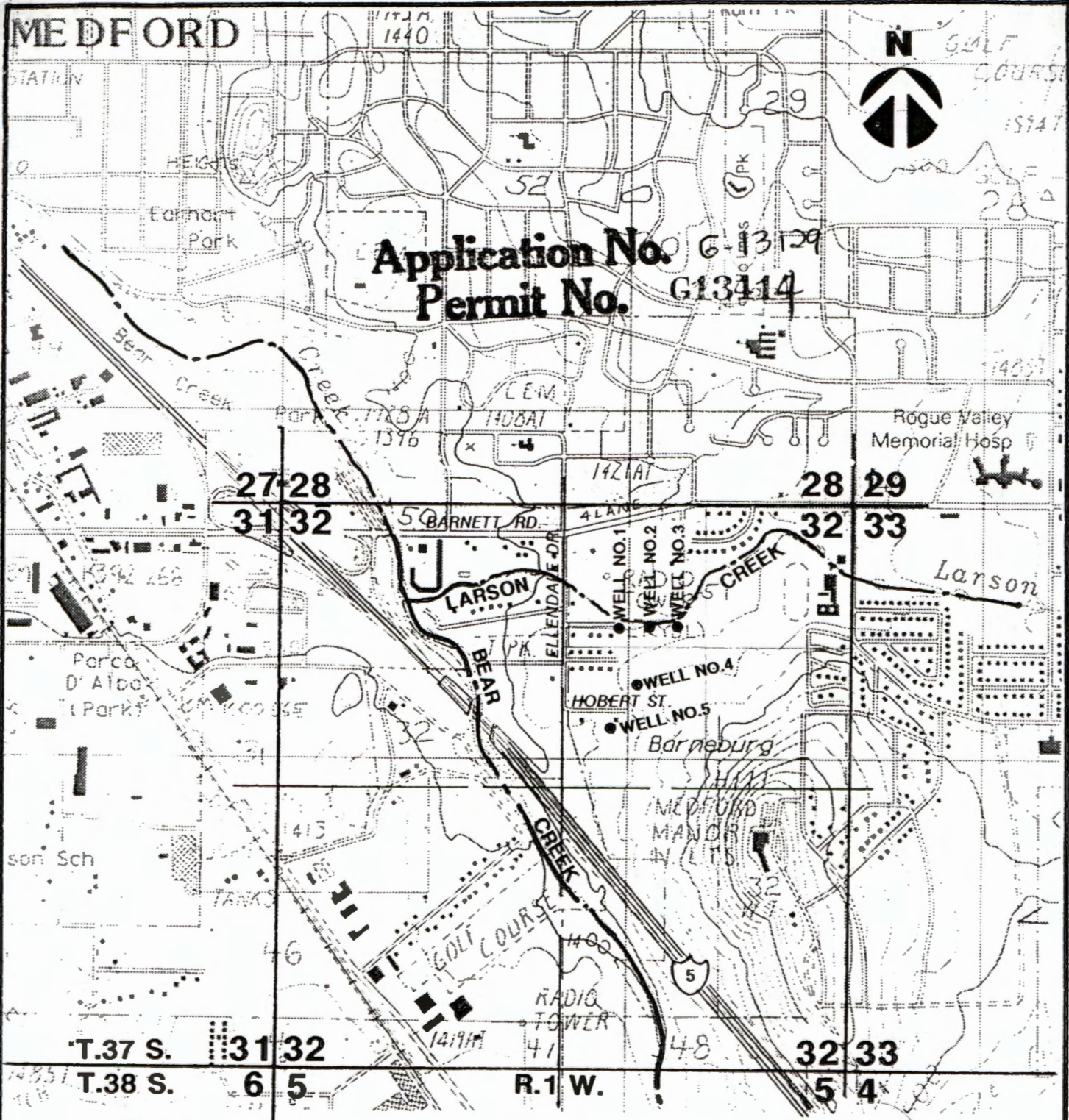
Water Resources Department
Volume 3 LARSON CR & MISC
MGMT.CODES 3BW 7BG 7BR 7CG 7CR 7FG 7FR 7JG 7JR

PERMIT G-13414
District 13

MEDFORD

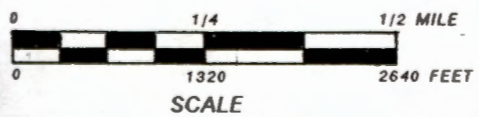


Application No. G-13129
Permit No. G13114



Well No.	*Distance (Ft)		Ground Elev.
	North	East	
1	1578	577	1411
2	1588	820	1414
3	1636	1063	1418
4	998	627	1443
5	588	434	1423

*From Center of 1/4 Section 32, T. 37 S., R. 1W., W. M.

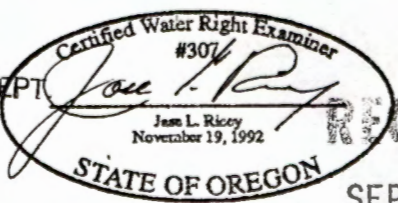


NOTE: MAP IS FOR THE INTENDED PURPOSE OF WELLS APPLICATION AND DOES NOT INTEND TO DIMENSION PROPERTY OR OWNERSHIP LINES.

WELLS APPLICATION RECEIVED ROGUE VALLEY MANOR

SEP - 8 1992

WATER RESOURCES DEPT SALEM, OREGON



RECEIVED

SEP 22 1992

WATER RESOURCES DEPT SALEM, OREGON

No pay fee

CLAIM OF BENEFICIAL USE AND SITE REPORT
Application # G-13129 & Permit # G-13414

RECEIVED

FEB 24 2003

WATER RESOURCES DEPT.
SALEM, OREGON

INFORMATION: Permittee, Rogue Valley Manor
1200 Mira Mar Avenue
Medford, OR 97504
(541) 857-7777

SOURCES: Five Wells in the Bear Creek Basin within the Rogue River Basin.

DIVERSION: In the NW1/4, NE1/4: Well #1: N46°00'45" E, 761'; Well #2: N55°43'36" East, 956'; In the NW1/4, SE1/4: Well #3: N84°21'03"E, 523'; In the SW1/4, NE1/4: Well #4: S55°33'58"E, 623'; Well #5: S26°44'37"E, 1271'; of Sec. 20, T.37 S., R.1 W., W.M. All measurements from the SE corner of DLC #50 to respective well.

SYSTEM: From the wells water is transmitted in underground pipes to ponds. From ponds water is transmitted in underground pipes to irrigate the Golf Course and Landscaped areas around numerous buildings on the Manor property. This water is used to supplement water acquired from Medford Irrigation District, and is the Primary source on land not covered by Medford Irrigation District water.

Well #1: 15HP submersible pump with 3" galv. Pipe out of well head. Upon exiting well head a 2" Sensus water meter is installed inline. From meter 4" pipe underground to ponds. Flow test taken: 113 GPM.

Well #2: 25HP submersible pump with 3" galv. Pipe out of well head. Upon exiting well head a 2" Sensus water meter is installed inline. From meter 4" pipe underground to ponds. Flow test taken: 205 GPM.

Well #3: 15HP submersible pump with 3" galv. Pipe out of well head. Upon exiting well head a 2" Sensus water meter is installed inline. From meter 4" pipe underground to ponds. Flow test taken: 30 GPM.

Well #4: 65HP submersible pump with 4" galv. Pipe out of well head. Upon exiting well head a 2" Sensus water meter is installed inline. From meter 4" pipe underground to ponds. Flow test taken: 450 GPM.

Well #5: 15HP submersible pump with 3" galv. Pipe out of well head. Upon exiting well head a 2" Sensus water meter is installed inline. From meter 4" pipe underground to ponds. Flow test taken: 105 GPM.

* * CLAIM OF BENEFICIAL USE FOR IRRIGATION UNDER G-13414: 2.01 CFS FOR IRRIGATION PURPOSES FOR THE WHOLE SYSTEM. THE AVERAGE USAGE PER WELL FOR THE SYSTEM IS 0.402 CFS.* *

SURVEY TIE: Field measurements from found D.L.C. corner monuments holding a bearing of NORTH between these monuments.

The final proof survey and inspection of the use as found to be completed under the terms and conditions of Application #G-13129 & Permit #G-13414 was completed by me on October 17, 2002, and the facts contained in this report and final proof map are correct to the best of my knowledge.

Certified Water Rights Examiner
066
James E. Hibbs
JAMES E. HIBBS
Nov. 19, 1987
STATE OF OREGON

RENEWAL DATE 6-30-03

I, *Paul W. Winterbottom*, of the Rogue Valley Manor, agree to the findings of the CWRE and do hereby submit this site report and map as our Claim of Beneficial Use of the water as provided under the terms and conditions of Application #G-13129 & Permit #G-13414.

For Rogue Valley Manor

RECEIVED

SEP 22 1992

RECEIVED

SEP - 8 1992

Application No. G-13129

State of Oregon

WATER RESOURCES DEPARTMENT

SALEM, OREGON

WATER RESOURCES DEPT.

SALEM, OREGON

Application for a Permit to Appropriate Ground Water

Applicant(s) ROGUE VALLEY MANOR

Mailing Address: 1200 MIRA MAR AVENUE
(Please print or type - use dark ink)

<u>MEDFORD</u>	<u>OR</u>	<u>97504</u>	<u>773-7411</u>
<small>City</small>	<small>State</small>	<small>Zip</small>	<small>Daytime Phone No.</small>

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

1. **THE DEVELOPMENT** (number of wells, tile lines, infiltration galleries, etc.): 2 OR 5 WELLS

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

Distance from development to stream: SEE ATTACHED TABLE

Elevation difference between streambed and development: SEE ATTACHED TABLE

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

Diameter of wells 8 INCH Depth in feet: 400 FEET

Type and size of well casing: 14 INCH No. of feet: 21-25 FEET

Estimated depth to water: 83-97 FEET

Type of access port or measuring device: N/A

Wells to be drilled by: GRIBBLE WELL DRILLING

Address: _____

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

NOTE: ENCLOSED WELL DRILLERS LOG FOR WELLS #1 AND #2. WELLS #3, #4 AND #5 TO BE DRILLED LATER THIS YEAR, ESTIMATED TO BE SIMILAR IN SIZE AND CHARACTERISTICS TO WELLS #1 AND #2.

2. **TOTAL AMOUNT OF WATER** to be applied to beneficial use: 2.01 cubic feet per second, OR 900 gallons per minute. If water is to be used from more than one ground water source, give the quantity of water from each: 5 WELLS AT APPROXIMATELY 180 GPM EACH.

3. **INTENDED USE(s) OF WATER:** IRRIGATE GOLF COURSE AND ADJACENT
LANDSCAPING AREAS

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

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

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

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

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

Irrigation 166 174.8
Other (describe) _____

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

SEE ATTACHED DESCRIPTION

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

Proposed date construction work will begin JUNE 1, 1992

Proposed date construction work will be completed NOV. 1, 1992

Proposed date water use will be completed OCT. 1, 1992

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

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

 Applicant XX CWRE Other (Identify in REMARKS section)

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

 Applicant XX CWRE Other (Identify in REMARKS section)

7. Are all lands involved (including the proposed diversion site, place of use, and access for conveying the water) under your ownership? YES. If not, list in the REMARKS section below, or on an attached sheet, the names and mailing addresses of the legal owners of all property involved in the proposed development.

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

REMARKS: _____

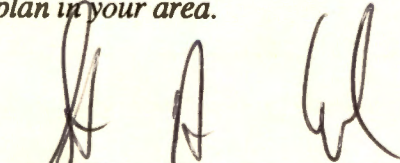
RECEIVED

SEP 22 1992

WATER RESOURCES DEP
SALEM, OREGON

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

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



Signature of Applicant

9/3/92

Date

Signature of Co-Applicant, if any

Date

FOR WATER RESOURCES DEPARTMENT USE ONLY

Dear Applicant:

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

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

_____, 19____.

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

Water Resources Director

By: _____

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the 27th day of September, 1992, at 8:00 o'clock, A M.

APPLICATION NO: G-13129

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-13129

Final Order

Application History

On September 22, 1992, ROGUE VALLEY MANOR submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on September 23, 1997. The protest period closed November 7, 1997, and no protest was filed.

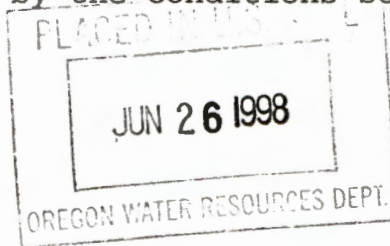
The proposed use would not impair or be detrimental to the public interest, but the Department's continuing evaluation reveals that the Proposed Final Order requires modification to correctly describe number and location of primary and supplemental acres and the amount of water allowed for the primary and supplemental acres.

Order

Application G-13129 therefore is approved with the above modifications to the Proposed Final Order, and Permit Number G-13414 is issued as limited by the conditions set forth therein.

DATED June 8 , 1998


Martha O. Pagel, Director



Hearing and Appeal Rights

Under the provisions of ORS 537.170 and ORS 537.622, the applicant may request a contested case hearing by submitting the information required for a protest under ORS 537.153(6) or ORS 537.621(7) to the Department within 14 days after the date of mailing of this order as shown below. If a contested case hearing is requested, the Department must schedule one. In the contested case hearing, however, only those issues based on the above modifications to the proposed final order may be addressed.

This document was prepared by Russell W. Klassen. If you have any questions about any of the statements contained in this document he is most likely the best person to answer your questions. You can reach him toll free within Oregon at 1-800-624-3199 extension 266. Outside of Oregon you can dial 1-503-378-8455.

If you have questions about how to file a protest or if you have previously filed a protest and want to know the status, please contact Adam Sussman. His extension number is 262.

If you have other questions about the Department or any of its programs please contact our Water Rights Information Group at extension 499.

(#3 on Application)

RVM-5

4-3400

STATE OF OREGON

JACK 53836

WATER WELL REPORT

GRIBBLE WELL DRILLING INC.

(START CARD) # 127803

(As required by ORS 537.765)

(1) OWNER: Well Number L-36964
Name Rogue Valley Manor
Address 1200 Mira Mar Ave
City Medford State Ore Zip 97504

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

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

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval [] Yes [X] No Depth of Completed Well 400 ft.
Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE Diameter (From, To), SEAL Material, Amount (From, To), sacks or pounds. Includes entries for Bent (0-45, 1950 lbs) and Cement (45-98, 22 sacks).

How was seal placed: Method [] A [] B [X] C [] D [] E
[X] Other Bentonite Poured Dry

Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

Table for Casing/Liner with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes entry for Casing 10" x 2 x 98 x 250.

Final location of shoe(s) 98'

(7) PERFORATIONS/SCREENS:

[] Perforations Method NA
[] Screens Type Material

Table for Perforations/Screens with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner.

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

[] Pump [] Bailer [X] Air [] Flowing Artesian

Table for Well Tests with columns: Yield gal/min, Drawdown, Drill stem at, Time. Includes entry for Yield 35, Drill stem at 500', Time 1 hr.

Temperature of Water 55 Depth Artesian Flow Found

Was a water analysis done? [] Yes [] No By whom
Did any person consume water not suitable for intended use? [] Too little

(9) LOCATION OF WELL by legal description:
County Jackson Latitude N42°18'54" Longitude W122°50'62"
Township 37S N or S. Range 1W E or W. WM.
Section 32A NE 1/4 NW 1/4
Tax Lot 3400 Lot Block Subdivision
Street Address of Well (or nearest address) Same as # 1

(10) STATIC WATER LEVEL:
62 ft. below land surface. Date 5/16/00
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 275'

Table for Water Bearing Zones with columns: From, To, Estimated Flow Rate, SWL. Includes entry for 275-278 with flow rate 35 and SWL 62.

(12) WELL LOG: Ground elevation

Table for Well Log with columns: Material, From, To, SWL. Includes entries for Soil Brown (0-2), Claystone Brown (2-19), and Conglomerate Gray (19-400, SWL 62).

RECEIVED

JUN 09 2000

WATER RESOURCES DEPT. SALEM, OREGON

Date started 5/9/00 Completed 5/16/00

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

Signed WWC Number 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.

6 13129

RVM-4

3-3400

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

JACK
53835
GRIBBLE WELL DRILLING INC.

(START CARD) # 127802

(1) OWNER: Well Number L-36963
Name Rogue Valley Manor
Address 1200 Mira Mar Ave
City Medford State Ore Zip 97504

(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			Material	SEAL		Amount sacks or pounds
Diameter	From	To		From	To	
15"	0	38	Bent	0	38	1650 lbs
10"	38	500				

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:

Casing/Liner	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Casing:	10"	+2	38'	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 38'

(7) PERFORATIONS/SCREENS:
 Perforations Method NA
 Screens Type _____ Material _____

From	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"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 65 Drawdown _____ Drill stem at 500' Time 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

(9) LOCATION OF WELL by legal description:
County Jackson Latitude N42°18'66.8" Longitude W122°50'62.4"
Township 37S N or S. Range 1W E or W. WM.
Section 32A NE $\frac{1}{4}$ NW $\frac{1}{4}$
Tax Lot 3400 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Same as #1

(10) STATIC WATER LEVEL:
52' ft. below land surface. Date 5/8/00
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 97'

From	To	Estimated Flow Rate	SWL
97	103	12	52
254	260	35	52
326	340	18	52

(12) WELL LOG:
Ground elevation _____

Material	From	To	SWL
Soil Brown	0	2	
Claystone Brown	2	7	
Claystone Gray	7	17	
Conglomerate Gray	17	500	52

RECEIVED

JUN 09 2000

WATER RESOURCES DEPT.
SALEM, OREGON

Date started 4/15/00 Completed 5/8/00
(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
WWC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report

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

JACK
53037

GRIBBLE WELL DRILLING INC.

Rvm-3

5-3400

(START CARD) # 127804

(1) OWNER: Well Number L-36965
Name Rogue Valley Mabor
Address 1200 Mira Mar Ave
City Medford State Ore Zip 97504

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

HOLE		SEAL		Amount		
Diameter	From	To	Material	From	To	sacks or pounds
15"	0	38	Bent	0	38	1700 lbs
10"	38	400				

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
Casing: 10"	+2	38	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 38'

(7) PERFORATIONS/SCREENS:
 Perforations Method NA
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<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
185		400	1 hr.

Temperature of Water 55 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any tests contain water not suitable for intended use? Too little

(9) LOCATION OF WELL by legal description:
County Jackson Latitude N 42° 18' 74 1 Longitude W 122° 50' 6
Township 37S N or S. Range 1W E or W. W.
Section 32A NE 1/4 NW 1/4
Tax Lot 3400 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
68 ft. below land surface. 5/23/00 Date
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 183'

From	To	Estimated Flow Rate	S
183	186	30	6
214	218	30	6
274	280	50v	6
306	315	75	6

(12) WELL LOG: Ground elevation _____

Material	From	To	S
Soil Brown	0	5	
Clay Brown	5	9	
Claystone Brown	9	23	
Conglomerate Gray	23	400	6

RECEIVED
JUN 09 2000

WATER RESOURCES DEPT.
SALEM, OREGON

Date started 5/20/00 Completed 5/23/00

(unbonded) Water Well Constructor Certification:

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

WWC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:

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

STATE OF OREGON

COUNTY OF JACKSON

ORDER APPROVING A CHANGE IN POINT OF APPROPRIATION

Pursuant to ORS 537.211, after notice was given and no objections were filed, and finding that no injury to existing water rights would result, this order approves, as conditioned or limited herein, PERMIT AMENDMENT T-8336 submitted by

ROGUE VALLEY MANOR
1200 MIRA MAR AVENUE
MEDFORD, OREGON 97504.

The permit to be modified is Permit G-13414 with a date of priority of SEPTEMBER 22, 1992. The permit allows the use of FIVE WELLS, in the BEAR CREEK BASIN, for IRRIGATION OF 132.2 ACRES AND SUPPLEMENTAL IRRIGATION OF 42.6 ACRES. The amount of water to which this permit is entitled is limited to an amount actually beneficially used and shall not exceed 2.01 cubic feet per second (cfs), being 1.65 cfs for primary irrigation and 0.53 cfs for supplemental irrigation, further limited to 0.402 cfs from each well, if available at the original wells; NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 32, T 37 S, R 1 W, W.M.; WELL 1 - 1578 FEET NORTH AND 577 FEET EAST, WELL 2 - 1588 FEET NORTH AND 820 FEET EAST, WELL 3 - 1636 FEET NORTH AND 1063 FEET EAST, WELL 4 - 998 FEET NORTH AND 627 FEET EAST, WELL 5 - 588 FEET NORTH AND 434 FEET EAST, ALL FROM THE C $\frac{1}{4}$ CORNER OF SECTION 32, or its equivalent in case of rotation, measured at the well.

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2).

Pursuant to ORS 536.075 and OAR 137-004-080 and OAR 690-01-005 you may either petition for judicial review or petition the Director for reconsideration of this order.

The amount of water used for irrigation, together with the amount secured under any other right existing on the same lands, is limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 2½ acre-feet per acre for each acre irrigated during the irrigation season of each year.

The use shall conform to any reasonable rotation system ordered by the proper state officer.

The authorized place of use is as follows:

	<u>PRIMARY</u>	<u>SUPPLEMENTAL</u>
NW¼ NE¼		8.8 ACRES
SW¼ NE¼	2.0 ACRES	27.3 ACRES
SE¼ NE¼	5.1 ACRES	5.0 ACRES
SE¼ NW¼	8.5 ACRES	
NE¼ SE¼	29.3 ACRES	
NW¼ SE¼	20.6 ACRES	
SW¼ SE¼	1.0 ACRE	
SE¼ SE¼	24.0 ACRES	1.0 ACRE
SECTION 32		
NW¼ SW¼	7.3 ACRES	
SW¼ SW¼	24.3 ACRES	0.5 ACRE
SECTION 33		
TOWNSHIP 37 SOUTH, RANGE 1 WEST, W.M.		
NW¼ NW¼	6.6 ACRES	
SECTION 4		
NE¼ NE¼	3.5 ACRES	
SECTION 5		
TOWNSHIP 38 SOUTH, RANGE 1 WEST, W.M.		

This use may be regulated if analysis of data available 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 this right or as those quantities may be reduced.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described.

The applicant proposes to change the point of appropriation of Well 3 to:

NW $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 32, T 37 S, R 1 W, W.M.; WELL 3 -
200 FEET SOUTH AND 790 FEET EAST FROM THE C $\frac{1}{4}$ CORNER OF
SECTION 32.

THIS CHANGE TO AN EXISTING WATER PERMIT MAY BE MADE PROVIDED THE FOLLOWING CONDITIONS ARE MET BY THE WATER USER:

1. The quantity of water diverted at the new point of appropriation (well), together with that diverted at the old point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.
2. The proposed well shall be cased and sealed a minimum of 100 feet below land surface at the proposed location.
3. Water shall be acquired from the same aquifer as the original point of appropriation.
4. All other terms and conditions of the permit remain the same.

Permit G-13414, in the name of ROGUE VALLEY MANOR is amended as described herein.

WITNESS the signature of the Water Resources

Director, affixed MAY 10 2000.


For Martha O. Pagel, Director

WORK COPY

63.2 SUPP .79
 111.6 PRI 1.39
 174.8 = 2.18

ALL SUPP
 SOME PRI

EXISTING THAT OVERLAPS THIS APP

* SEE APP 194 (MAPS IN 589)

SECTION, TOWNSHIP, RANGE	W
SEC 32, T37S, R1W, WM	1
SEC 33, T37S, R1W, WM	1
SEC 4, T38S, R1W, WM	1
SEC 5, T38S, R1W, WM	1

• GROUNDWATER EXTRACTION
 2 WELLS LOCATED
 3 WELLS LOCATED
 (NW 1/4 AND SW 1/4)
 NOTE: TAX LOT 10

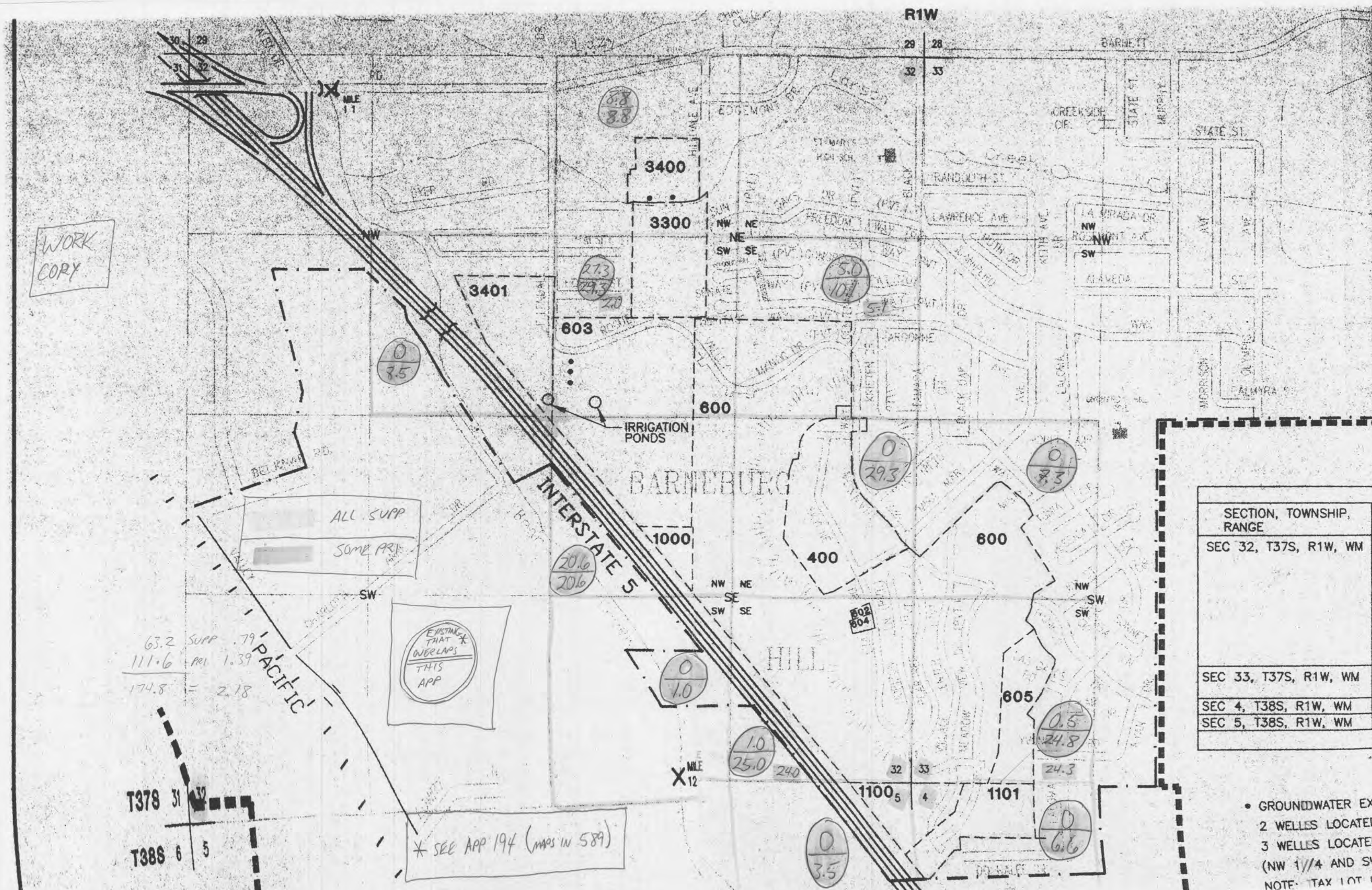


Table with columns: APP. NO. / PERMIT NO., CERT NO., GOV'T LOT DLC, and 16 columns for NE, NW, SW, SE directions. Includes handwritten annotations like 'MCR' and 'NR'.

Table with columns: APP. NO. / PERMIT NO., CERT NO., GOV'T LOT DLC, and 16 columns for NE, NW, SW, SE directions. Includes handwritten annotations like 'MCR' and 'NR'.

Table with columns: APP. NO. / PERMIT NO., CERT NO., GOV'T LOT DLC, and 16 columns for NE, NW, SW, SE directions.

Table with columns: APP. NO. / PERMIT NO., CERT NO., GOV'T LOT DLC, and 16 columns for NE, NW, SW, SE directions. Includes handwritten annotations like 'MCR' and 'NR'.

Table with columns: APP. NO. / PERMIT NO., CERT NO., GOV'T LOT DLC, and 16 columns for NE, NW, SW, SE directions.

Handwritten notes: 292, E 194, 589, 3036, 3040, 4139.

CF 5/8



RECEIVED

MAY 08 1998

**WATER RESOURCES DEPT.
SALEM, OREGON**

**ROGUE VALLEY
MANOR**

May 7, 1998

Mr. Russell Klassen
Senior Water Rights Specialist
Water Resources Department
Commerce Building
158 12th Street NE
Salem, OR 97310-0210

1200 Mira Mar Avenue
Medford, OR 97504
(541) 857-7777
Fax: (541) 857-7599
Toll-free: (800) 848-7868
E-mail: prs@retirement.org

RE: APPLICATION FILE G-13129

Dear Mr. Klassen:

Following is the breakdown of primary and supplementary acres by 1/4, 1/4 Section of the property included in our application for water use. We were unaware that you had requested this additional information until yesterday. The person who was working on this application is no longer with us. During a conversation with Dave Graham of Emcon yesterday, we were made aware that you still required the following information.

WATER USE AREAS					
SECTION, TOWNSHIP, RANGE	1/4, 1/4 SECTION	TAX LOT	IRRIGATED ACRES	PRIMARY	SECONDARY
SEC 32, T37S, R1W, WM	1/4 SE, 1/4 NW	3401	8.5	8.5	0
	1/4 NW, 1/4 NE	3300, 3400	8.8	0	8.8
	1/4 SW, 1/4 NE	600, 603, 3300	29.3	2.0	27.3
	1/4 SE, 1/4 NE	600	10.1	5.1	5.0
	1/4 NW, 1/4 SE	603, 600, 1000	20.6	20.6	0
	1/4 NE, 1/4 SE	400, 600	29.3	29.3	0
	1/4 SW, 1/4 SE	600	1.0	1.0	0
	1/4 SE, 1/4 SE	600, 602, 604	25.0	24.0	1.0
SEC 33, T37S, R1W, WM	1/4 NW, 1/4 SW	600	7.3	7.3	0
	1/4 SW, 1/4 SW	600, 605	24.8	24.3	.5

Affiliate of Pacific Retirement Services



SECTION, TOWNSHIP, RANGE	1/4,1/4 SECTION	TAX LOT	IRRIGATED ACRES	PRIMARY	SECONDARY
SEC 4, T38S, R1W, WM	1/4 NW, 1/4 NW	1100, 1101	6.6	6.6	0
SEC 5, T38S, R1W, WM	1/4 NE, 1/4 NE	1100	3.5	3.5	0
TOTAL			174.8	132.2	42.6

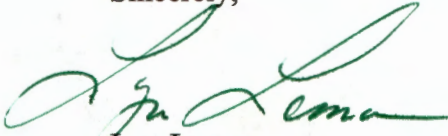
Thank you for your assistance. Please call me at 541/857-7211 if you require any additional information.

RECEIVED

MAY 08 1998

**WATER RESOURCES DEPT.
SALEM, OREGON**

Sincerely,



Lyn Lemon
Executive Assistant

cc: Dave Graham, Emcon

December 28, 1994

ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD, OR 97504

WATER
RESOURCES
DEPARTMENT

Reference: File G 13129

Dear Applicant:

This letter informs you of the current status of your application for a water right and accompanies the Unsatisfactory Report of Technical Review For Water Use Permit(s). We apologize for the delay in transmitting this information and Report to you and for any inconvenience the wait may have caused you.

The enclosed Report of Technical Review is the Department's summary of a specialized analysis of various legal and scientific aspects of the application and proposed water use. We are required by the state of Oregon's administrative rules (in OAR 690-11-160) to conduct this official technical review of each application submitted to the Oregon Water Resources Department for a water use permit. This process was designed to insure that your application receives a fair evaluation and to secure protection of existing water rights and of the public at large.

AS THE RESULT OF OUR TECHNICAL EVALUATION, WE HAVE DETERMINED THAT YOUR APPLICATION DOES NOT SATISFY THE REQUIREMENTS OF THE TECHNICAL REVIEW AND THEREFORE, THE DIRECTOR OF THE WATER RESOURCES DEPARTMENT PROPOSES THAT YOUR APPLICATION FOR A WATER USE PERMIT BE REJECTED.

If you disagree with any of the analyses contained in the Report, you may object to them. You must submit your objections to the Water Resources Department in writing within 60 days of the date of mailing of this Report or by the date specified below. Your objections must allege that the technical review is defective. You may also submit evidence that your proposed water use will not impair or be detrimental to the public interest.

Copies of the Report of Technical Review will be distributed to all persons who have filed comments or otherwise expressed an interest in the water use proposed in your application. Interested parties must also submit their objections within the prescribed objection period. Those objections must allege that the technical review is defective and/or that the proposed water use may impair or be detrimental to the public interest.

If an objection contains allegations that the technical review defective, it must be accompanied by facts which support such allegations. If an objection contains allegations



101 N.W. "A" Street, Rm 202
Grants Pass, OR 97256-2091
(503) 474-5385
FAX (503) 474-5389

that the proposed water use may impair or be detrimental to the public interest, the objection must specify the particular public interest standards which apply as set out in Oregon Revised Statutes (ORS 537.170(5)) and Oregon Administrative Rules (OAR 690-11-195) and state facts showing how such standards would be violated.

All evidence and objections must be received by our Salem office no later than 5:00 p.m. on or before March 8, 1995 or the Department may presume there is no opposition to the analyses set out in the technical review report. Evidence and objections must be addressed and delivered to: Oregon Water Resources Department, Water Rights Section, 158 12th Street Northeast, Salem, Oregon 97310.

If objections and evidence are submitted no later than the above time and date, the Director will evaluate each issue raised in the objections and will either accept or deny them. Objectors are encouraged to indicate whether they would be interested in resolving their concerns through alternative dispute resolution.

If your objections are accepted and the technical issues are resolved in satisfaction of the technical review requirements, the Department will move your application to the next phase of processing. This phase will include a full public interest assessment of your proposed water use. No final action may be taken on your application until the public interest review is completed.

If any of the objections are denied, the objector will be allowed thirty days to submit a protest to the denial. The protest must meet the standards set forth in OAR 690-02-030 through 080.

If you have any questions about any of the requirements described above or about any of the findings contained in the Report of Technical Review, please feel free to telephone me or any the Department's Water Rights Section staff. My telephone number is 378-3739, in Salem, or you may call toll free from within the state to 1-800-624-3199.

Sincerely,



Bruce R. Sund
Watermaster Dist. 14

Enclosures

Report Date: December 28, 1994

OREGON WATER RESOURCES DEPARTMENT
UNSATISFACTORY REPORT OF TECHNICAL REVIEW
FOR WATER USE PERMIT(S)

OBJECTIONS TO THE PROPOSED WATER USE AS DESCRIBED BELOW MUST BE RECEIVED IN WRITING BY THE OREGON WATER RESOURCES DEPARTMENT, 158 12th ST N.E., SALEM, OREGON 97310, BY 5 P.M. ON OR BEFORE: March 8, 1995

1. APPLICATION FILE NUMBER -G 13129
2. MINIMUM APPLICATION INFORMATION

Applicant name/address/county/phone:

ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD, OR 97504
COUNTY OF JACKSON

503-773-7411

Date application received for filing and/or tentative date
9/22/1992

SOURCE: FIVE WELLS IN BEAR CREEK BASIN

Purpose and/or use: IRRIGATION OF 50.0 ACRE GOLF COURSE
AND 111.0 ACRES OF RESIDENTIAL
LAWN.

Flow: 2.01 CUBIC FEET PER SECOND

Point of Diversion Location:

NW 1/4 NE 1/4, SECTION 32, T 37 S, R 1 W, W.M.;
1578 FEET NORTH & 577 FEET EAST FROM C1/4 CORNER, SECTION
32.

NW 1/4 NE 1/4, SECTION 32, T 37 S, R 1 W, W.M.;
1588 FEET NORTH & 820 FEET EAST FROM C1/4 CORNER, SECTION
32.

NW 1/4 NE 1/4, SECTION 32, T 37 S, R 1 W, W.M.;
1636 FEET NORTH & 1063 FEET EAST FROM C1/4 CORNER, SECTION
32.

SW 1/4 NE 1/4, SECTION 32, T 37 S, R 1 W, W.M.;
998 FEET NORTH & 627 FEET EAST FROM C1/4 CORNER, SECTION 32.

SW 1/4 NE 1/4, SECTION 32, T 37 S, R 1 W, W.M.;
588 FEET NORTH & 434 FEET EAST FROM C1/4 CORNER, SECTION 32.

Place of use:

NE 1/4 NE 1/4
NW 1/4 NE 1/4
SW 1/4 NE 1/4
SE 1/4 NE 1/4
NE 1/4 NW 1/4
NE 1/4 SE 1/4
NW 1/4 SE 1/4
SW 1/4 SE 1/4
SE 1/4 SE 1/4

SECTION 32

TOWNSHIP 37 SOUTH, RANGE 1 WEST, W.M.

GROUNDWATER AVAILABILITY

This is an application for use of groundwater. The Groundwater/Hydrology Section report indicates that:

Pursuant to OAR 690-09-040, the proposed groundwater withdrawal will have the potential to cause substantial interference with surface water.

In addition, the Groundwater/Hydrology Section has reported the water is not likely to be available to supply the proposed use.

CONFLICTS WITH OTHER WATER RIGHTS:

There are no existing rights from this point of diversion.

There are existing water rights appurtenant to the lands described in the application. See proposed permit conditions.

SURFACE WATER AVAILABILITY

Water is not likely available in excess of needs for all existing rights and scenic waterway needs 80% of the time during each monthly period proposed by the technical review.

Water availability tables are available in the application file and may be reviewed in the office of the Water Resources Department in Salem.

The Bear Creek Basin is closed to further surface water appropriation except water stored in excess of that needed to satisfy existing rights. See OAR 690-515-003(1)(a)

WATER AVAILABILITY

Surface water streamflows have been evaluated against all surface water rights including consumptive out-of-stream uses, non-consumptive out-of-stream rights and instream water rights. As a result of this evaluation the Department has determined that water is **not** available for additional appropriation. The water availability tables are on file and available for review at the Water Resources Department.

THEREFORE, THE DIRECTOR FINDS THAT WATER IS NOT AVAILABLE IN SUFFICIENT AMOUNT DURING THOSE PERIODS OF TIME WHICH WOULD REASONABLY SUPPORT THE PROPOSED USE.

Based on findings set out above, the Director will recommend rejection of the application.

The applicant can overcome a proposed rejection by demonstrating that an alternative source of water is available during the period water is not available from the proposed source.

In the alternative, the applicant may submit evidence that the proposed use is of high public interest.

In determining whether the public interest in the proposed use is high and whether the application should be granted an exception under OAR 690-410-070(2)(a), the Commission and/or Director will weigh the relative value of the proposed use in accordance with the public interest standards set out in ORS 537.170 (5) and OAR 690-11-195.

If the Commission and/or Director find that the proposed use should be granted such an exception, a finding will be prepared stating that water is available for the proposed use if the permit can be conditioned to protect instream uses.

THE APPLICANT MAY PRESENT EVIDENCE THAT THE FINDINGS AND/OR CONCLUSIONS SET OUT IN THE TECHNICAL REVIEW ARE DEFECTIVE OR OTHERWISE INCORRECT.



Rogue Valley Manor

1200 Mira Mar Avenue

Medford OR 97504

Phone (541) 857-7777

Fax (541) 857-7599

Date: May 7, 1998

Please deliver the following pages to:

Name: Russell Klassen,
Senior Water Rights Specialist

Firm: Water Resources Department

Fax: 503-378-8130

From: Lyn Lemon, Executive Assistant

Phone: (541)857-7211 # of Pages: 2

Message: Following is the information you requested from Eric Breitling, who is no longer with the Manor. I apologize for the delay in providing you with this information, but we were unaware until our recent conversation with Dave Graham, that you were still waiting for information from us. We appreciate your assistance. Let me know if you require any further information. Thank you.

May 7, 1998



**ROGUE VALLEY
MANORS**

Mr. Russell Klassen
Senior Water Rights Specialist
Water Resources Department
Commerce Building
158 12th Street NE
Salem, OR 97310-0210

1200 Mira Mar Avenue
Medford, OR 97504
(541) 857-7777
Fax: (541) 857-7599
Toll-free: (800) 848-7868
E-mail: prs@retirement.org

RE: APPLICATION FILE G-13129

Dear Mr. Klassen:

Following is the breakdown of primary and supplementary acres by 1/4, 1/4 Section of the property included in our application for water use. We were unaware that you had requested this additional information until yesterday. The person who was working on this application is no longer with us. During a conversation with Dave Graham of Emcon yesterday, we were made aware that you still required the following information.

WATER USE AREAS					
SECTION, TOWNSHIP, RANGE	1/4, 1/4 SECTION	TAX LOT	IRRIGATED ACRES	PRIMARY	SECONDARY
SEC 32, T37S, R1W, WM	1/4 SE, 1/4 NW	3401	8.5	8.5	0
	1/4 NW, 1/4 NE	3300, 3400	8.8	0	8.8
	1/4 SW, 1/4 NE	600, 603, 3300	29.3	2.0	27.3
	1/4 SE, 1/4 NE	600	10.1	5.1	5.0
	1/4 NW, 1/4 SE	603, 600, 1000	20.6	20.6	0
	1/4 NE, 1/4 SE	400, 600	29.3	29.3	0
	1/4 SW, 1/4 SE	600	1.0	1.0	0
	1/4 SE, 1/4 SE	600, 602, 604	25.0	24.0	1.0
SEC 33, T37S, R1W, WM	1/4 NW, 1/4 SW	600	7.3	7.3	0
	1/4 SW, 1/4 SW	600, 605	24.8	24.3	.5

Affiliate of Pacific Retirement Services



needs as well. AAHSA contact: Robert Greenwood, .9475; rgreenwo@aaahsa.org.

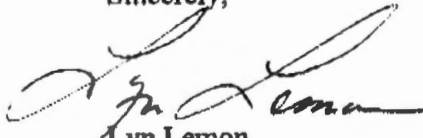
contact: Colleen Bloom, (202) 508-9483; cbloom@aaahsa.org.

M. J. J. S. G. R. D. N.

SECTION, TOWNSHIP, RANGE	1/4,1/4 SECTION	TAX LOT	IRRIGATED ACRES	PRIMARY	SECONDARY
SEC 4, T38S, R1W, WM	1/4 NW, 1/4 NW	1100, 1101	6.6	6.6	0
SEC 5, T38S, R1W, WM	1/4 NE, 1/4 NE	1100	3.5	3.5	0
TOTAL			174.8	132.2	42.6

Thank you for your assistance. Please call me at 541/857-7211 if you require any additional information.

Sincerely,



Lyn Lemon
Executive Assistant

cc: Dave Graham, Emcon

**Oregon Water Resources Department
Water Rights Division**

Water Rights Application
Number G-13129

Proposed Final Order

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

Additional Items Required: Prior to continuing the process the Department must receive a map depicting the location and number of acres per 1/4 1/4 section that are proposed to be primary and supplemental.

Application History

On September 22, 1992, ROGUE VALLEY MANOR submitted an application to the Department for the following water use permit:

- Amount of Water: 2.01 CUBIC FEET PER SECOND
- Use of Water: IRRIGATION OF 174.8 ACRES
- Source of Water: FIVE WELLS IN BEAR CREEK BASIN
- Area of Proposed Use: Jackson County within SECTION 32, TOWNSHIP 37 SOUTH, RANGE 1 WEST, W.M.

The Department mailed the applicant notice of its Technical Review December 28, 1994, determining that the wells are in hydraulic connection with surface water in the Bear Creek basin, water is not available year round in the Bear Creek basin, and the Bear Creek basin is closed to further appropriations. The 60 day objection period closed March 8, 1995.

Within the 60-day objection period, objections were received from the applicant.

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

- comments by or consultation with another state agency
- any applicable basin program
- any applicable comprehensive plan or zoning ordinance
- the amount of water available
- the rate and duty for the proposed use
- pending senior applications and existing water rights of record
- designations of any critical groundwater areas
- the Scenic Waterway requirements of ORS 390.835

- applicable statutes, administrative rules, and case law
- any general basin-wide standard for flow rate and duty of water allowed
- the need for a flow rate and duty higher than the general standard
- any comments received

Findings of Fact

Based on continued evaluation, the Department finds the determinations of the Technical Review require modifications. Originally the application was denied due to the potential for substantial interference with surface waters within the Bear Creek basin. On May 29, 1997, EMCON submitted the results of an aquifer study determining that the wells, as proposed, do not have the potential for substantial interference. The Department has evaluated the results of the study and now agrees that the wells, as proposed, do not have a potential for substantial interference with surface water. Therefore, the use of water for irrigation may be allowed.

The Rogue Basin Program allows the following uses: IRRIGATION

FIVE WELLS IN BEAR CREEK BASIN are above a State Scenic Waterway.

An assessment of water availability has been completed by the Department's groundwater section. A copy of this assessment is in the file. This assessment determined that water is available for further appropriation.

The Department finds that no more than 2.01 CFS would be necessary for the proposed use. The amount of water requested, 2.01 CFS, being 0.402 CFS from each well, is allowable.

The Department determined, based upon OAR 690-09, that the proposed groundwater use will, if properly conditioned, adequately protect the surface water from interference.

The Groundwater Section finds that there is NOT a preponderance of evidence that the proposed use of groundwater will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

Conclusions of Law

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

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

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

Water is available for the proposed use.

The proposed use will not injure other water rights.

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

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

For these reasons, the required presumption has been established.

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

- (a) One or more of the criteria for establishing the presumption are not satisfied; or
- (b) The proposed use would not ensure the preservation of the public welfare, safety and health as demonstrated in comments, in a protest . . . or in a finding of the department that shows:
 - (A) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected; and
 - (B) Specifically how the identified aspect of the public welfare, safety and health under ORS 537.525 would be impaired or be adversely affected.

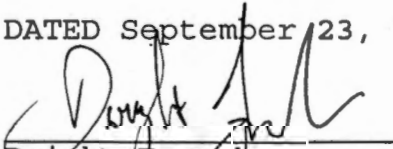
In this application, all criteria for establishing the presumption have been satisfied, as noted above. The presumption has not been overcome by a preponderance of evidence that the proposed use would impair or be detrimental to the public interest.

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

Recommendation

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

DATED September 23, 1997


Dwight French
Water Rights Section Manager

Protest Rights

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

- Your name, address, and telephone number;
- A description of your interest in the proposed final order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in this proposed final order would impair or be detrimental to your interest;
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known; and
- If you are not the applicant, the \$200 protest fee required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting a contested case hearing. If you do not request a hearing, the Department will presume that you do not wish to contest the findings of the proposed final order.
- If you do not protest this Proposed Final Order and if no substantive changes are made in the final order, you will not have an opportunity for judicial review, protest or appeal of the final order when it is issued.

Your protest must be received in the Water Resources Department no later than **November 7, 1997**.

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

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

RWK-114

DRAFT

This is not a permit!!!
STATE OF OREGON

DRAFT

COUNTY OF JACKSON

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD, OREGON 97504

(503)773-7411

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

APPLICATION FILE NUMBER: G-13129

SOURCE OF WATER: FIVE WELLS IN BEAR CREEK BASIN within the Rogue basin

PURPOSE OR USE: IRRIGATION OF 111.6 ACRES AND SUPPLEMENTAL IRRIGATION OF 63.2 ACRES

MAXIMUM RATE: 2.01 CUBIC FOOT PER SECOND, BEING 0.402 CFS FROM EACH WELL

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31 FOR PRIMARY IRRIGATION AND APRIL 1 THROUGH OCTOBER 31 FOR SUPPLEMENTAL IRRIGATION

DATE OF PRIORITY: SEPTEMBER 22, 1992

POINT OF DIVERSION LOCATION: NW 1/4 NE 1/4, SW 1/4 NE 1/4, SECTION 32, T37S, R1W, W.M.; WELL 1 - 1578 FEET NORTH AND 577 FEET EAST; WELL 2 - 1588 FEET NORTH AND 820 FEET EAST; WELL 3 - 1636 FEET NORTH AND 1063 FEET EAST; WELL 4 - 998 FEET NORTH AND 627 FEET EAST; WELL 5 - 588 FEET NORTH & 434 FEET EAST ALL FROM C1/4 CORNER, SECTION 32

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2 1/2 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

	<u>PRIMARY</u>	<u>SUPPLEMENTAL</u>
NW 1/4 NE 1/4		8.8 ACRES
SW 1/4 NE 1/4	2.0 ACRES	27.3 ACRES
SE 1/4 NE 1/4	5.1 ACRES	5.0 ACRES
SE 1/4 NW 1/4	8.5 ACRES	
NE 1/4 SE 1/4	29.3 ACRES	
NW 1/4 SE 1/4	20.6 ACRES	
SW 1/4 SE 1/4	1.0 ACRE	
SE 1/4 SE 1/4	24.0 ACRES	1.0 ACRE
SECTION 32		

	<u>PRIMARY</u>	<u>SUPPLEMENTAL</u>
NW 1/4 SW 1/4	7.3 ACRES	
SW 1/4 SW 1/4	24.3 ACRES	0.5 ACRE
SECTION 33		
TOWNSHIP 37 SOUTH, RANGE 1 WEST, W.M.		
NW 1/4 NW 1/4	6.6 ACRES	
SECTION 4		
NE 1/4 NE 1/4	3.5 ACRES	
SECTION 5		
TOWNSHIP 38 SOUTH, RANGE 1 WEST, W.M.		

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

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

If the number, location, or construction of any well deviates from that proposed in the permit application or permit conditions, the conclusions of the Technical Review, Initial Review or Proposed Final Order under which this permit was granted may be revised, conditions may be appropriately revised, or this permit may not be valid.

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.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report **quarterly** static water level measurements for seven consecutive years. The static water level shall be measured in the months of January, April, July, and October. Reports shall be submitted to the Department within 30 days of measurement. The first April measurement will establish the reference level against which future April measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

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

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

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

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

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

STANDARD CONDITIONS

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

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

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

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

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

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

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

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

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

Issued _____, 199_

DRAFT - THIS IS NOT A PERMIT

Water Resources Department
Director

Application G-13129 Water Resources Department PERMIT DRAFT
Basin 15 Volume 3 LARSON CR & MISC District 14
RWK MGMT.CODE 7BG, 7BR, 7FG, 7FR, 7JG, 7JR, 7CG*, 7CR*, *MODIFIED

PFO CHECKLIST

Application #: G 13129

Basin: ROGUE 15 WAB: _____

County JACKSON Township 37 Range 1W Section 32 1/4 1/4 _____

- 1. Is the file complete by the Completeness Checklist? Y/N
- 2. Shortcomings (items needed before a permit and/or FO can be issued) Y/N
- 3. Check file for indicators that the process **should not** continue until a later date (ie - protest, letter to file indicating hold, or other)
- 4. Groundwater Review **A B C D** River/Stream Name BEAR CREEK / LARSON CREEK Conditions _____
 - a. Groundwater Availability **A B C**
 - b. Is second groundwater review necessary? (comments) Y/N *CHANGED FROM ORIGINAL REVIEW*
 - c. Is HB 1033 review complete? Y/N
- 5. If source is groundwater, is the well located in a groundwater limited area? (If applicable, include map with POD) Y/N
- 6. Is use from a B.O.R. project? Y/N Contract in file? Y/N Contract # _____
- 7. Is the use allowed by the Basin Program? Y/N Limited? Y/N
- 8. Water Availability Data OK / REDONE / NA (50% before July 17, 1992; 80% live flow & 50% storage after July 17, 1992)
- 9. Is the source withdrawn or limited by statute or Department withdrawal order? Y/N
- 10. Is the Proposed Use located in or above a Scenic Waterway? Y/N
- 11. Division 33: Above Bonn (after July 17, 1992) Y/N/NA
Below Bonn (after April 8, 1994; June 3, 1994) Y/N/NA
Statewide - (in shaded areas on T, E, and S Map - after June 3, 1994) Y/N/NA
- 12. Have conflicts been identified, verified and/or addressed? Y/N E-194
- 13. Rate 2.00 Duty 2 1/2 Irrigation Season _____
- 14. Period of Allowed Use 4/1 - 10/31 FOR SUPP // 3/1 - 10/31 FOR PRI
- 15. Allowed Rate of Use 2.01 REMOVED 0.402 FROM EA
- 16. Is the use **Small** (≤ 0.1 cfs, ≤ 9.2 AF), **Medium** (> 0.1 or < 1.5 cfs, > 9.2 or < 100 AF) or **Large** (≥ 1.5 cfs, ≥ 100 AF)?
- 17. Conditions 7B, 7C, 7F, 7J
- 18. IR Public Notice Date 12/28/94; 3/8/95 *MANIFIED*
- 19. Documents used in determination are attached and highlighted
- 20. Spell Check
- 21. Check for Accuracy
- 22. Final PFO report hard copy check (format, margins, etc.)
- 23. Final PFO has been saved to m:\groups\wr\pfo\done\week#Application #
- 24. Fill out PFO CC List (don't forget to check for other property owners)
 - a. Re-notify Water Availability? (Rate, Duty and Period of Allowed Use changes) Y/N

Name: RWR

Date: 9/17/97

PROCEEDINGS

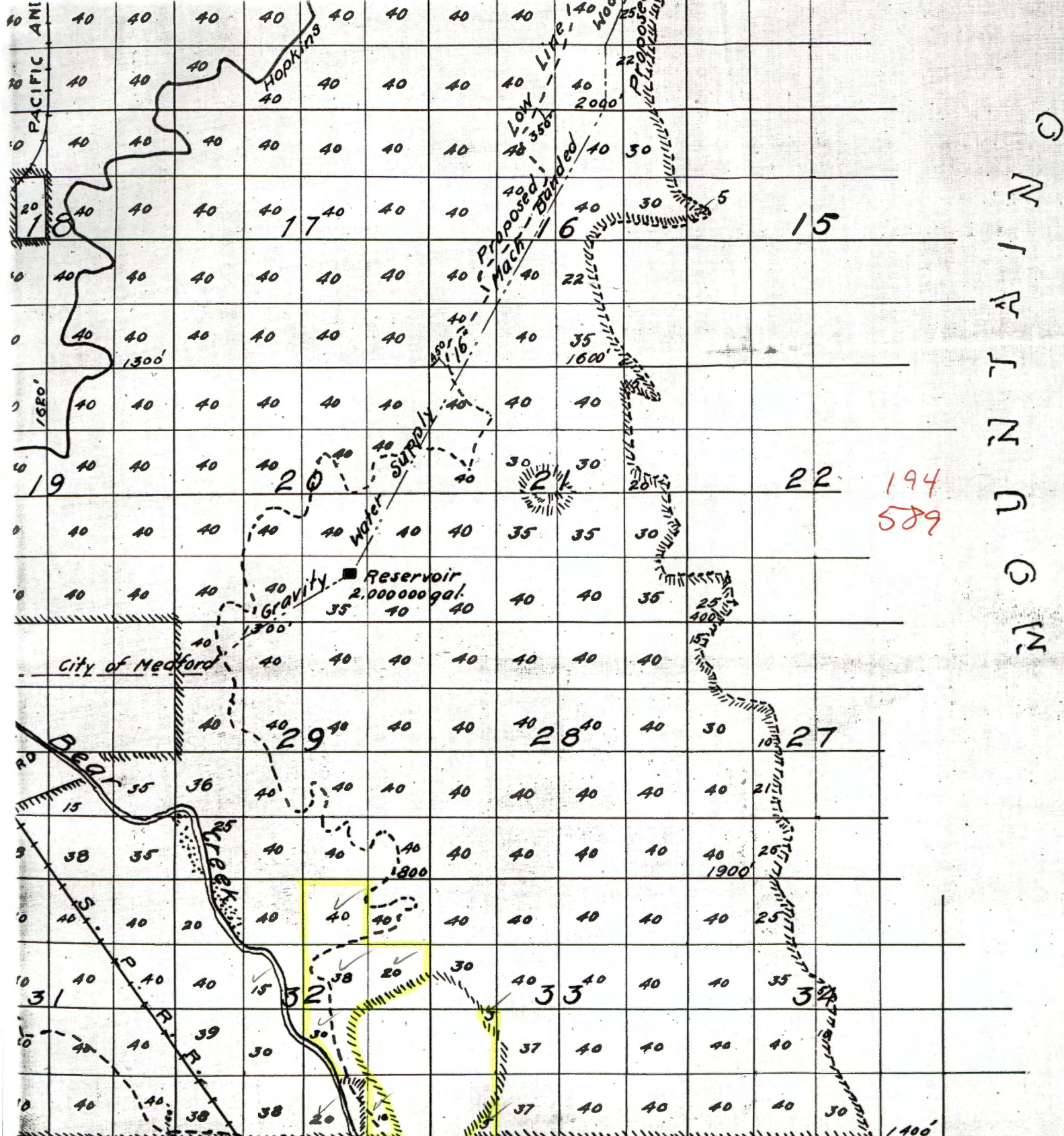
Application # _____

Year _____

Township _____

Range _____

Section _____



CERTIFICATE OF SURVEY OR

I, Alexia Northington, of Medford Oregon do hereby certify from notes taken during an actual survey made under my supervision during Apr, May, June, July, Aug and Sept. 1909 and that it corresponds to the description in the accompanying application together with all other ditches in the immediate vicinity and has written in each smallest legal subdivision which is proposed

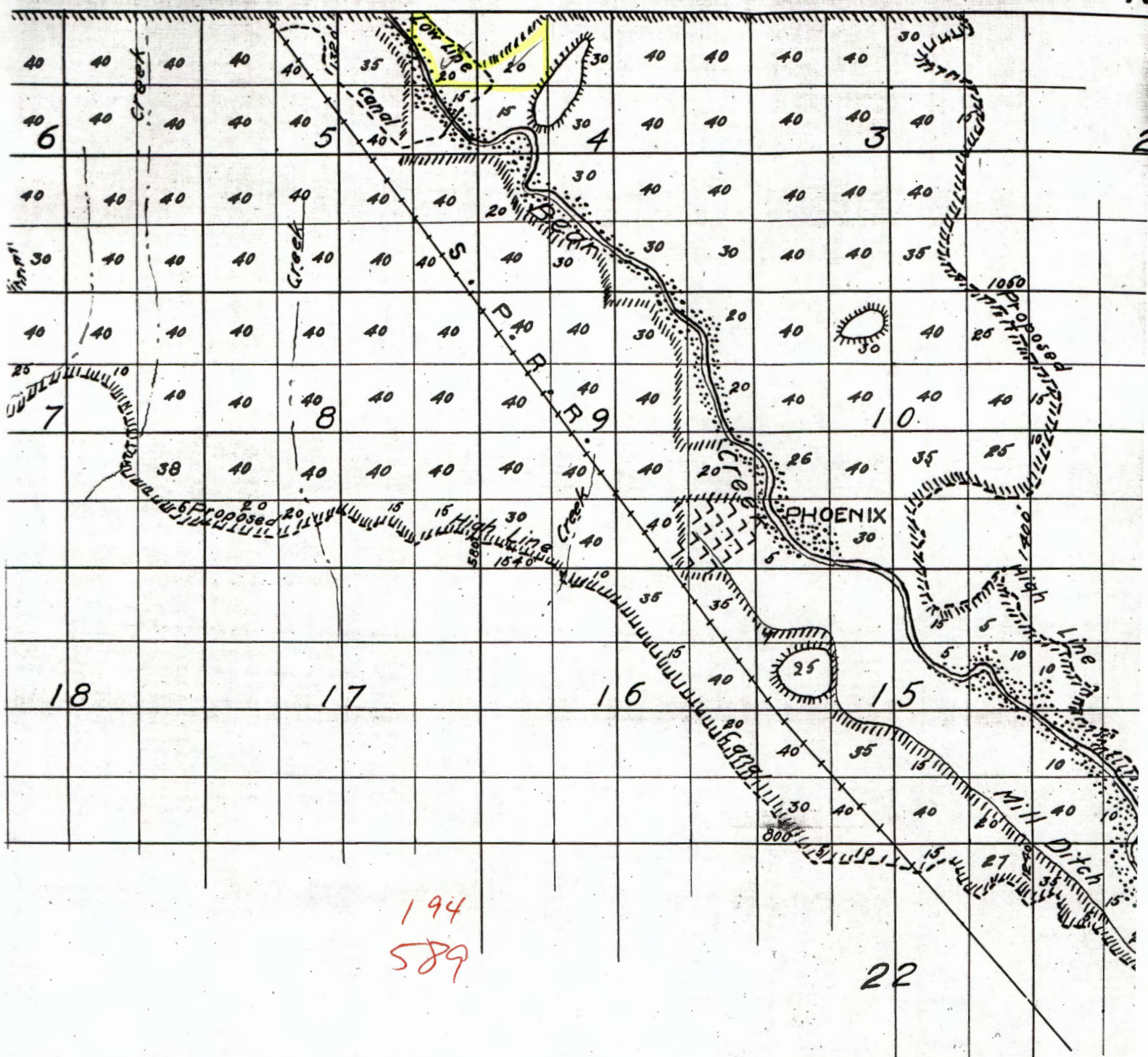
SEND
lands under existing rights.

lands applied for.

Subscribed and sworn to before me this 10 day of May

Notary Public

194
589



TOWNSHIP 37s RANGE 1W W. M. Card No 1 SECTION 32

NE				NW				SW				SE				APPLICA- TION NUMBER	PERMIT NUMBER	CERTIFI- CATE NUMBER
NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE			
DLC 51				DLC 50				DLC 46				DLC 47						
Lot 4				Lot 2 Lot 3 Lot 7 Lot 1				Lot 5				Lot 6						
TOTAL ACREAGE IN SUBDIVISION AS SHOWN ON GOVERNMENT PLAT																		
30 ⁵¹ 24 15 762																		
40	40	38	20	40	20	40	15	30	39	38	38	30	20	10		589	407	
40	40	38	20	40	20	40	15	30	39	38	38	30	20	10		194	E-19	
Supplemental																		
40	40	38	20	40	20	40	15	30	39	38	38	30	20	10		3036	1705	
Supplemental																		
40	40	38	20	40	20	40	15	30	39	38	38	30	20	10		3040	1706	
Mississippi																		
10																		
29527 23210																		
Suppl.																		
6980 G-891 26386																		
Suppl.																		
7 22 34 31																		
28535 25915																		
3770 GR1002																		
GR1003																		

(SEE BACK OF CARD FOR PLAT OF SECTION)

TOWNSHIP 37 RANGE 1W W. M. Card No 2 SECTION 32

NE				NW				SW				SE				APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE			
ACREAGE IN LOT OR LEGAL SUBDIVISION AS SHOWN ON GOVERNMENT PLAT, IF OTHER THAN 40 ACRES																		
MUNICIPAL																		
10119 6704 53323																		
6 ⁶ 24 ¹ 10 ¹																		
8 ⁵																		
29 ³ 14 ⁸ 1 ² 25 ⁰																		
Res P- 72484																		
6-13129																		

119.30 =

Merged
500 acre extension

App 589

Carroll
Kaufman

WATER RESOURCES DEPARTMENT

INTEROFFICE MEMORANDUM

MEMORANDUM OF PERSONAL OR TELEPHONE CONTACT

TO: FACE G-13129 DATE: 5/20/97
FROM: KEN DOUGLASS
SUBJECT: PHONE CONVERSATION NAME: MR. JIM ROMER EMCOU, MCFORD

SPOKE W/ MR. ROMER REGARDING MY LETTER OF
OCTOBER, 1996, REQUESTING THE FINAL "SCOPE OF
WORK" REPORT. (TO MR. McLEMORE)

A 180 DAY TIME-OUT WAS ALSO AUTHORIZED.

IN INFORMATION BEING SUBMITTED IS DATA
RELEVANT TO THE HYDRAULIC CONNECTION ISSUE
BETWEEN W/ WELLS & TWO CREEKS.

TECHNICAL REVIEW WAS UNSATISFACTORY 12/94.

NEXT STEPS ARE TO RECEIVE INFORMATION
FROM APPLICANT, SUBMIT TO GROUND WATER
FOR REVIEW OF NEW INFORMATION & DATA ON
WELLS. THEN ONTO GENERATION OF PROPOSED
FINAL ORDER.

① Addtl data expected forwarded to GW w/ file

October 15, 1996

ROGUE VALLEY MANOR
attn: BRIAN McLEMORE
1200 MIRA MAR
MEDFORD, OR 97504

WATER
RESOURCES
DEPARTMENT

REFERENCE: FILE G-13129

Dear Mr. McLemore:

On March 9, 1995, the Department received your "Scope of Work" for an evaluation of the potential hydraulic connection between surface water and one of your wells from EMCON. In addition, I apologize that we did not respond to your letter dated March 2, 1995.

In reference to the above letter, the third paragraph from the end on page two makes an assumption that the Department can accept the scope of work in lieu of evidence that the finding and/or conclusions contained in the Technical Review were incorrect. This assumption is incorrect. Also contained in the paragraph is your request for extension of the deadline for providing the evidence for the potential interference issue.

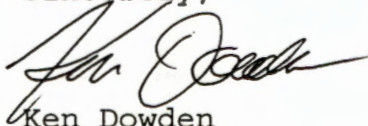
We find the scope of work evaluation favorable and acceptable and do look forward to the final report.

This letter will serve as authorization for a 180 day "Time Out" in which to prepare and submit the study, rebutting the Department's Division 9 assumption of hydraulic connection.

No action will take place on this application until after April 14, 1997, unless other arrangements are made earlier.

If you have any questions or concerns, please give me a call at (503) 378-8455 extension 269.

Sincerely,



Ken Dowden
Water Rights Examiner
Water Right Division

cc: Dana Bayuk, EMCON, Medford
file
District 14 Watermaster
Rachel Baer, OWRD, Tracking Center



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

RECEIVED

MAR - 6 1995

WATER RESOURCES DEPT.
SALEM, OREGON

G-13129



ROGUE VALLEY MANOR

March 2, 1995

Mr. Dwight French
Manager, Water Rights Section
Oregon Water Resources Department
158 12th Street NE
Salem, Oregon 97310

Dear Mr. French:

In a letter dated December 28, 1994, the Oregon Water Resources Department (WRD) denied the Rogue Valley manor's (the Manor) application for a water right (File G 13129) to extract groundwater from five irrigation wells. An *Unsatisfactory Report of Technical Review for Water use Permit(s)* (the Technical Review) was enclosed with the letter. According to the WRD, the application did not satisfy the requirements of the Technical Review for the following reasons:

- The proposed withdrawal of groundwater has the potential to interfere with surface water.
- Quantities of groundwater may not be available to supply the projected use.
- The potential exists that the proposed groundwater withdrawals will interfere with existing surface water rights.
- The Bear Creek Basin is closed to further surface water appropriation.

Based on our review of the December 28 letter, the WRD's basis for denying our application is the presumption that the proposed groundwater withdrawal will substantially interfere with surface water in an over-appropriated drainage basin.

The Technical Review is defective because the Department issued it without permitting Rogue Valley Manor to provide information to rebut the WRD's assumption of hydraulic connection between the proposed groundwater wells and surface water and to provide evidence that there is sufficient water to supply the proposed use. Under OAR 690-09-040(2), the WRD is authorized to "assume" that all wells located less than one-fourth mile from a surface water source that produce water from an unconfined aquifer are hydraulically connected to the surface water source, "unless the applicant or appropriator provides satisfactory information or demonstration to the contrary." WRD is also authorized to "provide reasonable assistance to the applicant or appropriator in acquiring satisfactory information." Id.

1200 MIRA MAR
MEDFORD, OREGON 97504
(503) 857-7777
FAX (503) 857-7599



Mr. Dwight French
March 2, 1995
Page 2

If the application was defective for want of this or any other information, WRD should have given us notice and an opportunity to provide the information. OAR 690-11-050. Because WRD did not do so, and did not provide assistance in acquiring satisfactory information on hydraulic connection, the Technical Review is defective.

To provide satisfactory information, the Manor has retained the services of a consultant (i.e., EMCON) to prepare a scope of work to evaluate the interaction between groundwater and surface water if any, in the area of our irrigation wells. Conversations with EMCON personnel indicate that there is not sufficient time to conduct the hydrogeologic work necessary to make a conclusive determination before March 8, 1995. The scope of work in preparation will be provided to WRD for review and comment by March 8, 1995, the current deadline for submitting evidence and/or objections to the findings of the Technical Review.

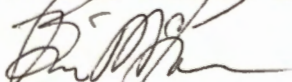
It is our understanding that the WRD can accept the scope of work in lieu of evidence that the findings and/or conclusions contained in the Technical Review are incorrect. In any case, because the Technical Review is defective for the reasons stated above, we request that the WRD withdraw the Technical Review pending submission of this evidence. In the alternative, we ask that the WRD extend the deadline for providing evidence regarding the conclusions of the Technical Review until our evaluation of potential surface water and groundwater interactions has been completed.

The Manor would appreciate confirmation from the WRD that the Technical Review will be withdrawn or the deadline for providing evidence will be extended to coincide with completion of our hydrogeologic evaluation.

If our understanding of the application process is incorrect, please notify us as soon as conveniently possible. We appreciate your attention to this matter.

Sincerely,

ROGUE VALLEY MANOR



Brian McLemore
Administrator of Corporate Development

cc: Thomas Becker, Rogue Valley Manor
Bruce Sund, WRD, Grants Pass
William Holmes, Stoel Rives, Portland
Dana Bayuk, EMCON, Medford

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

Gribble Well Drilling

(START CARD) # 41411

(1) OWNER: Well Number 2-3400
Name Rogue Valley Manor
Address 1200 Mira Mar Ave.
City Medford State Ore. Zip 97504

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

Diameter	HOLE		Material	SEAL		Amount sacks or pounds
	From	To		From	To	
14"	0	25	Bentonite	0	25	900 lbs
8"	25	400				

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	Material			
				Steel	Plastic	Welded	Threaded
8"	+1	39	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Liner: _____

Final location of shoe(s) 39'

(7) PERFORATIONS/SCREENS:
 Perforations Method NA
 Screens Type _____ Material _____

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

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

Yield gal/min	Drawdown	Drill stem at	Time
100+		400'	1 hr.
100+		400'	6 hr.

Temperature of Water 53 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Jackson Latitude _____ Longitude _____
Township 22N37E or S. Range 1W B or W. WM
Section 32A NE 4 NW 4
Tax Lot 3400 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Same

(10) STATIC WATER LEVEL:
37 ft. below land surface. Date 8/3/92
Artesian pressure: _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 97'

From	To	Estimated Flow Rate	SWI
97	100	10	37
136	140	20	37
253	259	40	37
347	355	30+	37

(12) WELL LOG:
Ground elevation _____

Material	From	To	SWI
Soil Brown	0	7	
Gravel + Clay	7	12	
Conglomerate Gray	12	400	37

Application No. 6-13129
Permit No. _____
RECEIVED
SEP - 8 1992
WATER RESOURCES DEPT
SALEM, OREGON
RECEIVED
SEP 22 1992
WATER RESOURCES DEPT
SALEM, OREGON

Date started 7/31/92 Completed 8/3/92

(unbonded) Water Well Constructor Certification:
I certify that the work performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Material used and information reported above are true to my best knowledge and belief.
Signed _____ WWC Number _____ 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 Liz McLeod WWC Number 705 Date 8-3-92

CHECK NO. _____

Application No. 6-13129 **START CARD** NOTICE OF BEGINNING OF WELL CONSTRUCTION Permit No. _____ (as required by ORS 537.762)

This form must be completed, signed by both the owner (or authorized agent) and constructor, and the original mailed or delivered to the Water Resources Department, 3850 Portland Road NE, Salem, OR 97310, no later than the day construction, alteration, conversion or abandonment work begins. A \$75 fee shall accompany all notices for new well construction or conversion of an existing hole not previously used as a water well (make checks payable to the Water Resources Department). Notices meeting this requirement but received without the required fee will not be accepted as properly and timely filed. The Water Resources Commission has authority to impose civil penalties for failure to submit the required \$75 fee with the start card and for failure to submit cards prior to beginning any construction, alteration, conversion or abandonment work.

Owner's name and mailing address Rogue Valley Manor **RECEIVED**
1200 Mira Mar Ave
Medford, Ore 97504 **SEP - 8 1992**

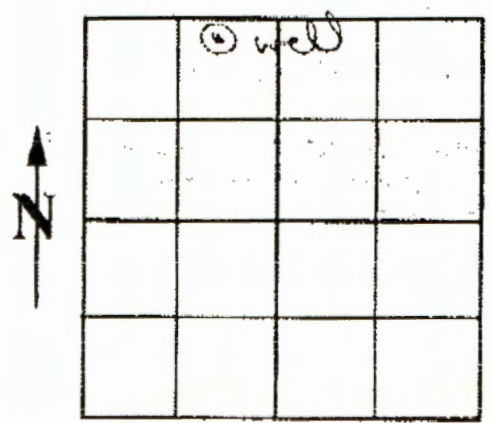
WATER RESOURCES DEPT.
 SALEM, OREGON

Check type of work: Fee Required New construction Conversion
 No Fee Required Repair Deepening Recondition Abandonment

Proposed Commencement Date 7-28-92 Existing or Proposed Well Depth 300 Diameter 6"

Check Use: Domestic Community Industrial Irrigation Monitoring
 Thermal Injection Other _____

Proposed Well Location: County Jackson Owner's Well Id. No. 3-3400
 Township 37S (N or S) Range 1W (E or W) Section 32A



- NE 1/4 of NW 1/4 of above section
- Street address of well location Same **RECEIVED**
SEP 22 1992
- Tax lot number of well location 3400 **WATER RESOURCES DEPT. SALEM, OREGON**
- Attach map with location identified. (See reverse of this form for approved maps)
- Show well location within 1/4, 1/4 of section grid at left.

We hereby certify that we have read the back of this form, and that to the best of our knowledge the information provided herein is accurate and the well is being properly located from septic tanks, septic drain fields and other hazards. (See #2 on back)

Owner's signature _____
 Title _____ Date _____
 Home phone _____ Work phone _____

[Signature]
 Bored Water Well Constructor
 License No. 705
 Company Gribble Well Drilling

NOTE: This is not a water right application. The owner is responsible for obtaining a water right through the Water Resources Department, if required.

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

Gribble Well Drilling

(START CARD) # 41397

(1) OWNER: Well Number 1-3400
Name Rogue Valley Manor
Address 1200 Mira Mar Ave.
City Medford State Ore. Zip 97504

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

HOLE			SEAL		Amount sacks or pounds	
Diameter	From	To	Material	From		To
14"	0	21	Bentonite	0	22	650 lbs
8"	21	400				

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:

Casing/Liner	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Casing	8"	+1	39	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 39'

(7) PERFORATIONS/SCREENS:
 Perforations Method NA
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tube/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"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
100+		400	1 hr.
100+		400	6 hr

Pump Bailor Air Flowing Artesian

Temperature of Water 54 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Jackson Latitude _____ Longitude _____
Township 37S N or S. Range 1W E or W. WM _____
Section 32A NE 1/4 NW 1/4
Tax Lot 3400 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) SAME

(10) STATIC WATER LEVEL:
~~XXXXXX~~ below land surface. Date 7/29/92
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 83'

From	To	Estimated Flow Rate	SW
83	90	5	38
280	283	15	38
363	370	80+	38

(12) WELL LOG: Ground elevation _____

Material	From	To	SW
Soil Brown	0	8	
Conglomerate Gray	8	400	38
Application No. 6-13129			
Permit No. RECEIVED			
SEP - 8 1992			
WATER RESOURCES DEPT SALEM, OREGON			
RECEIVED			
SEP 22 1992			
WATER RESOURCES DEPT SALEM, OREGON			

Date started 7/27/92 Completed 7/29/92
(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Material used and information reported above are true to my best knowledge and belief.
Signed _____ WWC Number _____ 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 [Signature] WWC Number 205 Date 7-30-92

Date Hand-delivered
Watermaster Initials

WRD Receipt
Date Fee Received

Application No. 6-13129 Permit No. **START CARD** BEGINNING OF WELL CONSTRUCTION (as required by ORS 537.762)

CHECK NO. _____

This form must be completed, signed by both the owner (or authorized agent) and constructor, and the original mailed or delivered to the Water Resources Department, 3850 Portland Road NE, Salem, OR 97310, no later than the day construction, alteration, conversion or abandonment work begins. A \$75 fee shall accompany all notices for new well construction or conversion of an existing hole not previously used as a water well (make checks payable to the Water Resources Department). Notices meeting this requirement but received without the required fee will not be accepted as properly and timely filed. The Water Resources Commission has authority to impose civil penalties for failure to submit the required \$75 fee with the start card and for failure to submit cards prior to beginning any construction, alteration, conversion or abandonment work.

776-5214
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Owner's name and mailing address Rogue Valley Manor
1200 Mita Mar Ave
Medford Ore 97504

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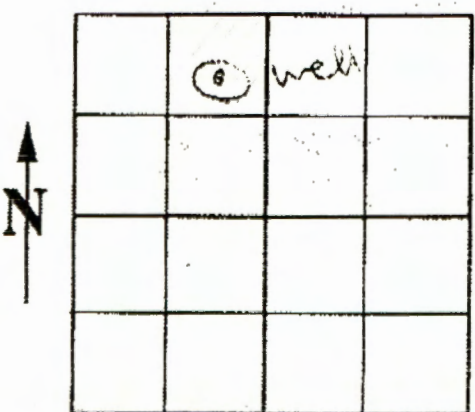
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Check type of work: Fee Required New construction Conversion
No Fee Required Repair Deepening Recondition Abandonment

Proposed Commencement Date 7-20-92 Existing or Proposed Well Depth 250' Diameter 6"

Check Use: Domestic Community Industrial Irrigation Monitoring
 Thermal Injection Other

Proposed Well Location: County Jackson Owner's Well Id. No. 1-3400
Township 37 S (N or S) Range 1 W (E or W) Section 32 A



- NE 1/4 of NW 1/4 of above section
- Street address of well location same
- Tax lot number of well location 3400
- Attach map with location identified. (See reverse of this form for approved maps)
- Show well location within 1/4, 1/4 of section grid at left.

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We hereby certify that we have read the back of this form, and that to the best of our knowledge the information provided herein is accurate and the well is being properly located from septic tanks, septic drain fields and other hazards. (See #2 on back)

Owner's signature _____
Title _____ Date _____
Home phone _____ Work phone _____

[Signature]
Bonded Water Well Constructor
License No. 705
Company Gribble Well Drilling

NOTE: This is not a water right application. The owner is responsible for obtaining a water right through the Water Resources Department, if required.

THIS COPY TO CUSTOMER



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SALEM, OREGON

ROGUE VALLEY MANOR

November 17, 1995

Dennis Oakes
Oregon Water Resources Department
158 12th Street NE
Salem, OR 97310-0210

Re: Application File #G-13129

Dear Mr. Oakes:

With regard to your letter dated September 25, 1995, please find enclosed requested map and check in the amount of \$430.00.

If you have any questions regarding this information, please give me a call.

Sincerely,

Brian McLemore
Administrator of
Corporate Development

1200 MIRA MAR
MEDFORD, OREGON 97504
(503) 857-7777
FAX (503) 857-7599



Application No. 6-B129

Permit No.

APPLICATION FOR A PERMIT TO APPROPRIATE GROUND WATER
ROGUE VALLEY MANOR

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WATER RESOURCES DEPT.
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Item 4 Description of Water Delivery System:

The water delivery system for Rogue Valley Manor consists of a combination of City water, 900 gpm water rights from Bear Creek and this application for five (5) wells. Normally the water from Bear Creek is pumped to two (2) reservoirs (application Water Resources File R-72484); under low water creek flows, the five wells will pump to the two reservoirs, and under emergency conditions and/or maintenance repairs, the City water will be used to fill the two reservoirs. From the reservoirs a sump with a pump station will deliver the water to irrigate 111 acres of residential lawn sprinkling system and 50 acres of golf course sprinkling system.

Permit application for beneficial water rights if for 900 gpm as follows:

21.32 gpm/acre/3 hrs/day residential lawns	425,974 gal/day
40.98 gpm/acre/7 hrs/day golf course	<u>860,058 gal/day</u>
TOTAL	1,286,032 gal/day

or



This paragraph appears to indicate that this app. is for supplemental irrigation

Dyht 9/14/92

	Bear Creek Elev.	Bear Creek Dist.	Bear Creek Elev.
erson Creek	1406	2000	1377
	1410	2250	1377
	1411	2500	1377
	1408	1500	1377
	1406	1300	1377

*Fro

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Application No. 6-13129 Permit No.

APPLICATION FOR A PERMIT TO APPROPRIATE GROUND WATER
ROGUE VALLEY MANOR

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WATER RESOURCES DEPT.
SALEM, OREGON

Item 4 Description of Water Delivery System:

The water delivery system for Rogue Valley Manor consists of a combination of City water, 900 gpm water rights from Bear Creek and this application for five (5) wells. Normally the water from Bear Creek is pumped to two (2) reservoirs (application Water Resources File R-72484); under low water creek flows, the five wells will pump to the two reservoirs, and under emergency conditions and/or maintenance repairs, the City water will be used to fill the two reservoirs. From the reservoirs a sump with a pump station will deliver the water to irrigate 111 acres of residential lawn sprinkling system and 50 acres of golf course sprinkling system.

Permit application for beneficial water rights if for 900 gpm as follows:

21.32 gpm/acre/3 hrs/day residential lawns	425,974 gal/day
40.98 gpm/acre/7 hrs/day golf course	<u>860,058 gal/day</u>
TOTAL	1,286,032 gal/day

or

$$\frac{1,286,032 \text{ gal/day}}{1,440 \text{ min/day}} = 893 \text{ or } 900 \text{ gpm}$$

WELL DATA

<u>Well No.</u>	<u>*Distance (Ft)</u>		<u>Ground Elev.</u>	<u>Larson Creek</u>		<u>Bear Creek</u>	
	<u>North</u>	<u>East</u>		<u>Dist.</u>	<u>Elev.</u>	<u>Dist.</u>	<u>Elev.</u>
1	1578	577	1411	50	1406	2000	1377
2	1588	820	1414	50	1410	2250	1377
3	1636	1063	1418	90	1411	2500	1377
4	998	627	1443	540	1408	1500	1377
5	588	434	1423	940	1406	1300	1377

*From Center of 1/4 Section 32, T. 37 S., R. 1W., W. M.

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IT IS HEREBY ORDERED that the petition be allowed and that the following described lands be, and the same hereinafter, are, included with in the boundaries of the Medford Irrigation District as hereinafter set forth:

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SPECIAL OREGON

ROGUE VALLEY MANOR

1-1667-5 37-1W-32-D TAX LOT 1000 .8 acres

1-1759-1 38-1W-05 TAX LOT 100 3.2 acres

All that part of the following described tract lying Northeasterly of the Northeasterly right of way line of the relocated Pacific Highway, (U.S. Interstate No. 5), as said highway is described in Volume 503, Page 11, Jackson County, Oregon, Deed Records, to-wit: Beginning at a 5/8" x 24" iron pin on the East boundary of Donation Land Claim No. 46, in Township 37 South, Range 1 West, Willamette Meridian, Jackson County, Oregon, said pin being South, 845.5 feet from the Northeast corner of said Donation Land Claim; thence South, 587.5 feet along the East line of said Donation Land Claim; thence South 51 30' East, 591.4 feet; thence East, 537.8 feet, to a 5/8" x 20" iron pin; thence North, 955.7 feet, to a 5/8" x 20" iron pin; thence West, 1000.6 feet, to the point of beginning.

That portion of the following described parcel in Township 37 South, Range 1 West, Section 32 and Township 38 South, Range 1 West, Section 5 of the Willamette Meridian, lying Northeasterly of the Interstate 5 Freeway as it exists on January 1, 1990:

Donation Land Claim No. 48, Township 37 South, Range 1 West of the Willamette Meridian and that part of the West Half of Donation Land Claim No. 38, and Government Lots 2 and 3, in Section 5, Township 38 South, Range 1 West of the Willamette Meridian, described as follows:

Beginning at a point 5.37 chains West of the corner common to Sections 32 and 33, Township 37 South, Range 1 West of the Willamette Meridian, and Sections 4 and 5, Township 38 South, Range 1 West of the Willamette Meridian, thence North 7.90 chains, thence West 34.25 chains, thence South 7.94 chains, thence continue South along the West line of Donation Land Claim No. 38, Township 38 South, Range 1 West of the Willamette Meridian, 1380.15 feet, thence East 24.35 feet to the point of beginning of the property described in Volume 333, at Page 139, Deed Records of Jackson County, thence North parallel with the West line of said Donation Land Claim No. 38, 316.42 feet, thence North 52 09' East 506.06 feet, thence South 37 51' East 650 feet, thence South 52 09' West 760 feet to intersect the Southwesterly line of the Pacific Highway, thence South 37 51' East along said Southwesterly line of the Pacific Highway to the most Easterly corner of the property as described in Volume 275, at Page 378, Deed Records of Jackson County, thence South 52 09' West along the Southeasterly line of said property, 300.35 feet to the Northeasterly line of the Southern Pacific Railroad right of way, thence South 35 07' East along said right of way line to the most Westerly corner of the property as described in Volume 333, at Page 31, said Deed Records, thence North 50 45' East along the Northwesterly line of said property to the Southwesterly line of the Pacific Highway, 287.25 feet, more or less, to intersect the West line of Donation Land Claim No. 40, thence North 500.40 feet to the Northwest corner of Donation Land Claim No. 40, thence East along the North line of said Claim to the Southwest corner of the property as described in Volume 241, at Page 572, said Deed Records, thence North 20 chains, thence West 11.56 chains, thence North 12.10 chains to the point of beginning.

1-2178-4 37-1W-32-D TAX LOT 603 25.6 acres

That tract or parcel of land situated in the East half of Section 32, Township 37 South, Range 1 West, Willamette Meridian, Jackson County, Oregon, more fully described as follows:

Beginning at the Northeast corner of Donation Land Claim No. 46, Township 37 South, Range 1 West, Willamette Meridian, Jackson County, Oregon; thence along the West line of Donation Land Claim No. 51, North 0 12'30" West, 662.40 feet (record 662.30 feet), to a 5/8" iron bolt in concrete; thence along the South line of PARK TERRACE SUBDIVISION, and its Easterly projection thereof, South 89 57'20" East (record North 89 56' East), 965.735 feet, to a 5/8" iron pin; thence South 0 12'30" East, 1508.30 feet, to a 5/8" iron pin;

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on the northeasterly right of way line of Interstate No. 5. Thence along said Northeasterly right of way line, North 48 51'05" West, 7.24 feet, to a 5/8" iron pin; thence North 39 45'40" West, 978.00 feet, to a 5/8" iron pin on the West line of said Donation Land Claim No. 51; thence along said West line, North 0 05'30" West, 89.66 feet, to the point of beginning.

EXCEPTING THEREFROM that portion of the above described property deeded to Jackson County, Oregon, being a portion of the road known as Ellendale Drive, by instrument recorded August 30, 1963, in Volume 552, Page 215, Jackson County, Oregon, Deed Records.

1-62260-3 38-1W-04 TAX LOT 1101 7.2 acres
1-62259-8 37-1W-33 TAX LOT 605 8.3 acres

Commencing at the East-Southeast corner of Donation Land Claim No. 51, Township 37 South, Range 1 West of the Willamette Meridian in Jackson County, Oregon; thence South 2217.35 feet; thence East 886.95 feet to a 6" diameter by 24" long concrete monument with bronze disk located at the most Southerly corner of Lot 1, Block 12 of MONT CREST SUBDIVISION, UNIT NO. 3 (Recorded) for the true point of beginning; thence South 53 36'40" West, 193.62 feet; thence South 43 50' West 190.00 feet; thence South 4 10' East, 563.00 feet; thence South 25 25' West 465.00 feet; thence South 11 30' West 231.00 feet; thence South 26 55' East, 35.00 feet; thence South 63 05' West, 407.51 feet to intersect the Northeasterly right-of-way line of Interstate Highway No. 5; thence along said Highway line, South 36 05'10" East 364.23 feet to a lead plug with tack set in concrete (which bears South, 4187.17 feet and East 261.79 feet from the said East-Southeast corner of Donation Land Claim No. 51); thence North 41 24'24" East 258.02 feet; thence Southeasterly along a curve concave to the North radius of 75 feet, a distance of 54.13 feet with a central angle 41 20'54"; thence South 89 56'30" East 29.62 feet; thence North 0 3'30" East 105.00 feet; thence South 89 56'30" East 102.68 feet; thence North 0 3'30" East 10 feet; thence South 89 56'30" East 240.50 feet; thence South 0 03'30" West, 28.00 feet; thence South 89 56'30" East 125.00 feet; thence North 0 03'30" East 677.62 feet; thence North 2 43'07" East 51.34 feet; thence North 0 03'30" East 109.03 feet; thence North 56 21'00" West 52.75 feet; thence North 15 49'31" East 50.94 feet; thence North 3 40'00" West 90.02 feet; thence North 3 44'30" West 79.31 feet; thence North 23 10'00" East 132.11 feet; thence North 26 10'59" East 50.07 feet; thence North 23 10'00" East 133.01 feet; thence North 37 56'00" West 85.00 feet to the True Point of Beginning.

1-2178-4 37-1W-32-A TAX LOT 3300 11.8 acres

Being a portion of Donation Land Claim No. 51, in Section 32, Township 37 South, Range 1 West of the Willamette Meridian, in the City of Medford, Jackson County, Oregon, and being more particularly described as follows:

Beginning at a point 30 feet East of the Southeast corner of Donation Land Claim No. 50 in said Section 32; and running thence North along the East boundary of the County Road, 275.2 feet; thence East, 489.0 feet; thence North, 207.0 feet to the center line of a creek; thence North 89 13' East, 316.0 feet along the center line of said creek; thence following the center line of said Creek in a general course North 72 20' East, 281.78 feet; thence South, 912.47 feet; thence West, 1073.53 feet to the East line of the County Road and 30 feet East of the West line of said Donation Land Claim No. 51; thence North along said East line of the County Road, 340.45 feet to the point of beginning.

SAVE AND EXCEPT that part lying within Park Terrace Subdivision and that part lying within the Amended Plat of Block 3 and Lots 1 and 10, Block 2 of Park Terrace Subdivision, recorded plats of Jackson County, Oregon.

TOGETHER WITH that part of Parkdale Drive vacated by the City of Medford Ordinance No. 8433, as set forth in Volume 536, Page 184, Jackson County, Oregon, Deed records, and further defined in Quitclaim Deeds recorded as Document Nos. 77-08522, 77-05823 and 77-05824, Official Records of Jackson County, Oregon.

1-2175-0 37-1W-32-D TAX LOT 600 43.6 acres
1-2183-2 37-1W-33 TAX LOT 600 42.6 acres
1-2486-2 38-1W-04 TAX LOT 1100 3.6 acres

Commencing at the East-Southeast corner of Donation Land Claim No. 51, Township 37 South, Range 1 West, Willamette Meridian, Jackson County, Oregon; thence along the Southerly boundary of said claim, North 89 51'40" West, 410.10 feet, to the Northwest corner of the Argonne Way right of way (see Instrument No. 78-07951, Official Records of Jackson County, Oregon), for the true point of beginning; thence along the Westerly end of said way, and to and along the Westerly boundary of CASTLE RIDGE ESTATES (recorded), South 0 04' East, 679.79 feet, to the Northeast corner of the Shannon Drive right of way;

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thence along the northe end of said drive, south 89 5 west, 60.00 feet, to the Northeast corner of tract described in Volume 448 Page 124, Jackson County, Oregon, Deed Records (also being Southeast corner of Tract "B", as described in Volume 498, Page 506, said Deed Records); thence North 0 04' West 90.00 feet, to the Northeast corner of said Tract "B"; thence North 89 51' 40" West, 150.00 feet, to the Northwest corner of said Tract "B"; thence South 0 04' East, 90.00 feet, to a 3/4" iron pin, located at the Southwest corner of said Tract "B"; thence along the Northwesterly Boundary of said tract described in Volume 448, Page 124, said Deed Records, as follows: South 81 40' West, 134.00 feet, to a 3/4" iron pin; South 57 40' West, 136.00 feet, to a 3/4" iron pin; South 27 40' West, 140.00 feet, to a 3/4" iron pin, located at the Northerly corner of parcel described in Instrument No. 77-20144, said Official Records; thence South 24 06' 20" West, 151.91 feet, to the Southwest corner of said parcel; thence along the Westerly and Southerly boundary of Tract "A", as described in Volume 498, Page 506, said Deed Records, as follows: South 07 42' 49" West, 227.24 feet; South 01 12' West, 361.76 feet; South 39 35' East, 479.41 feet; North 57 26' 30" East, 150.00 feet, to a 3/4" iron pin, located at the most Westerly corner of tract described in Volume 460, Page 373, said Deed Records; thence South 41 44' 30" East, 60.37 feet, to a 3/4" iron pin, located at an angle point on the Southwesterly boundary of said tract; thence 20.00 feet, more or less, to the Northwesterly corner of that tract described in Volume 590, Page 207, said Deed Records; thence South 60 31' 30" West, 6.00 feet; thence South 07 11' 05" East, 116.30 feet; thence North 64 06' East, 25.17 feet, to the most Southerly corner of said tract described in Volume 590, Page 207, said Deed Records; thence South 16 35' 00" East, 65.41 feet; thence South 70 49' 10" West, 35.29 feet, to the Northwest corner of tract described in Instrument No. 70-11451, said Official Records; thence South 16 35' East, 70.00 feet, to the Southwest corner of said tract; thence North 80 54' East, 177.53 feet, to the Southeast corner of said tract; thence North 01 35' West, 54.21 feet, to a point of curve on the Easterly boundary of said tract; thence 50.79 feet, on the arc of a 370.00 foot radius curve left (the long chord bears North 05 31' West, 50.75 feet), to the Northeast corner of said tract; thence North 70 49' 10" East, 7.22 feet, to the most Easterly corner of said parcel described in Volume 599, Page 121, said Deed Records; thence 295.00 feet, on the arc of a 1402.40 foot radius curve left (the long chord bears North 25 12' 20" West, 294.455 feet), to a 3/4" iron pin, located at the most Northerly corner of said tract described in Volume 460, Page 373, said Deed Records; thence along the Southeasterly boundary of said tract described in Volume 448, Page 124, said Deed Records, as follows: North 62 28' 30" East, 60.12 feet, to a 3/4" iron pin; North 62 58' 10" East, 177.83 feet, to a 3/4" iron pin; 162.60 feet, on the arc of a 542.96 foot radius curve left (the long chord bears North 54 23' 25" East, 161.99 feet), to a 3/4" iron pin; thence North 45 48' 40" East, 18.65 feet, to a 3/4" iron pin, located at the most Easterly corner of said tract; thence along the Southwesterly right of way line of Shannon Drive, 61.44 feet, on the arc of a 1402.40 foot radius curve right (the long chord bears South 31 45' 40" East, 61.44 feet); thence along the Southeasterly right of way line of Mira Mar Avenue, North 45 48' 55" East, 63.21 feet, to a 3/4" iron pin, located on the Westerly boundary of Lot 1, Block 7, MONT CREST SUBDIVISION - UNIT NO. 2 (recorded); thence 12.04 feet, on the arc of a 8.00 foot radius curve left (the long chord bears South 02 42' 58" West, 10.93 feet); thence South 40 23' East, 117.78 feet, to the most Southerly corner of said Lot 1; thence North 45 48' 55" East, 780.98 feet, to the initial point of MONT CREST SUBDIVISION - UNIT NO. 3 (recorded); thence along the Southwesterly boundary of said subdivision, as follows: South 44 11' 05" East, 105.00 feet; South 35 11' 05" East, 270.00 feet; South 54 48' 55" West, 100.00 feet; South 30 00' East, 440.00 feet; South 49 16' 40" West, 160.78 feet; South 07 38' West, 60.69 feet; South 17 04' West, 100.00 feet; South 55 56' East, 90.00 feet, to the most Southerly corner of Lot 1, Block 12, said subdivision; thence along the Westerly boundary of tract described in Instrument No. 78-26068, said Official Records, as follows: South 53 36' 40" West, 193.62 feet; South 43 50' West, 190.00 feet; South 04 10' East, 563.00 feet; South 25 25' West, 465.00 feet; South 11 30' West, 231.00 feet; South 26 55' East, 35.00 feet; South 63 05' West, 407.51 feet, to intersect the Northeasterly right of way line of Interstate Highway No. 5; thence along said highway line, North 36 05' 10" West, 76.59 feet, to a point 220 feet Northeasterly, at right angles from the center line of said highway, at Station 940+00; thence along said highway line, North 39 45' 30" West, 499.86 feet, to a point 220 feet Northeasterly, at right angles from the center line of said highway, at Station 935+00; thence along said highway line, North 43 05' 45" West, 112 feet, more or less, to intersect the East boundary of Donation Land Claim No. 48, said Township and Range; thence Northerly, 500 feet, more or less, to the Northeast corner of said claim; thence Westerly, along the North boundary of said claim, 470 feet, more or less, to intersect the Northeasterly right of way line of said Interstate Highway No. 5;

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less, to a point 150 feet northeasterly, at right angles to the center line of said highway, at station 923+00; thence along said highway line, North 3° 25' West, 820.07 feet, to intersect the east boundary of parcel described in Volume 503, Page 5, said Deed Records; thence North 0° 05' 35" West, 433.66 feet, to a 5/8" iron pin, located at the Northeast corner of said parcel; thence along the North boundary of said parcel, North 89° 55' 50" West, 34.15 feet, to a 5/8" iron pin, located at the Southeast corner of tract described in Instrument No. 68-03150, said Official Records; thence North 0° 12' 35" West, 1508.30 feet, to a 5/8" iron pin, located at the Northeast corner of said tract; thence to and along the Southerly boundary of SUN OAKS, PHASES III and IV (recorded), South 89° 57' 20" East, 497.446 feet, to the ell corner to said Donation Land Claim No. 51; thence along the Southerly boundary of said claim, South 89° 51' 40" East, 795.91 feet, to the true point of beginning.

That portion of the following described parcel in Township 37 South, Range 1 West, Section 32 and Township 38 South, Range 1 West, Section 5 of the Willamette Meridian, lying Northeasterly of the Interstate 5 Freeway as it exists on January 1, 1990:

Donation Land Claim #48, Township Thirty-seven South, Range One West of the Willamette Meridian, and that part of the West Half of Donation Land Claim #38, and Government Lots 2 and 3, in Section Five, Township Thirty-eight South, Range One West of the Willamette Meridian, described as follows:

Beginning at a point 5.37 chains West of the corner common to Sections Thirty-two and Thirty-three, Township Thirty-seven South, Range One West of the Willamette Meridian, and Sections Four and Five, Township Thirty-eight South, Range One West of the Willamette Meridian, thence North 7° 30' chains, thence West 34.25 chains, thence South 7.94 chains, thence continue South along the West line of Donation Land Claim #38, Township Thirty-eight South, Range One West of the Willamette Meridian, 1380.15 feet, thence East 24.35 feet to the point of beginning of the property described in Volume 333, at page 139, Deed Records of Jackson County, thence North parallel with the West line of said Donation Land Claim #38, 316.42 feet, thence North 52° 09' East 506.06 feet, thence South 37° 51' East 650 feet, thence South 52° 09' West 760 feet to intersect the Southwesterly line of the Pacific Highway, thence South 37° 51' East along said Southwesterly line of Pacific Highway to the most Easterly corner of the property as described in Volume 275, at page 378, Deed Records of Jackson County, thence South 52° 09' West along the Southeasterly line of said property, 300.35 feet to the Northeasterly line of the Southern Pacific Railroad right of way, thence South 35° 07' East along said right of way line to the most Westerly corner of the property as described in Volume 333, at page 31, said Deed Records, thence North 50° 45' East along the Northwesterly line of said property to the Southwesterly line of the Pacific Highway, thence South 37° 51' East along said Southwesterly line of the Pacific Highway, 287.25 feet, more or less, to intersect the West line of Donation Land Claim #40, thence East along the North line of said Claim to the Southwest corner of the property as described in Volume 241, at page 572, said Deed Records, thence North 20 chains, thence West 11.56 chains, thence North 12.10 chains to the point of beginning.

1-2177-6 37-1W-32-D TAX LOT 602 .2 acres

Commencing at the East-Southeast corner of Donation Land Claim No. 51, Township 37 South, Range 1 West, Willamette Meridian, Jackson County, Oregon; thence South, 1901.53 feet; thence West 421.39 feet, to a 3/4" iron pin, located at the most Easterly corner of tract described in Volume 460, Page 373, Jackson County, Oregon, Deed Records; thence 120.00 feet, along the arc of a curve right (which arc has a radius of 1402.40 feet, and a long chord of South 25° 06' 10" East, 119.97 feet), to a 3/4" iron pin, for the true point of beginning; thence South 64° 06' West, 167.54 feet; thence South 16° 35' East, 65.41 feet; thence North 70° 49' 10" East, 171.93 feet; thence 85.00 feet, along the arc of a curve left (which arc has a radius of 1402.40 feet, and a long chord of North 20° 55' West, 84.99 feet), to the true point of beginning.

1-2179-2 37-1W-32-D TAX LOT 604 .2 acres

Commencing at the east-southeast corner of donation land claim No. 51, township 37 south, range 1 west, Willamette Meridian, Jackson County, Oregon; thence south, 1901.53 feet; thence West, 421.39 feet, to a 3/4" iron pin, located at the most easterly corner of tract described in volume 460, page 373, Jackson County, Oregon, deed records; thence 120.0 feet, along the arc of a curve right (which arc has a radius of 1402.40 feet, and a long chord of south 25° 06' 10" east, 119.97 feet), to a 3/4" iron pin located at the point of compound curve;

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the true point of beginnig ; thence south 70 49'10" west, 20.00 feet;
thence th 16 35'00" east, 70.00 feet, thence r h 80 54'00" east,
177.53 . t; thence north 01 35'00" west, 54.21 : ; thence 50.79 feet,
along the arc of a curve left (which arc has a radius of 370.00 feet, and a
long chord of north 05 31'00" west, 50.75 feet), to the true point of
beginning.

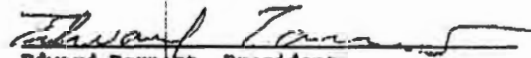
1-2174-3 37-1W-32-D TAX LOT 400 13.8 acres .

Tract A: Commencing at the east southeast corner of Donation Land
Claim No. 51 in Township 37 South, Range 1 West of the Willamette Meridian
in Jackson County, Oregon, thence North 89 51'40" West along the south
boundary of said Claim 470.0 feet, thence South 0 04' East 680.0 feet,
thence North 89 51'40" West 150.0 feet, thence South 81 40' West 134.0
feet, thence South 57 40' West 136.0 feet, thence South 27 40' West 140.0
feet, thence South 4 53'20" West 143.97 feet to a 3/4" iron pin, the TRUE
POINT OF BEGINNING; thence South 5 29'20" West 215.06 feet, thence South 6
02'10" East 283.0 feet; thence South 41 44'30" East 503.0 feet; thence
South 57 26'30" West 150.0 feet; thence North 39 35' West 479.41 feet;
thence North 1 12' East 361.76 feet; thence North 7 42'49" East 227.24
feet; thence South 84 30'40" East 50.0 feet to the true point of beginning.

TRACT B: Commencing at the east southeast corner of Donation Land
Claim no. 51 in Township 37 South, Range 1 West of the Willamette Meridian
in Jackson County, Oregon, thence North 89 51'40" West along the south
boundary of said Claim 470.0 feet, thence South 0 04' East 590.0 feet to a
3/4" iron pin, the true point of beginning; thence South 0 04' East 90.0
feet; thence North 89 51'40" West 150.0 feet; thence North 0 04' West 90.0
feet; thence South 89 51'40" East 150.0 feet to the true point of
beginning.

IT IS FURTHER ORDERED that, pursuant to O.R.S. 545.594, if no protest
been filed with the Board within thirty (30) days from the date of this
order, that a certified copy of the entry of this order be entered in the
minutes of the Board of Directors including such lands and that it be
certified by the Secretary of the Board and filed for record in the office
of the County Clerk of Jackson County, Oregon.

DATED: June 18, 1990 . . .


Edward Earnest, President

ATTEST:


Mike Russell, Director

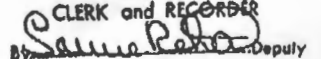

Randy Moore, Manager


Richard Payne, Director

Jackson County, Oregon
Recorded
OFFICIAL RECORDS

1:30 AUG 10 1990 P M.

KATHLEEN S. BECKETT
CLERK and RECORDER


Deputy

RECEIVED

SEP 22 1992

VALLEY RESOURCES DEPT.
SALEM, OREGON

TO: Water Rights Section

SEPT 16, 1997

FROM: Groundwater/Hydrology Section Doug Woodcock
Reviewer's Name

SUBJECT: Application G- 13129

GROUNDWATER/SURFACE WATER CONSIDERATIONS

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

2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
a. ___ will, or _____ have the potential for substantial interference with the nearest
b. ___ will not _____ surface water source, namely _____; or
c. will if properly conditioned, adequately protect the surface water from interference:
i. The permit should contain condition #(s) 7B;
ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
iii. ___ The permit should be conditioned as indicated in item 4 below; or
d. ___ will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

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

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

REMARKS: SEE ATTACHED CONDITIONS MEMO
ALSO, USE APPEARS TO BE SUPPLEMENTAL NOT PRIMARY
SEE DESCRIPTION OF WATER DELIVERY SYSTEM.

(Well Construction Considerations on Reverse Side)

- 5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
 - a. ___ review of the well log;
 - b. ___ field inspection by _____;
 - c. ___ report of CWRE _____;
 - d. ___ other: (specify) _____

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

- 7. THE WELL construction deficiency is described as follows: _____

- 8. THE WELL
 - a. ___ was, or constructed according to the standards in effect at the time of
 - b. ___ was not original construction or most recent modification.
 - c. ___ I don't know if it met standards at the time of construction.

RECOMMENDATION:

- A. ___ I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."
- B. ___ I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.
- C. ___ REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit
 _____, 199__.
 (Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons: _____

 _____, 199__.
 (Signature)

INTEROFFICE MEMO

September 16, 1997

To: Dwight French
From: Doug Woodcock
Subject: Proposed Conditions for G-13129

Based upon new data supplied by the applicant's consultant, the Division 09 review has been superseded to reflect no potential for substantial interference. I recommend these conditions for the permit:

7B: Interference Condition, **7F** Proposed Well Location Condition, and **7C** Seven-Year Minimum Measurement Condition (modified below by requiring quarterly measurements and eliminating the 7C measurement schedule).

7C Seven Year Minimum Measurement Condition

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report quarterly static water level measurements for seven consecutive years. The static water level shall be measured in the months of January, April, July, and October. Reports shall be submitted to the Department within 30 days of measurement. The first April measurement will establish the reference level against which future April measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional 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 the April 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.

TO: Water Rights Section

5/14/93, 1993

FROM: Groundwater/Hydrology Section

D. Woodcock

Reviewer's Name

SUBJECT: Application G- 13129

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

2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
 - a. will, or _____ have the potential for substantial interference with the nearest surface water
 - b. will not _____ source, namely BEAR CR / LARSON CR; or
 - c. will, if properly conditioned, adequately protect the surface water from interference:
 - i. The permit should contain condition #(s) _____;
 - ii. The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. The permit should be conditioned as indicated in item 4 below; or
 - d. will, with well reconstruction, adequately protect the surface water from substantial interference.

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

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

REMARKS: WELLS ARE IN HYDRAULIC CONNECTION W/ LARSON CR (ONLY 50' AWAY).
GROUND WATER PROBLEMS ELSEWHERE IN BEAR CR VALLEY (DEVELOPED IN
FRACTURED SANDSTONE SIMILAR TO THIS APPLICATION) RAISE SERIOUS QUESTIONS
WHETHER AQUIFER CAN SUPPORT 900 gpm. IF THIS PERMIT IS ISSUED IT SHOULD
AT LEAST CONTAIN CONDITION 4-G FOR RESOURCE PROTECTION MEASURES.

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. **THE WELL** which is the point of appropriation for this application does not meet current well construction standards based upon:
- a. ___ review of the well log;
 - b. ___ field inspection by _____;
 - c. ___ report of CWRE _____;
 - d. ___ other: (specify) _____
6. **THE WELL** construction deficiency:
- a. ___ constitutes a health threat under Division 200 rules;
 - b. ___ commingles water from more than one groundwater reservoir;
 - c. ___ permits the loss of artesian head;
 - d. ___ permits the de-watering of one or more groundwater reservoirs;
 - e. ___ other: (specify) _____
7. **THE WELL** construction deficiency is described as follows: _____
8. **THE WELL**
- a. ___ was, or _____ constructed according to the standards in effect at the time of
 - b. ___ was not _____ original construction or most recent modification.
 - c. ___ I don't know if it met standards at the time of construction.

RECOMMENDATION:

- A. ___ I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."
- B. ___ I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.
- C. ___ REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit.

_____, 1993.
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons: _____

_____, 1993.
(Signature)

CERTIFIED MAIL
Return Receipt Requested

WATER
RESOURCES
DEPARTMENT

October 20, 1995

ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD OREGON 97504

RE: Application File # G-13129

Hello:

On **September 21, 1995**, a letter was sent from the Department requesting additional information necessary to complete your application for water use. As of today, these items have not been received:

- ▶ Permit recording fees in the amount of \$402.
- ▶ A map showing the place where water is to be used and the point where water will be diverted. The map must identify the tax lot, township, range, section, and nearest quarter-quarters where the water will be diverted and used.

Please submit these items by **November 21, 1995**. If we do not receive the items requested above by this date, we will reject your application consistent with ORS Chapter 537. If your application is rejected, any fees submitted in excess of the examination fee will be refunded; however, the examination fee is non-refundable and will not be returned. In addition, the priority date associated with your application will be lost.

Should you have any questions regarding your application or the required materials listed above, or if you need to request an extension of time, please call me personally at 1-800-624-3199, extension 327.

Sincerely,

Dennis Oakes
Dennis Oakes
Completeness Specialist



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

WaterWatch

Delivered via FAX and regular mail

March 8, 1995

RECEIVED
MAR 22 1995
SALEM, OREGON

Oregon Water Resources Department
Water Rights Section
158 12th Street NE
Salem, Oregon 97310

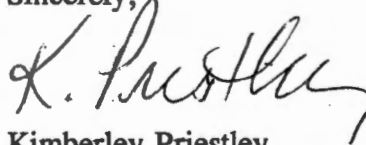
Re: Technical Reports for:
S70364, Rowland, Irrigation, Illinois
G13141, Dunn, Irrigation, Anderson Creek Basin
G13129, Rogue Valley Manor, Irrig. of Golf Course, Bear Creek Basin
69782, 69783, Hilligoss, Aesthetics, Antelope Creek
G12556, Broughton, Supp. Irrigation, Ditch Creek Basin
Rouge River Basin

Dear Water Rights Section:

WaterWatch supports the proposed rejection of these applications for the reasons outlined in the technical reports and other reasons. We request notification and copies of any objections that are filed to these technical reports, copies of the Department's response to objections and notice and opportunity to file protests if the Department decides to recommend issuance of these applications.

Thank you. Please call if you have any questions.

Sincerely,



Kimberley Priestley
Legal/Policy Analyst

WaterWatch

Delivered via FAX and regular mail

March 8, 1995

Oregon Water Resources Department
Water Rights Section
158 12th Street NE
Salem, Oregon 97310

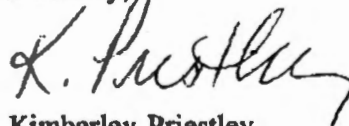
Re: Technical Reports for:
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WaterWatch supports the proposed rejection of these applications for the reasons outlined in the technical reports and other reasons. We request notification and copies of any objections that are filed to these technical reports, copies of the Department's response to objections and notice and opportunity to file protests if the Department decides to recommend issuance of these applications.

Thank you. Please call if you have any questions.

Sincerely,



Kimberley Priestley
Legal/Policy Analyst

TECHNICAL REVIEW CHECKLIST

10/7/94

- 1. Application: G-13129
- 2. Review Date: 12-14-94

S indicates information was completed or adequately addressed.
 U indicates information is needed, or incomplete, or inadequately addressed
 N/A indicates Not Applicable

SUMMARY	
<u>S</u>	Land Use
<u>NA/yes/no</u>	Substantial SW interference w/GW (if yes, see results of surface water availability analysis)
<u>S</u>	Conflicts SW 0102670000000
<u> </u>	Water Availability (<u>01026792910000000</u>) 80% <small>(Water Availability Sub-basin#)</small>
<u>U</u>	MAP FEES The application, map and supporting data are complete and free of defects.
<u>yes/NA</u>	A TMDL letter has been received for this source or tributary. If yes, the period of use has been adjusted.

3. S The applicant has certified that the information provided in the application is an accurate representation of the proposed use and is true and correct to the best of their knowledge. An oath is required before a permit is issued regardless of the application's priority date.

5. U Application fees:

Examination fee:	\$ 200.00
Recording fee:	\$ 403.20
TOTAL REQUIRED	\$ 603.20
TOTAL SUBMITTED	200.00
AMOUNT DUE prior to issuance of permit	<u>\$ 403.20</u>
AMOUNT OVERPAID	
refund due applicant	<u>\$ -</u>

6. S Proposed dates of beginning and completion of construction, and complete application of water.

7. U **LOCATION OF IRRIGATED LAND**
 A satisfactory map of the proposed place of water use prepared by a certified water right examiner, unless exempt under OAR 690-14-150(3). (A CWRE map is not required for applications filed before November 9, 1987.)

8. S A written copy of the legal description of the property on which the water is to be used.

- 9. N/A A copy of written authorization, contract or easement permitting access to the land or reservoir not owned by the applicant.
- 10. S No statement of ownership was required for applications filed before August, 1990.
- 11. S The proposed use is not restricted or prohibited by statute.
- 12. S The source of water is not withdrawn from appropriation by order of the State Engineer or Water Resources Commission, or legislatively withdrawn under ORS Chapter 538.
- 13. U One or more of the use(s) are allowed under the basin program; OAR 690 - _____.
 Uses applied for: SEE ATTACHED initials
 Discussion: _____

Water Quality Check

- 14. N/A DEQ has provided notice to the WRD concerning limitations of appropriation from surface water sources designated as TMDL streams. This application does not propose to approp water from a source that has been identified by the DEQ as a TMDL stream.
- 15. N/A This application proposes to appropriate water from a source that has been identified by the DEQ as a TMDL stream and has been limited so as not to impair water quality.

Land Use Compatibility: As expressed by the Planning Department of CITY OF MEDFORD

- 15. S The land uses to be served by proposed water uses (including proposed construction) are allowed or are not regulated by the local comprehensive plan (ordinance section 10.230 - 10.245).
- 16. N/A The land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals which have been obtained.
- 17. N/A The local government was notified, and sent no comment pursuant to the rules at the time; land use was presumed in compliance per such statement printed on the application.

For reservoir applications:

- 18. N/A Plans, specifications and supporting information for the dam and impoundment area must be approved by dam safety before a technical review is issued. Plans and specifications are not required for dams less than 10 feet in height and store less than 9.2 acre-feet. (OAR 690, Div 20) t:\chk5 10/7/94

APPLICATION NUMBER G13129

Basin Plan Information

U*

One or more of the use(s) are allowed under the basin program; OAR 690 - 515-003(i)(a).

GW
initials

Uses applied for: Irrigation (Golf Course & Landscaping)

Discussion: Bear Creek Basin closed to further surface water appropriation except water stored in excess of that needed to satisfy existing rights.

* Review for surface water classification for GW in hydraulic connection

Application No. 6-13129 Description of Water Use

Permit No.

Planning Official Initials: _____

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

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

Applicant Name: Rogue Valley Manor
 Address: 1200 Mira Mar Avenue
Medford, OR 97504
 Phone: 773-7411

RECEIVED
 SW
 JR
 SEP 22 1992
 WATER RESOURCES DEPT.
 1586-1 SALEM, OREGON

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

- Irrigation (crop type, golf course, nursery or greenhouse): 50 acres of golf course.
- Livestock (type of livestock, feedlot, slaughterhouse): _____
- Residential (# units, single or multi-family, # lots if partition or subdivision): _____
- Commercial (i.e., retail, office, restaurant, gas station, hotel, service, etc.): _____
- Industrial (i.e., factory, pulp mill, research and development, processing, etc.): _____
- Institutional (i.e., school, library, etc.): _____
- Mining (aggregate, metal, open pit, placer, etc.): _____
- Recreation (park, campsite, pond, etc.): _____
- Fish and Wildlife (pond, hatchery, etc.): _____
- Hydropower (dam, reservoir, power generating or transmitting facilities): _____
- Other (Name and list key characteristics): 111 acres of residential lawn sprinkling.

Indicate sources for the proposed water use below:	Indicate the estimated quantity of water the use will require.
<input checked="" type="checkbox"/> Surface Water Name sources: <u>Bear Creek</u>	_____ Cubic feet per second.
	<u>900</u> Gallons per minute.
	_____ Acre-Feet
<input checked="" type="checkbox"/> Reservoir or pond	
<input checked="" type="checkbox"/> Ground Water	

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

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

RECEIVED
SEP 22 1992

WATER RESOURCES DEPT.
SALEM, OREGON

Applicant's Name: Rogue Valley Manor
Address: 1200 Mira Mar Avenue
City: Medford State: OR Zip: 97504 Day Phone: 773-7411

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

Tax Lot or Local I.D.#	Plan Designation/Zoning (e.g. Rural Residential/RR-5)	Check All That Apply		
		Water Diverted	Water Conveyed	Water Use
See	Residential	xx	xx	xx
Attached				
Description				

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

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

For Local Government Use Only

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

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

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

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

Type of Land Use Approvals Needed (e.g.: plan amendments, rezones, conditional use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Please check the box that applies:		
		Already Obtained	Already Denied	Being Pursued Satisfactorily
Planned Unit Development	10.230 - 10.245	X		

(over)

Receipt for Request for Land Use Information

WRD Applicant Name: Rogue Valley Manor

This receipt must be signed by a local government representative and returned to the applicant for inclusion in the WRD application IF the local government can not provide the above requested land use information while the applicant waits.

City or County: City of Medford

Staff Contact: Mark Gallagher, Senior Planner Phone: 770-4475

Signature: Mark Gallagher Date of Information Request: 9-17-92

(For Local Use Continued)

b) Please provide printed name and written signature.

Name: Mark Gallagher
Title: Senior Planner

Date: 9-17-92
Phone: 770-4478

Signature: Mark Gallagher

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

Additional Comments:

Additional findings are available but are not included because they are very lengthy. The city has no concern about this proposal. *mg*

Lined area for additional comments.

IT IS HEREBY ORDERED that the petition be allowed and that the following described lands be, and the same hereinafter are, included with in the boundaries of the Medford Irrigation District as hereinafter set forth:

ROGUE VALLEY MANOR

1-1667-5 37-1W-32-D TAX LOT 1000 .8 acres

1-1759-1 38-1W-05 TAX LOT 100 3.2 acres

All that part of the following described tract lying Northeasterly of the Northeasterly right of way line of the relocated Pacific Highway (U.S. Interstate No. 5), as said highway is described in Volume 503, Page 11, Jackson County, Oregon, Deed Records, to-wit: Beginning at a 5/8" x 24" iron pin on the East boundary of Donation Land Claim No. 46, in Township 37 South, Range 1 West, Willamette Meridian, Jackson County, Oregon, said pin being South, 845.5 feet from the Northeast corner of said Donation Land Claim; thence South, 587.5 feet along the East line of said Donation Land Claim; thence South 51 30' East, 591.4 feet; thence East, 537.8 feet, to a 5/8" x 20" iron pin; thence North, 955.7 feet, to a 5/8" x 20" iron pin; thence West, 1000.6 feet, to the point of beginning.

That portion of the following described parcel in Township 37 South, Range 1 West, Section 32 and Township 38 South, Range 1 West, Section 5 of the Willamette Meridian, lying Northeasterly of the Interstate 5 Freeway as it exists on January 1, 1990:

Donation Land Claim No. 48, Township 37 South, Range 1 West of the Willamette Meridian and that part of the West Half of Donation Land Claim No. 38, and Government Lots 2 and 3, in Section 5, Township 38 South, Range 1 West of the Willamette Meridian, described as follows:

Beginning at a point 5.37 chains West of the corner common to Sections 32 and 33, Township 37 South, Range 1 West of the Willamette Meridian, and Sections 4 and 5, Township 38 South, Range 1 West of the Willamette Meridian, thence North 7.90 chains, thence West 34.25 chains, thence South 7.94 chains, thence continue South along the West line of Donation Land Claim No. 38, Township 38 South, Range 1 West of the Willamette Meridian, 1380.15 feet, thence East 24.35 feet to the point of beginning of the property described in Volume 333, at Page 139, Deed Records of Jackson County, thence North parallel with the West line of said Donation Land Claim No. 38, 316.42 feet, thence North 52 09' East 506.06 feet, thence South 37 51' East 650 feet, thence South 52 09' West 760 feet to intersect the Southwesterly line of the Pacific Highway, thence South 37 51' East along said Southwesterly line of the Pacific Highway to the most Easterly corner of the property as described in Volume 275, at Page 378, Deed Records of Jackson County, thence South 52 09' West along the Southeasterly line of said property, 300.35 feet to the Northeasterly line of the Southern Pacific Railroad right of way, thence South 35 07' East along said right of way line to the most Westerly corner of the property as described in Volume 333, at Page 31, said Deed Records, thence North 50 45' East along the Northwesterly line of said property to the Southwesterly line of the Pacific Highway, 287.25 feet, more or less, to intersect the West line of Donation Land Claim No. 40, thence North 500.40 feet to the Northwest corner of Donation Land Claim No. 40, thence East along the North line of said Claim to the Southwest corner of the property as described in Volume 241, at Page 572, said Deed Records, thence North 20 chains, thence West 11.56 chains, thence North 12.10 chains to the point of beginning.

1-2178-4 37-1W-32-D TAX LOT 603 25.6 acres

That tract or parcel of land situated in the East half of Section 32, Township 37 South, Range 1 West, Willamette Meridian, Jackson County, Oregon, more fully described as follows:

Beginning at the Northeast corner of Donation Land Claim No. 46, Township 37 South, Range 1 West, Willamette Meridian, Jackson County, Oregon; thence along the West line of Donation Land Claim No. 51, North 0 12' 30" West, 662.40 feet (record 662.30 feet), to a 5/8" iron bolt in concrete; thence along the South line of PARK TERRACE SUBDIVISION, and its Easterly projection thereof, South 89 57' 20" East (record North 89 56' East), 965.735 feet, to a 5/8" iron pin; thence South 0 12' 30" East, 1508.30 feet, to a 5/8" iron pin;

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ON THE NORTHEASTERLY RIGHT OF WAY LINE OF INTERSTATE NO. 5. THENCE ALONG SAID NORTHEASTERLY RIGHT OF WAY LINE, NORTH 48 51'05" WEST, 7.24 FEET, TO A 5/8" IRON PIN; THENCE NORTH 39 45'40" WEST, 978.00 FEET, TO A 5/8" IRON PIN ON THE WEST LINE OF SAID DONATION LAND CLAIM NO. 51; THENCE ALONG SAID WEST LINE, NORTH 0 05'30" WEST, 89.66 FEET, TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION OF THE ABOVE DESCRIBED PROPERTY DEEDED TO JACKSON COUNTY, OREGON, BEING A PORTION OF THE ROAD KNOWN AS ELLENDALE DRIVE, BY INSTRUMENT RECORDED AUGUST 30, 1963, IN VOLUME 552, PAGE 215, JACKSON COUNTY, OREGON, DEED RECORDS.

1-62260-3 38-1W-04 TAX LOT 1101 7.2 acres

1-62259-8 37-1W-33 TAX LOT 605 8.3 acres

COMMENCING AT THE EAST-SOUTHEAST CORNER OF DONATION LAND CLAIM NO. 51, TOWNSHIP 37 SOUTH, RANGE 1 WEST OF THE WILLAMETTE MERIDIAN IN JACKSON COUNTY, OREGON; THENCE SOUTH 2217.35 FEET; THENCE EAST 886.95 FEET TO A 8" DIAMETER BY 24" LONG CONCRETE MONUMENT WITH BRONZE DISK LOCATED AT THE MOST SOUTHERLY CORNER OF LOT 1, BLOCK 12 OF MONT CREST SUBDIVISION, UNIT NO. 3 (RECORDED) FOR THE TRUE POINT OF BEGINNING; THENCE SOUTH 53 36'40" WEST, 193.62 FEET; THENCE SOUTH 43 50' WEST 190.00 FEET; THENCE SOUTH 4 10' EAST, 563.00 FEET; THENCE SOUTH 25 25' WEST 465.00 FEET; THENCE SOUTH 11 30' WEST 231.00 FEET; THENCE SOUTH 26 55' EAST, 35.00 FEET; THENCE SOUTH 63 05' WEST, 407.51 FEET TO INTERSECT THE NORTHEASTERLY RIGHT-OF-WAY LINE OF INTERSTATE HIGHWAY NO. 5; THENCE ALONG SAID HIGHWAY LINE, SOUTH 36 05'10" EAST 364.23 FEET TO A LEAD PLUG WITH TACK SET IN CONCRETE (WHICH BEARS SOUTH, 4187.17 FEET AND EAST 261.79 FEET FROM THE SAID EAST-SOUTHEAST CORNER OF DONATION LAND CLAIM NO. 51); THENCE NORTH 41 24'24" EAST 258.02 FEET; THENCE SOUTHEASTERLY ALONG A CURVE CONCAVE TO THE NORTH RADIUS OF 75 FEET, A DISTANCE OF 54.13 FEET WITH A CENTRAL ANGLE 41 20'54"; THENCE SOUTH 89 56'30" EAST 29.62 FEET; THENCE NORTH 0 3'30" EAST 105.00 FEET; THENCE SOUTH 89 56'30" EAST 102.68 FEET; THENCE NORTH 0 3'30" EAST 10 FEET; THENCE SOUTH 89 56'30" EAST 240.50 FEET; THENCE SOUTH 0 03'30" WEST, 28.00 FEET; THENCE SOUTH 89 56'30" EAST 125.00 FEET; THENCE NORTH 0 03'30" EAST 677.62 FEET; THENCE NORTH 2 43'07" EAST 51.34 FEET; THENCE NORTH 0 03'30" EAST 109.03 FEET; THENCE NORTH 56 21'00" WEST 52.75 FEET; THENCE NORTH 15 49'31" EAST 50.94 FEET; THENCE NORTH 3 40'00" WEST 90.02 FEET; THENCE NORTH 3 44'30" WEST 79.31 FEET; THENCE NORTH 23 10'00" EAST 132.11 FEET; THENCE NORTH 26 10'59" EAST 50.07 FEET; THENCE NORTH 23 10'00" EAST 133.01 FEET; THENCE NORTH 37 56'00" WEST 85.00 FEET TO THE TRUE POINT OF BEGINNING.

1-2178-4 37-1W-32-A TAX LOT 3300 11.8 acres

BEING A PORTION OF DONATION LAND CLAIM NO. 51, IN SECTION 32, TOWNSHIP 37 SOUTH, RANGE 1 WEST OF THE WILLAMETTE MERIDIAN, IN THE CITY OF MEDFORD, JACKSON COUNTY, OREGON, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT 30 FEET EAST OF THE SOUTHEAST CORNER OF DONATION LAND CLAIM NO. 50 IN SAID SECTION 32; AND RUNNING THENCE NORTH ALONG THE EAST BOUNDARY OF THE COUNTY ROAD, 275.2 FEET; THENCE EAST, 489.0 FEET; THENCE NORTH, 207.0 FEET TO THE CENTER LINE OF A CREEK; THENCE NORTH 89 13' EAST, 316.0 FEET ALONG THE CENTER LINE OF SAID CREEK; THENCE FOLLOWING THE CENTER LINE OF SAID CREEK IN A GENERAL COURSE NORTH 72 20' EAST, 281.78 FEET; THENCE SOUTH, 912.47 FEET; THENCE WEST, 1073.53 FEET TO THE EAST LINE OF THE COUNTY ROAD AND 30 FEET EAST OF THE WEST LINE OF SAID DONATION LAND CLAIM NO. 51; THENCE NORTH ALONG SAID EAST LINE OF THE COUNTY ROAD, 340.45 FEET TO THE POINT OF BEGINNING.

SAVE AND EXCEPT THAT PART LYING WITHIN PARK TERRACE SUBDIVISION AND THAT PART LYING WITHIN THE AMENDED PLAT OF BLOCK 3 AND LOTS 1 AND 10, BLOCK 2 OF PARK TERRACE SUBDIVISION, RECORDED PLATS OF JACKSON COUNTY, OREGON.

TOGETHER WITH THAT PART OF PARKDALE DRIVE VACATED BY THE CITY OF MEDFORD ORDINANCE NO. 8433, AS SET FORTH IN VOLUME 536, PAGE 184, JACKSON COUNTY, OREGON, DEED RECORDS, AND FURTHER DEFINED IN QUITCLAIM DEEDS RECORDED AS DOCUMENT NOS. 77-08522, 77-05823 AND 77-05824, OFFICIAL RECORDS OF JACKSON COUNTY, OREGON.

1-2175-0 37-1W-32-D TAX LOT 600 43.6 acres

1-2183-2 37-1W-33 TAX LOT 600 42.6 acres

1-2486-2 38-1W-04 TAX LOT 1100 3.6 acres

COMMENCING AT THE EAST-SOUTHEAST CORNER OF DONATION LAND CLAIM NO. 51, TOWNSHIP 37 SOUTH, RANGE 1 WEST, WILLAMETTE MERIDIAN, JACKSON COUNTY, OREGON; THENCE ALONG THE SOUTHERLY BOUNDARY OF SAID CLAIM, NORTH 89 51'40" WEST, 410.10 FEET, TO THE NORTHWEST CORNER OF THE ARGONNE WAY RIGHT OF WAY (SEE INSTRUMENT NO. 78-07951, OFFICIAL RECORDS OF JACKSON COUNTY, OREGON), FOR THE TRUE POINT OF BEGINNING; THENCE ALONG THE WESTERLY END OF SAID WAY, AND TO AND ALONG THE WESTERLY BOUNDARY OF CASTLE RIDGE ESTATES (RECORDED), SOUTH 0 04' EAST, 679.79 FEET, TO THE NORTHEAST CORNER OF THE SHANNON DRIVE RIGHT OF WAY;

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thence along the Northern end of said drive, South 89 5 West, 60.00 feet, to the Northeast corner of tract described in Volume 448 Page 124, Jackson County, Oregon, Deed Records (also being Southeast corner of Tract "B", as described in Volume 498, Page 506, said Deed Records); thence North 0 04' West 90.00 feet, to the Northeast corner of said Tract "B"; thence North 89 51' 40" West, 150.00 feet, to the Northwest corner of said Tract "B"; thence South 0 04' East, 90.00 feet, to a 3/4" iron pin, located at the Southwest corner of said Tract "B"; thence along the Northwesterly Boundary of said tract described in Volume 448, Page 124, said Deed Records, as follows: South 81 40' West, 134.00 feet, to a 3/4" iron pin; South 57 40' West, 136.00 feet, to a 3/4" iron pin; South 27 40' West, 140.00 feet, to a 3/4" iron pin, located at the Northerly corner of parcel described in Instrument No. 77-20144, said Official Records; thence South 24 06' 20" West, 151.91 feet, to the Southwest corner of said parcel; thence along the Westerly and Southerly boundary of Tract "A", as described in Volume 498, Page 506, said Deed Records, as follows: South 07 42' 49" West, 227.24 feet; South 01 12' West, 361.76 feet; South 39 35' East, 479.41 feet; North 57 26' 30" East, 150.00 feet, to a 3/4" iron pin, located at the most Westerly corner of tract described in Volume 460, Page 373, said Deed Records; thence South 41 44' 30" East, 60.37 feet, to a 3/4" iron pin, located at an angle point on the Southwesterly boundary of said tract; thence 20.00 feet, more or less, to the Northwesterly corner of that tract described in Volume 590, Page 207, said Deed Records; thence South 60 31' 30" West, 6.00 feet; thence South 07 11' 05" East, 116.30 feet; thence North 64 06' East, 25.17 feet, to the most Southerly corner of said tract described in Volume 590, Page 207, said Deed Records; thence South 16 35' 00" East, 65.41 feet; thence South 70 49' 10" West, 35.29 feet, to the Northwest corner of tract described in Instrument No. 70-11451, said Official Records; thence South 16 35' East, 70.00 feet, to the Southwest corner of said tract; thence North 80 54' East, 177.53 feet, to the Southeast corner of said tract; thence North 01 35' West, 54.21 feet, to a point of curve on the Easterly boundary of said tract; thence 50.79 feet, on the arc of a 370.00 foot radius curve left (the long chord bears North 05 31' West, 50.75 feet), to the Northeast corner of said tract; thence North 70 49' 10" East, 7.22 feet, to the most Easterly corner of said parcel described in Volume 599, Page 121, said Deed Records; thence 295.00 feet, on the arc of a 1402.40 foot radius curve left (the long chord bears North 25 12' 20" West, 294.455 feet), to a 3/4" iron pin, located at the most Northerly corner of said tract described in Volume 460, Page 373, said Deed Records; thence along the Southeasterly boundary of said tract described in Volume 448, Page 124, said Deed Records, as follows; North 62 28' 30" East, 60.12 feet, to a 3/4" iron pin; North 62 58' 10" East, 177.83 feet, to a 3/4" iron pin; 162.60 feet, on the arc of a 542.96 foot radius curve left (the long chord bears North 54 23' 25" East, 161.99 feet), to a 3/4" iron pin; thence North 45 48' 40" East, 18.65 feet, to a 3/4" iron pin, located at the most Easterly corner of said tract; thence along the Southwesterly right of way line of Shannon Drive, 61.44 feet, on the arc of a 1402.40 foot radius curve right (the long chord bears South 31 45' 40" East, 61.44 feet); thence along the Southeasterly right of way line of Mira Mar Avenue, North 45 48' 55" East, 63.21 feet, to a 3/4" iron pin, located on the Westerly boundary of Lot 1, Block 7, MONT CREST SUBDIVISION - UNIT NO. 2 (recorded); thence 12.04 feet, on the arc of a 8.00 foot radius curve left (the long chord bears South 02 42' 58" West, 10.93 feet); thence South 40 23' East, 117.78 feet, to the most Southerly corner of said Lot 1; thence North 45 48' 55" East, 780.98 feet, to the initial point of MONT CREST SUBDIVISION - UNIT NO. 3 (recorded); thence along the Southwesterly boundary of said subdivision, as follows: South 44 11' 05" East, 105.00 feet; South 35 11' 05" East, 270.00 feet; South 54 48' 55" West, 100.00 feet; South 30 00' East, 440.00 feet; South 49 16' 40" West, 160.78 feet; South 07 38' West, 60.69 feet; South 17 04' West, 100.00 feet; South 55 56' East, 90.00 feet, to the most Southerly corner of Lot 1, Block 12, said subdivision; thence along the Westerly boundary of tract described in Instrument No. 78-26068, said Official Records, as follows: South 53 36' 40" West, 193.62 feet; South 43 50' West, 190.00 feet; South 04 10' East, 563.00 feet; South 25 25' West, 465.00 feet; South 11 30' West, 231.00 feet; South 26 55' East, 35.00 feet; South 63 05' West, 407.51 feet, to intersect the Northeasterly right of way line of Interstate Highway No. 5; thence along said highway line, North 36 05' 10" West, 76.59 feet, to a point 220 feet Northeasterly, at right angles from the center line of said highway, at Station 940+00; thence along said highway line, North 39 45' 30" West, 499.86 feet, to a point 220 feet Northeasterly, at right angles from the center line of said highway, at Station 935+00; thence along said highway line, North 43 05' 45" West, 112 feet, more or less, to intersect the East boundary of Donation Land Claim No. 48, said Township and Range; thence Northerly, 500 feet, more or less, to the Northeast corner of said claim; thence Westerly, along the North boundary of said claim, 470 feet, more or less, to intersect the Northeasterly right of way line of said Interstate Highway No. 5;

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less, to a point 150 feet northeasterly, at right angles in the center. line of said highway, at station 923+00; thence along said highway line, North 3. 25" West, 820.07 feet, to intersect the east boundary of parcel described in Volume 503, Page 5, said Deed Records; thence North 0 05'35" West, 433.66 feet, to a 5/8" iron pin, located at the Northeast corner of said parcel; thence along the North boundary of said parcel, North 89 55'50" West, 34.15 feet, to a 5/8" iron pin, located at the Southeast corner of tract described in Instrument No. 68-03150, said Official Records; thence North 0 12'35" West, 1508.30 feet, to a 5/8" iron pin, located at the Northeast corner of said tract; thence to and along the Southerly boundary of SUN OAKS, PHASES III and IV (recorded), South 89 57'20" East, 497.446 feet, to the ell corner to said Donation Land Claim No. 51; thence along the Southerly boundary of said claim, South 89 51'40" East, 795.91 feet, to the true point of beginning.

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That portion of the following described parcel in Township 37 South, Range 1 West, Section 32 and Township 38 south, Range 1 West, Section 5 of the Willamette Meridian, lying Northeasterly of the Interstate 5 Freeway as it exists on January 1, 1990:

Donation Land Claim #48, Township Thirty-seven South, Range One West of the Willamette Meridian, and that part of the West Half of Donation Land Claim #38, and Government Lots 2 and 3, in Section Five, Township Thirty-eight South, Range One West of the Willamette Meridian, described as follows:

Beginning at a point 5.37 chains West of the corner common to Sections Thirty-two and Thirty-three, Township Thirty-seven South, Range One West of the Willamette Meridian, and Sections Four and Five, Township Thirty-eight South, Range One West of the Willamette Meridian, thence North 7. 90 chains, thence West 34.25 chains, thence South 7.94 chains, thence continue South along the West line of Donation Land Claim #38, Township Thirty-eight South, Range One West of the Willamette Meridian, 1380.15 feet, thence East 24.35 feet to the point of beginning of the property described in Volume 333, at page 139, Deed Records of Jackson County, thence North parallel with the West line of said Donation Land Claim #38, 316.42 feet, thence North 52 09' East 506.06 feet, thence South 37 51' East 650 feet, thence South 52 09' West 760 feet to intersect the Southwesterly line of the Pacific Highway, thence South 37 51' East along said Southwesterly line of Pacific Highway to the most Easterly corner of the property as described in Volume 275, at page 378, Deed Records of Jackson County, thence South 52 09' West along the Southeasterly line of said property, 300.35 feet to the Northeasterly line of the Southern Pacific Railroad right of way, thence South 35 07' East along said right of way line to the most Westerly corner of the property as described in Volume 333, at page 31, said Deed Records, thence North 50 45' East along the Northwesterly line of said property to the Southwesterly line of the Pacific Highway, thence South 37 51' East along said Southwesterly line of the Pacific Highway, 287.25 feet, more or less, to intersect the West line of Donation Land Claim #40, thence East along the North line of said Claim to the Southwest corner of the property as described in Volume 241, at page 572, said Deed Records, thence North 20 chains, thence West 11.56 chains, thence North 12.10 chains to the point of beginning.

1-2177-6 37-1W-32-D TAX LOT 602 .2 acres

Commencing at the East-Southeast corner of Donation Land Claim No. 51, Township 37 South, Range 1 West, Willamette Meridian, Jackson County, Oregon; thence South, 1901.53 feet; thence West 421.39 feet, to a 3/4" iron pin, located at the most Easterly corner of tract described in Volume 460, Page 373, Jackson County, Oregon, Deed Records; thence 120.00 feet, along the arc of a curve right (which arc has a radius of 1402.40 feet, and a long chord of South 25 06'10" East, 119.97 feet), to a 3/4" iron pin, for the true point of beginning; thence South 64 06' West, 167.54 feet; thence South 16 35' East, 65.41 feet; thence North 70 49'10" East, 171.93 feet; thence 85.00 feet, along the arc of a curve left (which arc has a radius of 1402.40 feet, and a long chord of North 20 55' West, 84.99 feet), to the true point of beginning.

1-2179-2 37-1W-32-D TAX LOT 604 .2 acres

Commencing at the east-southeast corner of donation land claim No. 51, township 37 south, range 1 west, Willamette Meridian, Jackson County, Oregon; thence south, 1901.53 feet; thence West, 421.39 feet, to a 3/4" iron pin, located at the most easterly corner of tract described in volume 460, page 373, Jackson County, Oregon, deed records; thence 120.0 feet, along the arc of a curve right (which arc has a radius of 1402.40 feet, and a long chord of south 25 06'10" east, 119.97 feet), to a 3/4" iron pin located at the point of compound curve;

the true point of beginn g; thence south 70 49'10" west, 30.00 feet; thence 16 35'00" east, 70.00 feet; thence 80 54'00" east, 177.53 feet; thence north 01 35'00" west, 54.21 feet; thence 50.79 feet, along the arc of a curve left (which arc has a radius of 370.00 feet, and a long chord of north 05 31'00" west, 50.75 feet), to the true point of beginning.

1-2174-3 37-1W-32-D TAX LOT 400 13.8 acres .

Tract A: Commencing at the east southeast corner of Donation Land Claim No. 51 in Township 37 South, Range 1 West of the Willamette Meridian in Jackson County, Oregon, thence North 89 51'40" West along the south boundary of said Claim 470.0 feet, thence South 0 04' East 680.0 feet, thence North 89 51'40" West 150.0 feet, thence South 81 40' West 134.0 feet, thence South 57 40' West 136.0 feet, thence South 27 40' West 140.0 feet, thence South 4 53'20" West 143.97 feet to a 3/4" iron pin, the TRUE POINT OF BEGINNING; thence South 5 29'20" West 215.06 feet; thence South 6 02'10" East 283.0 feet; thence South 41 44'30" East 503.0 feet; thence South 57 26'30" West 150.0 feet; thence North 39 35' West 479.41 feet; thence North 1 12' East 361.76 feet; thence North 7 42'49" East 227.24 feet; thence South 84 30'40" East 50.0 feet to the true point of beginning.

TRACT B: Commencing at the east southeast corner of Donation Land Claim no. 51 in Township 37 South, Range 1 West of the Willamette Meridian in Jackson County, Oregon, thence North 89 51'40" West along the south boundary of said Claim 470.0 feet, thence South 0 04' East 590.0 feet to a 3/4" iron pin, the true point of beginning; thence South 0 04' East 90.0 feet; thence North 89 51'40" West 150.0 feet; thence North 0 04' West 90.0 feet; thence South 89 51'40" East 150.0 feet to the true point of beginning.

IT IS FURTHER ORDERED that, pursuant to O.R.S. 545.594, if no protest been filed with the Board within thirty (30) days from the date of this order, that a certified copy of the entry of this order be entered in the minutes of the Board of Directors including such lands and that it be certified by the Secretary of the Board and filed for record in the office of the County Clerk of Jackson County, Oregon.

DATED: June 18, 1990

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WATER RESOURCES DEPT.
SALEM, OREGON

Edward Earnest
Edward Earnest, President

ATTEST:

Mike Russell
Mike Russell, Director

Randy Moore
Randy Moore, Manager

Richard Payne
Richard Payne, Director

Jackson County, Oregon
Recorded
OFFICIAL RECORDS

1:30 AUG 10 1990 P M.

KATHLEEN S. BECKETT
CLERK and RECORDER

Samuel P. [Signature] Deputy



WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS & PLANNERS

Application No. 6-13129

Permit No. **RECEIVED**

SEP 22 1992

TO: Water Rights Division
Water Resources Dept.
3850 Portland Rd. N.E.
Salem OR 97310

DATE: 11-21-92
WATER RESOURCES DEPT.
SALEM, OREGON

JOB NO./PROJECT:
Rogue Valley Mayor, Medford OR
Ground Water Application

ENCLOSED ARE:

COPIES DESCRIPTION

1 Application re-submitted,
to Appropriate
Ground Water

THESE ARE TRANSMITTED:

- For Approval
- As Requested
- For Your Use
- Other

REMARKS:

Land use statement included.

COPIES TO:

WESTECH ENGINEERING, INC

BY:

Application No. 6-13129
Permit No.



WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS & PLANNERS

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WATER RESOURCES DEPT.
SALEM, OREGON

September 3, 1992

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SEP 22 1992

WATER RESOURCES DEPT.
SALEM, OREGON

Jackson County Court House
10 S. Oakdale, Rm 100
Medford, OR 97501

RE: Rogue Valley Manor, Medford, Oregon - Land use Compatibility Information
J.O. 1586.000.0

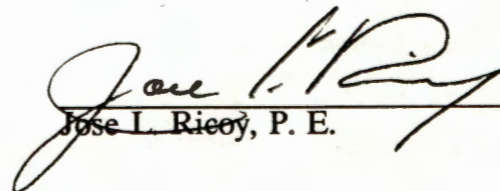
Gentlemen:

Enclosed please find a land use information form, a Description of Water Use and a copy of the legal description of property for the Rogue Valley Manor.

The enclosed material is part of the application for a permit to Appropriate Ground Water required by the Water Resources Department for five wells located in the Rogue Valley Manor property. Please return the receipt for Request for Land use Information as soon as possible for our inclusion in the Water Resources Department Application.

Sincerely,

WESTECH ENGINEERING, INC.


Jose L. Ricoy, P. E.

JLR/als

Enclosure

cc: Mr. Brian McLemore

Application No. 6-13129
Permit No.



WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS & PLANNERS

September 3, 1992

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WATER RESOURCES DEPT.
SALEM, OREGON

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SEP - 8 1992

WATER RESOURCES DEPT.
SALEM, OREGON

Water Rights Division
Water Resources Department
3850 Portland Road NE
Salem, OR 97310

RE: Rogue Valley Manor, Medford, Oregon - Ground Water Application
J.O. 1586.000.0

Gentlemen:

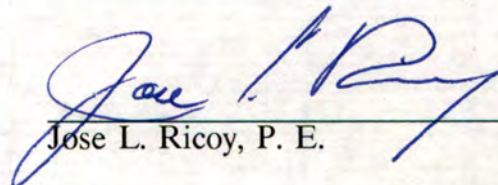
Enclosed please find an application for a permit to Appropriate Ground Water for Rogue Valley Manor in Medford, Oregon with the additional supporting documents:

1. Copy of the well driller's log for Well Nos. 1 and 2.
2. Description of water delivery system.
3. Certified Water Right Examiner map.
4. Copy of legal description of property.
5. Copy of letter to Jackson County for the land use compatibility information.
6. A check for \$200 paid to the order of Water Resources Department to cover the examination fees.

If there is any further information required concerning this application, we would appreciate it if you would direct your inquires to this office.

Sincerely,

WESTECH ENGINEERING, INC.



Jose L. Ricoy, P. E.

JLR/als
Enclosure
cc: Mr. Brian McLemore



WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS & PLANNERS

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WATER RESOURCES DEPT.
SALEM, OREGON

September 24, 1992

Application No. 6-13129
Permit No.

Mr. Dave Marco
Water Rights Division
Water Resources Department
3850 Portland Road NE
Salem, OR 97310

RE: Rogue Valley Manor, Medford, Oregon - Ground Water Application
J.O. 1586.000.0

Dear Mr. Marco:

Per your request, the following data is a breakdown of the 161 acres of golf course and residential lawn by quarter sections for the Rogue Valley Manor.

Section 32, T. 37 S., R. 1W., W.M.
1/4 SE 1/4 NW - 8.50 acres
1/4 NW 1/4 NE - 6.60 acres
1/4 SW 1/4 NE - 24.10 acres
1/4 SE 1/4 NE - 10.10 acres
1/4 NW 1/4 SE - 14.80 acres
1/4 NE 1/4 SE - 29.30 acres
1/4 SW 1/4 SE - 1.0 acres
1/4 SE 1/4 SE - 25.00 acres

Section 33, T. 37 S., R. 1W., W.M.
1/4 NW 1/4 SW - 7.30 acres
1/4 SW 1/4 SW - 24.80 acres

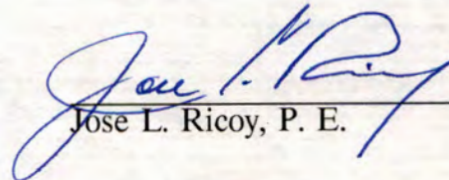
Section 4, T. 38 S., R. 1W., W.M.
1/4 NW 1/4 NW - 6.60 acres

Section 5, T. 38 S., R. 1W., W.M.
1/4 NE 1/4 NE - 3.50 acres

Please call if you have any questions regarding this matter.

Sincerely,

WESTECH ENGINEERING, INC.


Jose L. Ricoy, P. E.

JLR/als

WaterWatch

O F O R E G O N

RECEIVED

OCT - 5 1992

WATER RESOURCES DEPT.
SALEM, OREGON

October 2, 1992

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

RE: Application for Permit #G13129, Rogue Valley Manor
Bear Cr. Basin, Jackson Co., 2.01 cfs, Irr.

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

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

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

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

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

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

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

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

Sincerely,

Jim Myron

bc:

**Oregon Water Resources Department
Water Rights Division**

Water Rights Application
Number G-13129

Proposed Final Order

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

Additional Items Required: Prior to continuing the process the Department must receive a map depicting the location and number of acres per 1/4 1/4 section that are proposed to be primary and supplemental.

Application History

On September 22, 1992, ROGUE VALLEY MANOR submitted an application to the Department for the following water use permit:

- Amount of Water: 2.01 CUBIC FEET PER SECOND
- Use of Water: IRRIGATION OF 174.8 ACRES
- Source of Water: FIVE WELLS IN BEAR CREEK BASIN
- Area of Proposed Use: Jackson County within SECTION 32, TOWNSHIP 37 SOUTH, RANGE 1 WEST, W.M.

The Department mailed the applicant notice of its Technical Review December 28, 1994, determining that the wells are in hydraulic connection with surface water in the Bear Creek basin, water is not available year round in the Bear Creek basin, and the Bear Creek basin is closed to further appropriations. The 60 day objection period closed March 8, 1995.

Within the 60-day objection period, objections were received from the applicant.

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

- comments by or consultation with another state agency
- any applicable basin program
- any applicable comprehensive plan or zoning ordinance
- the amount of water available
- the rate and duty for the proposed use
- pending senior applications and existing water rights of record
- designations of any critical groundwater areas
- the Scenic Waterway requirements of ORS 390.835

- applicable statutes, administrative rules, and case law
- any general basin-wide standard for flow rate and duty of water allowed
- the need for a flow rate and duty higher than the general standard
- any comments received

Findings of Fact

Based on continued evaluation, the Department finds the determinations of the Technical Review require modifications. Originally the application was denied due to the potential for substantial interference with surface waters within the Bear Creek basin. On May 29, 1997, EMCON submitted the results of an aquifer study determining that the wells, as proposed, do not have the potential for substantial interference. The Department has evaluated the results of the study and now agrees that the wells, as proposed, do not have a potential for substantial interference with surface water. Therefore, the use of water for irrigation may be allowed.

The Rogue Basin Program allows the following uses: IRRIGATION

FIVE WELLS IN BEAR CREEK BASIN are above a State Scenic Waterway.

An assessment of water availability has been completed by the Department's groundwater section. A copy of this assessment is in the file. This assessment determined that water is available for further appropriation.

The Department finds that no more than 2.01 CFS would be necessary for the proposed use. The amount of water requested, 2.01 CFS, being 0.402 CFS from each well, is allowable.

The Department determined, based upon OAR 690-09, that the proposed groundwater use will, if properly conditioned, adequately protect the surface water from interference.

The Groundwater Section finds that there is NOT a preponderance of evidence that the proposed use of groundwater will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

Conclusions of Law

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

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

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

Water is available for the proposed use.

The proposed use will not injure other water rights.

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

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

For these reasons, the required presumption has been established.

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

- (a) One or more of the criteria for establishing the presumption are not satisfied; or
- (b) The proposed use would not ensure the preservation of the public welfare, safety and health as demonstrated in comments, in a protest . . . or in a finding of the department that shows:
 - (A) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected; and
 - (B) Specifically how the identified aspect of the public welfare, safety and health under ORS 537.525 would be impaired or be adversely affected.

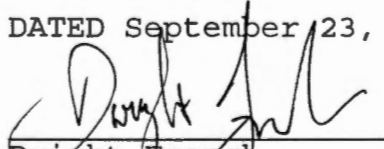
In this application, all criteria for establishing the presumption have been satisfied, as noted above. The presumption has not been overcome by a preponderance of evidence that the proposed use would impair or be detrimental to the public interest.

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

Recommendation

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

DATED September 23, 1997


Dwight French
Water Rights Section Manager

Protest Rights

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

- Your name, address, and telephone number;
- A description of your interest in the proposed final order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in this proposed final order would impair or be detrimental to your interest;
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known; and
- If you are not the applicant, the \$200 protest fee required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting a contested case hearing. If you do not request a hearing, the Department will presume that you do not wish to contest the findings of the proposed final order.
- If you do not protest this Proposed Final Order and if no substantive changes are made in the final order, you will not have an opportunity for judicial review, protest or appeal of the final order when it is issued.

Your protest must be received in the Water Resources Department no later than **November 7, 1997**.

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

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

RWK-114

DRAFT

This is not a permit!!!
STATE OF OREGON

DRAFT

COUNTY OF JACKSON

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

ROGUE VALLEY MANOR
1200 MIRA MAR AVE
MEDFORD, OREGON 97504

(503) 773-7411

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

APPLICATION FILE NUMBER: G-13129

SOURCE OF WATER: FIVE WELLS IN BEAR CREEK BASIN within the Rogue basin

PURPOSE OR USE: IRRIGATION OF 111.6 ACRES AND SUPPLEMENTAL IRRIGATION OF 63.2 ACRES

MAXIMUM RATE: 2.01 CUBIC FOOT PER SECOND, BEING 0.402 CFS FROM EACH WELL

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31 FOR PRIMARY IRRIGATION AND APRIL 1 THROUGH OCTOBER 31 FOR SUPPLEMENTAL IRRIGATION

DATE OF PRIORITY: SEPTEMBER 22, 1992

POINT OF DIVERSION LOCATION: NW 1/4 NE 1/4, SW 1/4 NE 1/4, SECTION 32, T37S, R1W, W.M.; WELL 1 - 1578 FEET NORTH AND 577 FEET EAST; WELL 2 - 1588 FEET NORTH AND 820 FEET EAST; WELL 3 - 1636 FEET NORTH AND 1063 FEET EAST; WELL 4 - 998 FEET NORTH AND 627 FEET EAST; WELL 5 - 588 FEET NORTH & 434 FEET EAST ALL FROM C1/4 CORNER, SECTION 32

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2 1/2 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

	<u>PRIMARY</u>	<u>SUPPLEMENTAL</u>
NW 1/4 NE 1/4		8.8 ACRES
SW 1/4 NE 1/4	2.0 ACRES	27.3 ACRES
SE 1/4 NE 1/4	5.1 ACRES	5.0 ACRES
SE 1/4 NW 1/4	8.5 ACRES	
NE 1/4 SE 1/4	29.3 ACRES	
NW 1/4 SE 1/4	20.6 ACRES	
SW 1/4 SE 1/4	1.0 ACRE	
SE 1/4 SE 1/4	24.0 ACRES	1.0 ACRE
SECTION 32		

	<u>PRIMARY</u>	<u>SUPPLEMENTAL</u>
NW 1/4 SW 1/4	7.3 ACRES	
SW 1/4 SW 1/4	24.3 ACRES	0.5 ACRE
SECTION 33		
TOWNSHIP 37 SOUTH, RANGE 1 WEST, W.M.		
NW 1/4 NW 1/4	6.6 ACRES	
SECTION 4		
NE 1/4 NE 1/4	3.5 ACRES	
SECTION 5		
TOWNSHIP 38 SOUTH, RANGE 1 WEST, W.M.		

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

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

If the number, location, or construction of any well deviates from that proposed in the permit application or permit conditions, the conclusions of the Technical Review, Initial Review or Proposed Final Order under which this permit was granted may be revised, conditions may be appropriately revised, or this permit may not be valid.

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.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report **quarterly** static water level measurements for seven consecutive years. The static water level shall be measured in the months of January, April, July, and October. Reports shall be submitted to the Department within 30 days of measurement. The first April measurement will establish the reference level against which future April measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

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

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

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

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

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

STANDARD CONDITIONS

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

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

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

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

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

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

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

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

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

Issued _____, 199_

DRAFT - THIS IS NOT A PERMIT

Water Resources Department
Director

Application G-13129 Water Resources Department PERMIT DRAFT
Basin 15 Volume 3 LARSON CR & MISC District 14
RWK MGMT.CODE 7BG, 7BR, 7FG, 7FR, 7JG, 7JR, 7CG*, 7CR*, *MODIFIED

RECEIVED

JAN 22 1998

WATER RESOURCES DEPT.
SALEM, OREGON

January 20, 1998



**ROGUE VALLEY
MANOR**

Mr. Russell W. Klassen
Senior Water Rights Specialist
Oregon Water Resources Department
Commerce Building
158 12th Street N.E.
Salem OR 97310-0210

SUPER SLODS

1200 Mira Mar Avenue
Medford, OR 97504
(541) 857-7777
Fax: (541) 857-7599
Toll-free: (800) 848-7868
E-mail: prs@retirement.org

RE: Application File Number G-13129

Dear Mr. Klassen:

This is the additional information you requested for our application referenced above. Place of use is located as follows:

37 1 W	Sec 32	Primary	Secondary
NE 1/4	SE 1/4	13.8	.3
SW 1/4	NE 1/4	38.1	
NW 1/4	NE 1/4	32.8	
NW 1/4	SW 1/4	.1	
NE 1/4	NE 1/4	16.7	
NE 1/4	NW 1/4	3.9	
SW 1/4	SE 1/4	.1	
SE 1/4	NW 1/4	.3	
NW 1/4	NW 1/4	11.8	
SE 1/4	SE 1/4	.4	
NW 1/4	SE 1/4	.8	
37 1 W	Sec 33	Primary	Secondary
SE 1/4	SE 1/4	8.3	
NW 1/4	SW 1/4	.3	
NW 1/4	SE 1/4	15.0	
SW 1/4	SE 1/4	27.6	26.0



RECEIVED

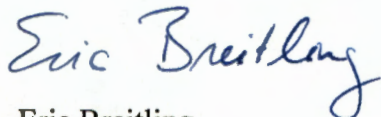
JAN 22 1998

WATER RESOURCES DEP
SALEM, OREGON

37 1 W	Sec 4	Primary	Secondary
NE 1/4	NE 1/4	3.6	
NW 1/4	NW 1/4		7.2
NE 1/4	NW 1/4		48.0
37 1 W	Sec 5		
NW 1/4	NE 1/4		3.2

The purpose of use is irrigation of 173.6 acres and supplemental irrigation of 94.0 acres.

Sincerely,



Eric Breitling
Superintendent of Golf
Course & Grounds

OREGON WATER RESOURCES DEPARTMENT



Commerce Building
158 12th Street NE
Salem OR 97310-0210

To DAVE GRAHAM Date: 5/6/97 Page 1 of 5

Fax # (541) 770-7019

From Russ Klassen

Comments: PC 4 & 5 ARE THE AREA DELINEATED ON THE
MAP w/ THE ACCOMPANYING TABULATION (ALSO
ON THE MAP)

AFTER THE 3RD TIME THRU THE FILE (REVIEW / REMEMBER
WHAT IS COME ON: MAP ONE - BAD; TABULATION GIVEN TO HELP CLARIFY;
MAP 2 GOOD (COPIES ENCLOSED) EXCEPT PRIMARY/SUPPLEMENTAL AN ISSUE;
TABULATION GIVEN TO CLARIFY PRIMARY/SUPPLEMENTAL BUT DOES NOT
MATCH MAP & IS TOO MANY ACRES

Fax. 503-378-2496

Dam Safety	Director's Office	GIS / Mapping
Groundwater	Hanford Studies	Hearings
Hydrographics	Information (Computer) Services	Legislative & Rules Coord.
Public Information	Strat. Planning & Policy Coord.	Water Resources Comm. Liaison

Fax. 503-378-8130

Accounting / Fiscal	CWRE Coordination	Columbia / Snake Issues
Conservation	District 16 Watermaster	Enforcement
GWEB Liaison	Land Use Coordination	Northwest Region
Office Services	Personnel	Planning
Resource Management	Water Development Loan Fund	Water Use Reporting
Well Construction	Well Driller Licensing	

Fax. 503-378-6203

Adjudications	Final Proof Surveys	Hydroelectric Permits
Transfers	Water Rights	

THIS PACKET FAXED
5/6/98

November 13, 1997

RECEIVED

SUPPRESSED

NOV 14 1997

WATER RESOURCES DEPT.
SALEM, OREGON



**ROGUE VALLEY
MANOR**

Mr. Russell W. Klassen
Senior Water Rights Specialist
Oregon Water Resources Department
Commerce Building
158 12th Street, N.E.
Salem, OR 97310-0210

1200 Mira Mar Avenue
Medford, OR 97504
(541) 857-7777
Fax: (541) 857-7599
Toll-free: (800) 848-7868
E-mail: prs@retirement.org

RE: Application File Number G-13129

Dear Mr. Klassen:

We are submitting a map to illustrate the area of use for five irrigation wells. The place of use is as follows:

Legal Description	Primary	Secondary
37 1W 32D Lot 400	13.8 ac	
37 1W 32D Lot 600	43.6 ac	
37 1W 33 Lot 605	8.3 ac	
37 1W 32D Lot 603	25.6 ac	
37 1W 32C Lot 2402	.1 ac	
37 1W 33CB Lot 3200	.3 ac	
37 1W 32A Lot 1000	.9 ac	
37 1W 32BA Lot 3100	1.4 ac	
37 1W 32BA Lot 1600	3.9 ac	
37 1W 32D Lot 607	.1 ac	
37 1W 32S Lot 3601	8.3 ac	
37 1W 32A Lot 3400	5.6 ac	
37 1W 32B Lot 3401	.3 ac	
37 1W32B Lot 3400	.3 ac	
37 1W 32A Lot 1100	1.9 ac	



Legal Description	Primary	Secondary
37 1W 04 Lot 1100	3.6 ac	
37 1W 33 Lot 600	42.6 ac	
37 1W 32 Lot 3300	11.8 ac	
37 1W 32D Lot 602	.2 ac	
37 1W 32D Lot 604	.2 ac	
37 1W 32D Lot 1000	.8 ac	
37 1W 05 Lot 100		3.2 ac
37 1W 04 Lot 1101		7.2 ac
37 1W 32D Lot 201		.3 ac
38 1W 04 Lot 200		48.0 ac
37 1W 33 Lot 800		26.0 ac
37 1W 32BA Lot 2400		3.0 ac
37 1W 32BA Lot 2300		2.1 ac
37 1W 32BA Lot 2702		1.7 ac
37 1W 32BA Lot 2200		2.5 ac
TOTALS	173.6 acres	94 acres

The purpose of use is irrigation of 173.6 acres and supplemental irrigation of 94.0 acres.

Sincerely,

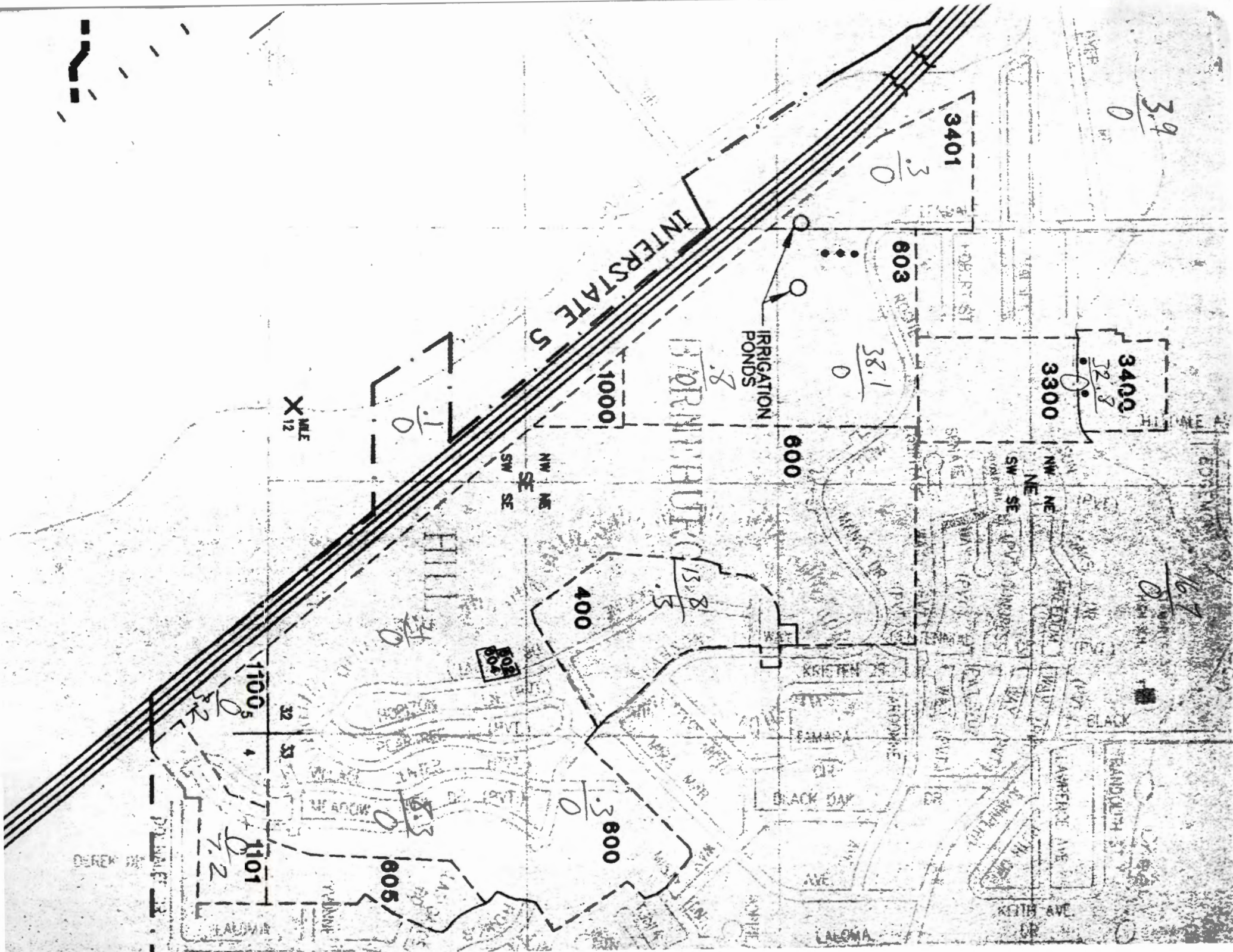


Eric Breitling
 Superintendent of Golf & Grounds

RECEIVED

NOV 14 1997

WATER RESOURCES DEPT.
 SALEM, OREGON



1/12 MILE

INTERSTATE 5

HORNHEAD

IRRIGATION PONDS

3401

$\frac{3}{0}$

$\frac{3.9}{0}$

603

3300

3400

$\frac{38.1}{0}$

1000

NW NE
SW SE

600

400

$\frac{16.7}{0}$

1100

32

33

$\frac{1.0}{0}$

HILL

605

KRISTEN ST

BLACK DAY

1101

7.2

$\frac{8.3}{0}$

$\frac{3.600}{0}$

605

KEITH AVE

LALOMA

DEREK DR

POLARIS

EALOMA

VALANCE

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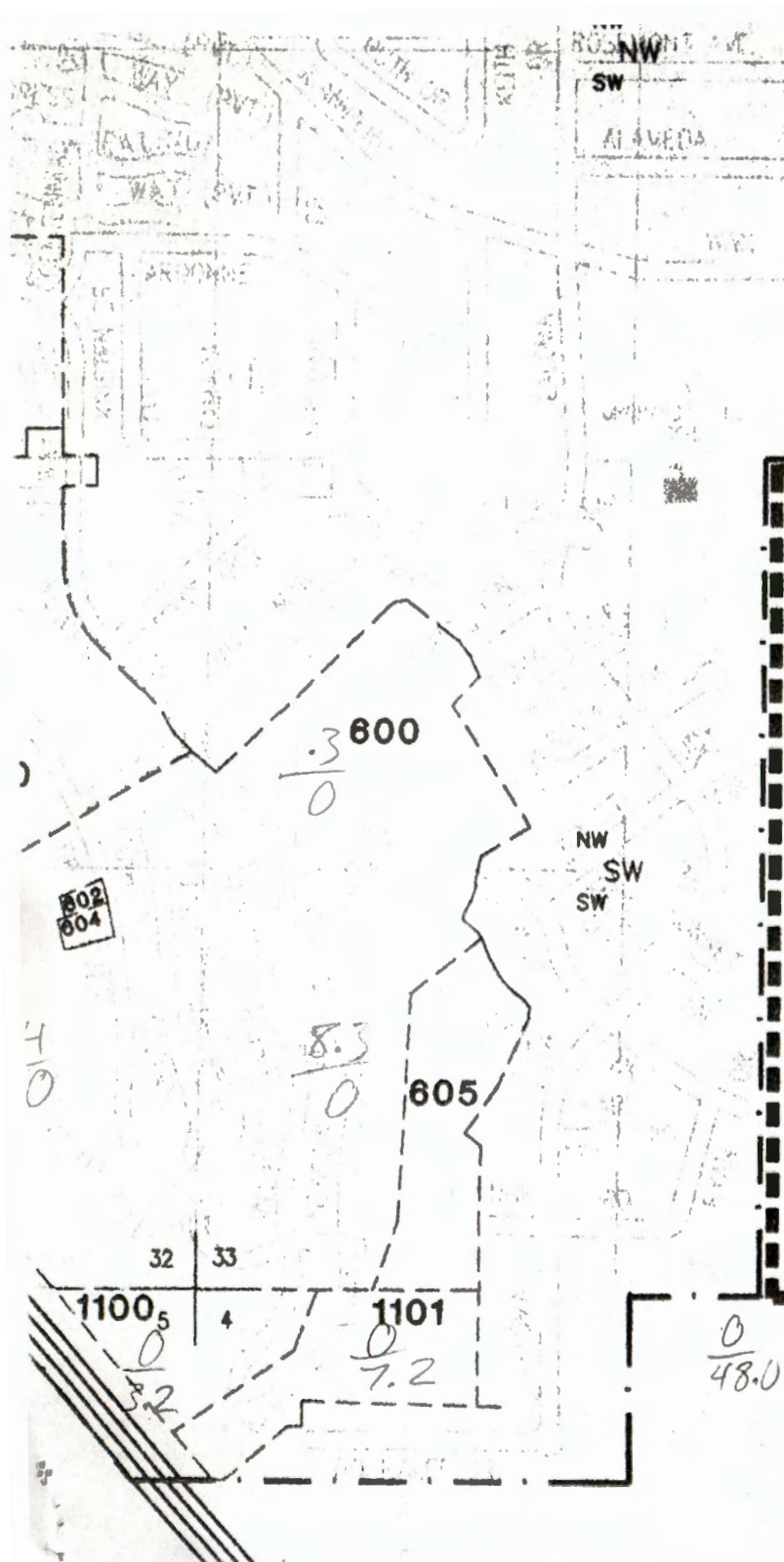
VALANCE

VALANCE

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VALANCE

VALANCE



15.0
0

WATER USE AREAS			
SECTION, TOWNSHIP, RANGE	1/4, 1/4 SECTION	*TAX LOT	IRRIGATED ACRES
SEC 32, T37S, R1W, WM	1/4 SE, 1/4 NW	3401	8.5
	1/4 NW, 1/4 NE	3300, 3400	8.8
	1/4 SW, 1/4 NE	600, 603, 3300	29.3
	1/4 SE, 1/4 NE	600	10.1
	1/4 NW, 1/4 SE	603, 600, 1000	20.6
	1/4 NE, 1/4 SE	400, 600	29.3
	1/4 SW, 1/4 SE	600	1.0
	1/4 SE, 1/4 SE	600, 602, 604	25.0
SEC 33, T37S, R1W, WM	1/4 NW, 1/4 SW	600	7.3
	1/4 SW, 1/4 SW	600, 605	24.8
SEC 4, T38S, R1W, WM	1/4 NW, 1/4 NW	1100, 1101	6.6
SEC 5, T38S, R1W, WM	1/4 NE, 1/4 NE	1100	3.5
			TOTAL ACRES= 174.8

27.6
26

- GROUNDWATER EXTRACTION WELLS
- 2 WELLS LOCATED ON TAX LOT 3400
- 3 WELLS LOCATED ON TAX LOT 603
- (NW 1/4 AND SW 1/4, NE 1/4, SEC 32, T37S, R1W, W.M.)
- NOTE: TAX LOT LOCATIONS ARE APPROXIMATE

8.5
0

3.6
0

SUPPRESSED

DATE	DESCRIPTION	AMOUNT	BALANCE
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EMCON

1150 Knutson Road • Suite 4 • Medford, Oregon 97504-4157 • (541) 770-6977 • Fax (541) 770-7019

*file
letter only* #185
7/1/97
7/15/97
Dwight

May 28, 1997
Project 40857-001.004

RECEIVED

MAY 29 1997

WATER RESOURCES DEPT.
SALEM, OREGON

Mr. Dwight French
Oregon Water Resources Department
Commerce Building
158 12th Street NE
Salem Oregon 97310-0210

Re: Transmittal of Project Report Regarding the Hydraulic Connection Between Larson Creek and a Deep Confined Aquifer, Rogue Valley Manor, Medford, Oregon (Application G-13129)

Dear Mr. French:

On May 20, 1997 we spoke with Mr. Ken Dowden of the Oregon Water Resources Department (ODWR) informing him that we had completed our evaluation of the hydraulic connection between Larson Creek and a deep confined aquifer on behalf of the Rogue Valley Manor. Mr. Dowden informed us that you will be reviewing our findings and will be responsible for the issuance of a water right for the proposed wells. Enclosed is a copy of our report for your review. Based on our investigation, we do not believe that a hydraulic connection between Larson Creek and the deep confined aquifer exists.

We look forward to hearing from ODWR in the near future regarding the issuance of the water right for the two wells at the Rogue Valley Manor. If you have any questions or require additional information please do not hesitate to contact us at your convenience.

Sincerely,

EMCON

David L. Graham
Supervising Hydrogeologist

Enclosure: Rogue Valley Manor Report

cc: Brian McLemore, RVM





EMCON

1150 Knutson Road • Suite 4 • Medford, Oregon 97504-4157 • (541) 770-6977 • Fax (541) 770-7019

*File letter only #185
7/1/97
7/15/97
Dwight*

May 28, 1997
Project 40857-001.004

RECEIVED

MAY 29 1997

WATER RESOURCES DEPT.
SALEM, OREGON

Mr. Dwight French
Oregon Water Resources Department
Commerce Building
158 12th Street NE
Salem Oregon 97310-0210

Re: Transmittal of Project Report Regarding the Hydraulic Connection Between Larson Creek and a Deep Confined Aquifer, Rogue Valley Manor, Medford, Oregon
(Application **G-13129**)

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We look forward to hearing from ODWR in the near future regarding the issuance of the water right for the two wells at the Rogue Valley Manor. If you have any questions or require additional information please do not hesitate to contact us at your convenience.

Sincerely,

EMCON

David L. Graham
Supervising Hydrogeologist

Enclosure: Rogue Valley Manor Report

cc: Brian McLemore, RVM





6-13129

May 28, 1997
Project 40857-001.004

Mr. Brian McLemore
Director of Community Services
Rogue Valley Manor
1200 Mira Mar
Medford, OR 97501

Re: Evaluation of the Potential Hydraulic Connection Between Surface Water and
Groundwater, Rogue Valley Manor, Medford, Oregon

Dear Mr. McLemore:

In September 1992, the Rogue Valley Manor (Manor) applied for a water rights permit from the Oregon Department of Water Resources (ODWR) to extract groundwater from five wells for irrigation purposes. Two of the five proposed wells have been drilled and completed by the Manor. The two wells are designated Well No. 1 and Well No. 2 are located within one-quarter mile of Larson Creek, a tributary of Bear Creek. ODWR denied the permit application based on the presumption that the groundwater withdrawal proposed would substantially interfere with surface water in an over-appropriated drainage basin (i.e., the Bear Creek Basin).

This letter report presents the results and interpretations of an aquifer test that was conducted at the Rogue Valley Manor with the purpose of determining if the deep bedrock aquifer tapped by the Manor wells is hydraulically connected to Larson Creek via the shallow alluvial aquifer present in the flood plain of the creek. The test was designed to allow specific physical and chemical information to be collected that would address this issue. The scope of work was approved by the ODWR in a letter dated October 12, 1996. The location of the site is illustrated in Figure 1.

PIEZOMETER DRILLING AND INSTALLATION

Two borings (P-1S, P-1D) were drilled at the Quail Point Golf Course between March 21, 1997 and March 24, 1997. Both borings were advanced by Pioneer Drilling of Ashland, Oregon, using a Schramm T-450 air rotary drilling rig. Discrete drill cutting samples were collected from the air rotary discharge at 5-foot intervals. Boring locations are shown on Figure 2. Complete boring logs are included in Attachment A. Both borings were completed as piezometers.



Piezometer P-1S was completed by drilling and advancing a 6-inch diameter casing through the alluvium/bedrock contact. The bedrock was sealed with bentonite and a piezometer was constructed in the alluvium as the casing was retracted.

Piezometer P-1D was completed by drilling and advancing a 6-inch diameter casing through the alluvium and into competent bedrock. A bentonite seal was placed around the casing as well as between the bedrock/alluvium contact. The casing was seated into the bentonite and the boring was advanced as open hole below the bottom of the casing. The boring was advanced to 53 feet below ground surface (bgs) and was allowed to recover for 63 hours. During drilling from 25 to 50 feet, the boring was airlifted at 10 foot intervals and no water was observed in the bedrock over this interval (see Figure 3). Following recovery, groundwater was observed in P-1D at a static level above ground surface. The boring was advanced to 103 feet bgs and a piezometer was constructed.

The piezometers were constructed of glued 1.5 inch Schedule 40 PVC. Piezometer P-1S was constructed with a 2-foot hand slotted screen interval. Piezometer P-1D was constructed with a 3-foot hand slotted screen interval. A filter pack of 10 x 20 Colorado silica sand was installed around both piezometers screened intervals. Bentonite chips were placed from the top of the filter pack to ground surface. Lockable steel security casings were cemented in place over the piezometers for protection.

AQUIFER TEST DESIGN

An aquifer test was conducted to collect data that could be used to determine if there is hydraulic connection between Larson Creek and the aquifer being proposed for production in the underlying rock units. The test utilized both of the existing Rogue Valley Manor wells (RVM-1 and RVM-2). The wells were drilled to a depth of 400 feet and are believed to be completed in the Hornbrook Formation (Wiley and Smith, 1993). In addition to the two Manor wells, a set of two piezometers were installed between Larson Creek and Manor RVM- 2. The deep (P-1D) and shallow (P-1S) piezometers were installed at a depth of 80.9 feet and 11.1 feet bgs respectively. A bentonite seal was placed in the well to isolate the two zones from one another. The spatial and vertical relationships of the wells is illustrated in Figures 2 and 3.

RVM-2 was used as the pumping well and RVM-1, P-1S, and P-1D were used as observation wells during the test. RVM- 2 was pumped using a submersible pump at a constant flow rate of approximately 100 gallons per minute (gpm) throughout the test. This flow rate was used because it is the proposed production rate that would be used by the Manor during routine operation of the well. Pumped water was discharged to an on-site pond that is routinely used to store irrigation water by the Manor. The pond is located

approximately 2,500 feet from the pumping well. Water levels were measured using downhole pressure transducers and recorded with data loggers. Periodic manual measurements were made using and electronic water level sounders throughout the duration of the test. Stream stage measurements were made at various points along Larson Creek as part of test. The location of the measurement points along the stream are shown on Figure 2.

WATER WELL SURVEY

EMCON personnel conducted a survey of water wells within 1/4 mile radius of the site. The purpose of the survey was to evaluate whether other water wells in the area could influence the data during the pumping test. Copies of drillers well logs for the study area were obtained from the Water Resources Department and reviewed. The largest water user in the study area is Siskiyou Memorial Gardens. The maintenance foreman from Siskiyou Gardens was contacted and he indicated all irrigation water used is from Bear Creek. No other wells that could potentially influence the pumping test data were located within the study area.

PRE-TEST WATER LEVEL TRENDS

The deep bedrock aquifer tapped by the wells RVM-1 and RVW-2 is under significant artesian pressure. Both of the Manor wells are flowing artesian wells having static water levels above land surface. This would imply that there is a strong upward vertical gradient in the bedrock aquifer thus making it very unlikely that shallow groundwater in the alluvial aquifer could be transferred to the deeper pressurized aquifer.

Water levels were measured in the wells and the stream prior to starting the test to determine antecedent trends. Several observations were made regarding water levels during the pre-test period. The flow in Larson Creek dropped throughout the spring as local precipitation decreased. Beginning approximately April 10, 1997, water was released from storage in mountain reservoirs and transported to the valley for the irrigation season resulting in a rise in Larson Creek. The hydrograph for the stream is illustrated in Figure 4. During this same time period, the water level in the shallow piezometer (P-1S) completed in the streambed gravels was dropping.

Water levels were measured in each well for several days prior to starting the aquifer test. The data indicate that water levels in the two piezometers demonstrated definite and differing trends under static conditions. Water levels in P-1S decreased steadily for a period of three weeks prior to pumping. The observed trend for P-1S is illustrated in Figure 5. There is no evidence that the water levels were effected by changes in

atmospheric pressure. The barometric pressure record for the period from March 26 to April 25 is presented in Figure 6 for comparison.

Water levels in well P-1D demonstrated a very different trend than that observed in P-1S. The water levels in this well were characterized by very regular semidiurnal fluctuations (see Figure 5). The magnitude of the fluctuations was on the order of 0.1 feet. This trend was not observed in any other well used in the test. The trend was compared to changes in barometric pressure occurring during the same period and it is obvious that the water level changes were not the result of barometric effects (see Figure 6). Based on the well survey conducted prior to testing, it is not believed that the fluctuations were the result of cycling pumping of another well in the general vicinity of the Manor. It appears that the source of the observed fluctuations may be due to earth tides. Such fluctuations have been observed in the piezometric surface at other locations in confined aquifers located great distances from the ocean (Robinson and Bell, 1971; Robinson, 1939; Bredehoeft, 1967).

WATER LEVEL RESPONSES DUE TO PUMPING

Water levels in the test well RVM-2 dropped 79.8 feet in response to pumping. The hydrograph for the pumping well is illustrated in Figure 7. There was no measurable response observed in RVM-1 as a result of pumping of RVM-2. Both wells were drilled and completed in the same aquifer and they are located approximately 160 feet apart. The lack of response in RVM-1 is most likely due to the fact that the test was not long enough to stress the portion of the aquifer at well RVM-2.

The hydrograph for well P-1S during the test demonstrates that no response occurred at this location. The fact that water levels in P-1S did not respond to pumping of RVM-2 suggests that the two aquifers are not in hydraulic connection (Figure 9). The break in data was due to the transducer being removed from the well for a period of a week after completion of the testing. The transducer was placed in the well to gather additional post-test data.

Water levels for P-1S were compared to levels in Larson Creek during the testing period (see Figure 10). It can be seen that the water levels in the piezometer and the stream do not demonstrate a response to pumping. Once again, this would indicate that the shallow aquifer and the stream are not in hydraulic connection with the deep bedrock aquifer.

The water level in P-1D dropped approximately 44 feet in response to pumping (see Figure 7). This zone is separated from the shallow zone in P-1S by approximately 25 feet of virtually dry rock. This zone appears to be acting as an effective barrier to hydraulic communication between the shallow alluvial aquifer and the deeper confined aquifer(s) in the underlying bedrock. The effects of pumping RVM-2 were much greater than the effects

of earth tides observed in the pre-test trend and thus masked the earth tide response during the testing period.

SURFACE AND GROUNDWATER SAMPLING

Surface water samples were collected from Larson Creek on March 17, March 28, April 3, and April 11, 1997. These samples were collected to provide baseline concentrations of selected inorganic parameters. Surface water samples from Larson Creek were also collected concurrently with groundwater samples collected during the 24-hour pumping test.

Groundwater samples were collected during the pumping test at intervals of approximately 2 hours, 6 hours, 10 hours, 19 hours, and 23.5 hours from the start of the pumping test.

All samples were collected in laboratory-supplied containers, placed on ice, and shipped in a rigid shipping container to Columbia Analytical Services, Kelso, Washington, for analysis. Analytical results are provided in Attachment B.

HYDROCHEMISTRY

Hydrochemical samples were collected from the pumping well and Larson at several times during the pumping phase of the test. The water from Larson Creek can be classified as being a calcium/bicarbonate chemical type. The initial water samples collected from the creek prior to the test had a TDS of approximately 400 milligrams per liter (mg/L). However, the water quality of the creek changed significantly at some point from April 10 to April 21 due to discharges of water from mountain reservoirs used to store water for irrigation. All parameters tested decreased significantly relative to baseline due to the influx of new water. Chemically, the water remained a calcium/bicarbonate type but the concentrations were reduced. The surface water sampled during the aquifer test had a TDS of approximately 100 mg/L as compared to the 400 mg/L of the water sampled earlier in the spring. The chemical results from Larson Creek are listed in Table 1. The decrease in concentration essentially makes the contrast between the water chemistry of the surface water and the deep groundwater even more dramatic.

The hydrochemical results of the groundwater collected from RVM-2 indicated that the water was a sodium/bicarbonate chemical type having a TDS on the order of 400 mg/L. The concentrations of all chemical constituents in the groundwater, with the exception of iron, were substantially higher than those of the surface water during the testing period. Table 2 lists the chemical results of the groundwater collected during the test. The contrast in chemistry and the fact that the chemical results of the surface water or groundwater did

not vary during the test provides compelling evidence that significant water was not transferred from the stream and/or the shallow aquifer as a result of pumping of the deep well. Figures 11 and 12 are graphical representations of the chemistry of surface and groundwater sampled during the test. As can be observed, there is a marked difference in the chemical quality of the two water types.

CONCLUSIONS

The results of the testing of the Manor wells suggests that there is not a hydraulic connection between the deep aquifer in the bedrock and the shallow alluvial aquifer and/or stream bed of Larson Creek. This conclusion is based the following facts:

- The deep bedrock aquifer tapped by the wells RVM-1 and RVW-2 is under significant artesian pressure. Both of the Manor wells are flowing artesian wells having static water levels above land surface. This would imply that there is a strong upward vertical gradient in the bedrock aquifer thus making it very unlikely that shallow groundwater in the alluvial aquifer could be transferred to the deeper pressurized aquifer.
- Pre-test water level trends were significantly different in wells or piezometers tapping various zones. If these zones were in hydraulic connection, similar responses would be expected to be occur in all zones effected by the same seasonal and/or transient influences. This was not the case.
- Pumping of the deep well did not effect water levels in the shallow piezometer (P-1S) isolated in the river alluvium, suggesting the two aquifers are not hydraulically connected.
- Pumping of RVM-2 did have a significant effect on the piezometric surface in the deep piezometer P-1D isolated in the upper portion bedrock aquifer.
- Water levels in Larson Creek were measured at various locations throughout the testing period. No decrease in water level was observed during the testing period. If significant leakage were occurring through the streambed as a consequence of pumping changes in stream stage should have been apparent.
- Groundwater and surface water chemistry were significantly different indicating that they are separate water systems. The hydrochemical characteristics of the groundwater and the surface water did not change throughout the test suggesting

Mr. Brian McLemore
May 28, 1997
Page 7


Project 40857-001.004


that significant leakage was not occurring as a consequence of pumping the deep aquifer.


If you have any questions or comments in regard to this matter, please feel free to contact us.

Sincerely,

EMCON


Steven B. Strickler, R.G.
Staff Geologist


David L. Graham
Supervising Hydrogeologist


James R. Romer, P.E., R.G.
Director of Geology and Remediation

Attachments: Limitations
Figures 1 through 9
Attachment A - Boring Logs
Attachment B - Laboratory Analytical Report

cc: Dwight French, ODWR

LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

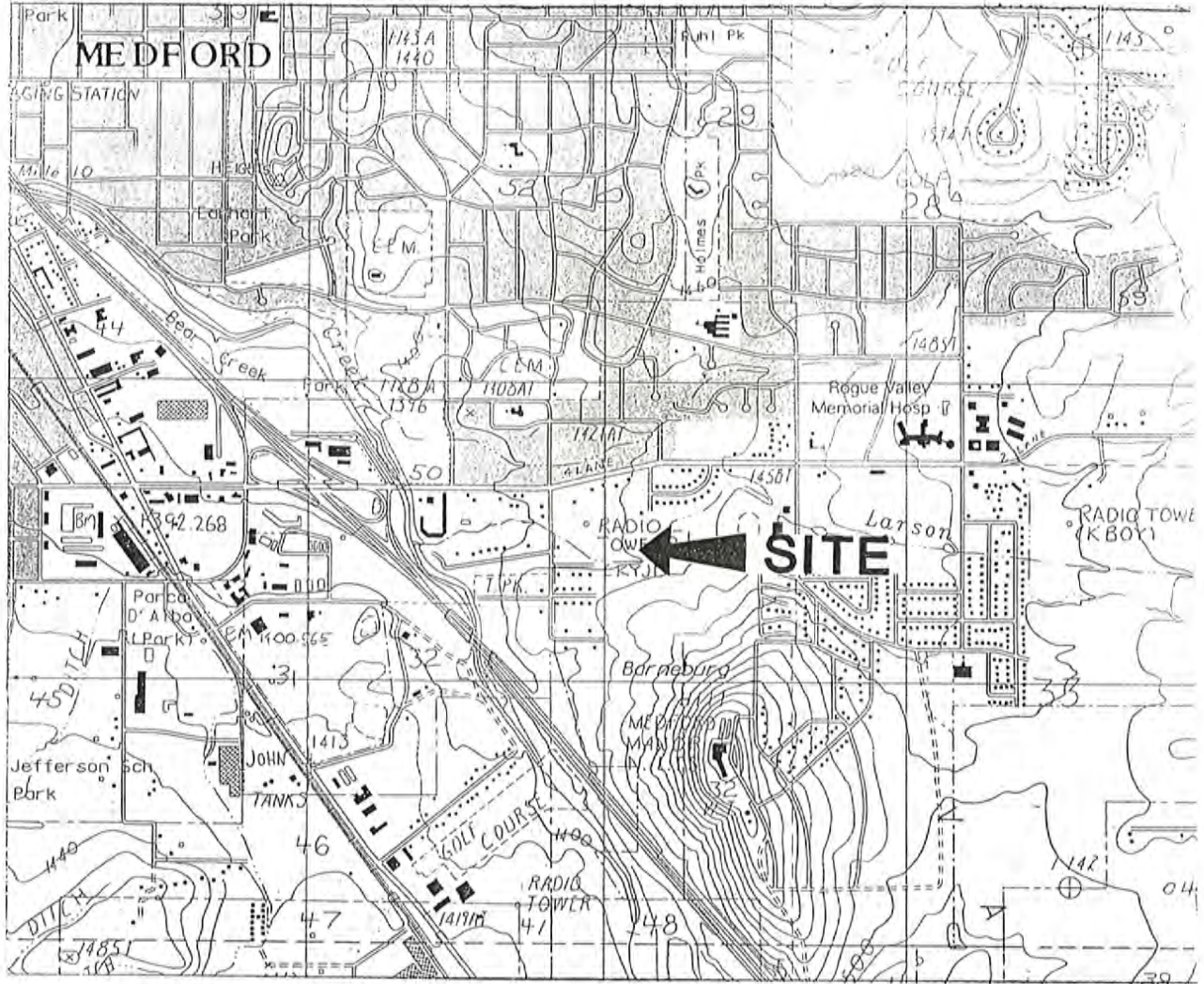
Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, nor the use of segregated portions of this report.

The purpose of a geologic/hydrogeologic study is to reasonably characterize existing site conditions based on the geology/hydrogeology of the area. In performing such a study, it is understood that a balance must be struck between a reasonable inquiry into the site conditions and an exhaustive analysis of each conceivable environmental characteristic. The following paragraphs discuss the assumptions and parameters under which such an opinion is rendered.

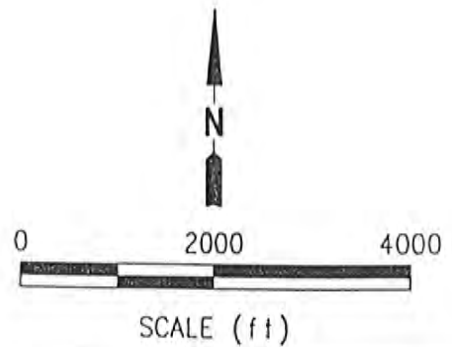
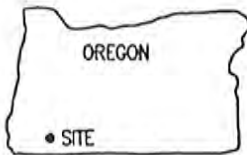
No investigation is thorough enough to describe all geologic/ hydrogeologic conditions of interest at a given site. If conditions have not been identified during the study, such a finding should not therefore be construed as a guarantee of the absence of such conditions at the site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

We are unable to report on or accurately predict events that may change the site conditions after the described services are performed, whether occurring naturally or caused by external forces. We assume no responsibility for conditions we were not authorized to evaluate, or conditions not generally recognized as predictable when services were performed.

Geologic/hydrogeologic conditions may exist at the site that cannot be identified solely by visual observation. Where subsurface exploratory work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at unsampled locations.



Base map from USGS 7.5' Quad, Medford, Oregon (1988).



Emcon
Northwest, Inc.

DATE 5/97
 DWN. MJL
 REV.
 APPR. *SJS*
 PROJECT NO.
 0857-001.04

Figure 1
 ROUGE VALLEY MANOR
 MEDFORD, OREGON
 SITE LOCATION MAP



LEGEND

- RVM-1 EXISTING WATER SUPPLY WELL
- SG-1 STAFF GAUGE
- P-1S PIEZOMETER

ROGUE VALLEY MANOR
FOR
HOFFBUHR & ASSOC.

SCALE: 1" = 100'
CONTOUR INTERVAL: 2'
PHOTO DATE: 6-3-93

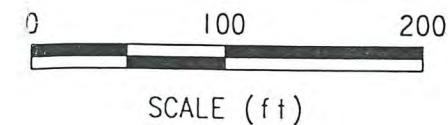
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153232MM F.L. AERIAL PHOTOS
TO MEET NATIONAL MAP ACCURACY
STANDARDS AT 1" = 100' SCALE.
PUBLICATION OR USE AT ANY OTHER SCALE
WILL VOID ANY IMPLIED OR STIPULATED
ACCURACY STANDARDS. THIS MAP HAS
NOT BEEN VERIFIED BY FIELD CHECKS.

DASHED CONTOURS IN AREAS COVERED BY
DENSE VEGETATION OR SHADOWS MAY BE LESS
THAN STANDARD ACCURACY.

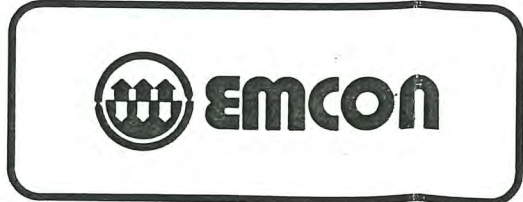
HORIZONTAL - VERTICAL MAP CONTROL
PROVIDED BY:
HOFFBUHR & ASSOC.
MEDFORD, OREGON

PHOTOGRAMMETRY BY:
CASCADE MAPPING, INC.
EUGENE, OREGON
CS03 343-8877

SHEET 1 OF 3



NOTE:
ALL WELL LOCATIONS ARE APPROXIMATE.

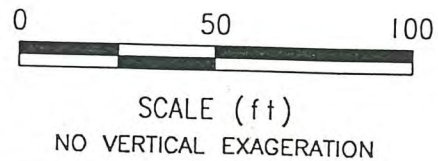
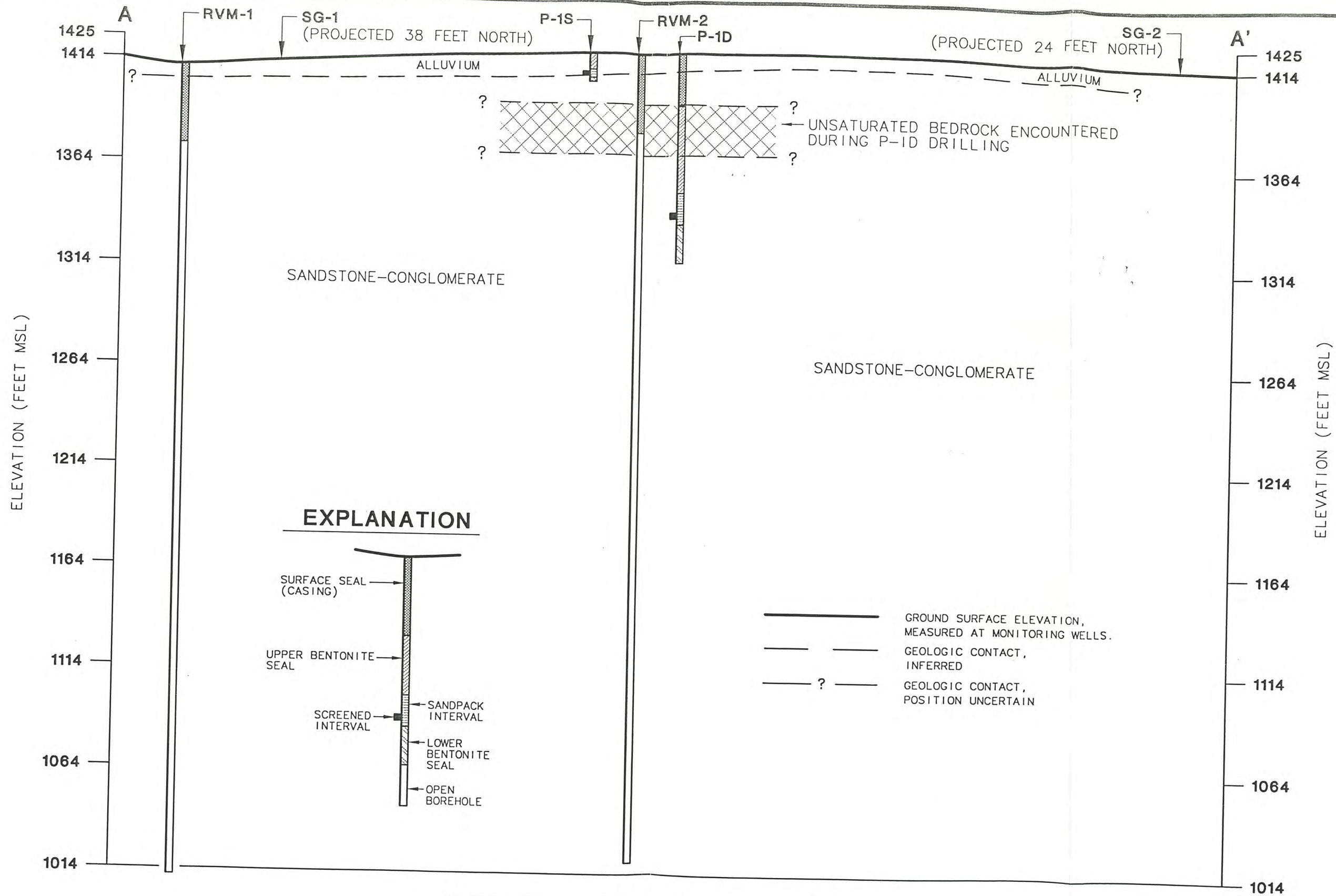


DATE	5/97
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ROGUE VALLEY MANOR
MEDFORD, OREGON

SITE MAP

FIGURE
2
PROJECT NO.
40857-001.004



DATE 5/97
DWN MJL
APP *SBS*
REV _____

ROGUE VALLEY MANOR
MEDFORD, OREGON
**GENERALIZED GEOLOGIC
CROSS SECTION A-A'**

FIGURE
3
PROJECT NO.
40857-001.004

Table 1
Hydrochemical Results For Larson Creek

Sample	HCO ₃	Cl	F	SO ₄	Na	Ca	Fe	Mg	K
SW-1	214	8.0	ND	24	25.8	53.7	0.21	20.8	ND
SW-2	234	8.6	ND	25	29.8	59.1	0.17	23.4	ND
SW-3	232	7.4	ND	22	27.5	56.0	0.23	22.0	ND
SW-4	224	8.6	ND	25	28.9	52.0	0.31	21.4	ND
x	226	8.2	--	24	28.0	55.2	0.23	22.3	--
s	9.1	0.6	--	1.4	1.8	3.1	0.06	1.02	--
SW-5	63	2.4	ND	5.2	7.69	17.2	4.57	6.46	ND
SW-6	64	2.6	ND	5.4	7.61	16.8	5.26	6.47	2.20
SW-7	66	2.6	ND	4.8	7.69	16.4	3.28	6.11	2.20
SW-8	64	2.7	ND	3.7	7.18	15.6	4.28	5.99	ND
SW-9	66	3.4	ND	3.6	7.56	16.4	3.13	6.18	ND
x	65	2.7	--	4.5	7.55	16.5	4.10	6.24	--
s	1.3	0.4	--	0.8	0.21	0.6	0.9	0.21	--

Notes: All concentrations in mg/L
 Samples SW-1 to SW-4 collected prior to testing
 Samples SW-5 to SW-9 collected during testing
 ND = not detected
 x = mean
 s = standard deviation
Bold =

Table 2
Hydrochemical Results For Manor Well No. 2

Sample	HCO ₃	Cl	F	SO ₄	Na	Ca	Fe	Mg	K
GW-1	222	45	<0.4	11	85.5	35.7	0.029	9.49	ND
GW-2	220	47	<0.4	11	83.9	34.9	0.024	9.25	ND
GW-3	220	47	<0.4	10	80.7	33.4	0.032	8.87	ND
GW-4	220	48	<0.4	10	83.7	34.5	0.021	9.16	ND
GW-5	224	47	<0.4	10	84.0	34.8	0.056	9.25	ND
x	221	47	--	10	83.6	34.7	0.032	9.20	--
s	1.8	1.1	--	0.6	1.8	0.8	0.014	0.22	--

Notes: All concentrations in mg/L
 ND = not detected
 x = mean
 s = standard deviation
Bold =

Table 1
Hydrochemical Results For Larson Creek

Sample	HCO ₃	Cl	F	SO ₄	Na	Ca	Fe	Mg	K
SW-1	214	8.0	ND	24	25.8	53.7	0.21	20.8	ND
SW-2	234	8.6	ND	25	29.8	59.1	0.17	23.4	ND
SW-3	232	7.4	ND	22	27.5	56.0	0.23	22.0	ND
SW-4	224	8.6	ND	25	28.9	52.0	0.31	21.4	ND
x	226	8.2	--	24	28.0	55.2	0.23	22.3	--
s	9.1	0.6	--	1.4	1.8	3.1	0.06	1.02	--
SW-5	63	2.4	ND	5.2	7.69	17.2	4.57	6.46	ND
SW-6	64	2.6	ND	5.4	7.61	16.8	5.26	6.47	2.20
SW-7	66	2.6	ND	4.8	7.69	16.4	3.28	6.11	2.20
SW-8	64	2.7	ND	3.7	7.18	15.6	4.28	5.99	ND
SW-9	66	3.4	ND	3.6	7.56	16.4	3.13	6.18	ND
x	65	2.7	--	4.5	7.55	16.5	4.10	6.24	--
s	1.3	0.4	--	0.8	0.21	0.6	0.9	0.21	--

Notes: All concentrations in mg/L
 Samples SW-1 to SW-4 collected prior to testing
 Samples SW-5 to SW-9 collected during testing
 ND = not detected
 x = mean
 s = standard deviation
 Bold =

Table 2
Hydrochemical Results For Manor Well No. 2

Sample	HCO ₃	Cl	F	SO ₄	Na	Ca	Fe	Mg	K
GW-1	222	45	<0.4	11	85.5	35.7	0.029	9.49	ND
GW-2	220	47	<0.4	11	83.9	34.9	0.024	9.25	ND
GW-3	220	47	<0.4	10	80.7	33.4	0.032	8.87	ND
GW-4	220	48	<0.4	10	83.7	34.5	0.021	9.16	ND
GW-5	224	47	<0.4	10	84.0	34.8	0.056	9.25	ND
x	221	47	--	10	83.6	34.7	0.032	9.20	--
s	1.8	1.1	--	0.6	1.8	0.8	0.014	0.22	--

Notes: All concentrations in mg/L
 ND = not detected
 x = mean
 s = standard deviation
 Bold =

Figure 4

Rogue Valley Manor
Hydrographs for Larson Creek

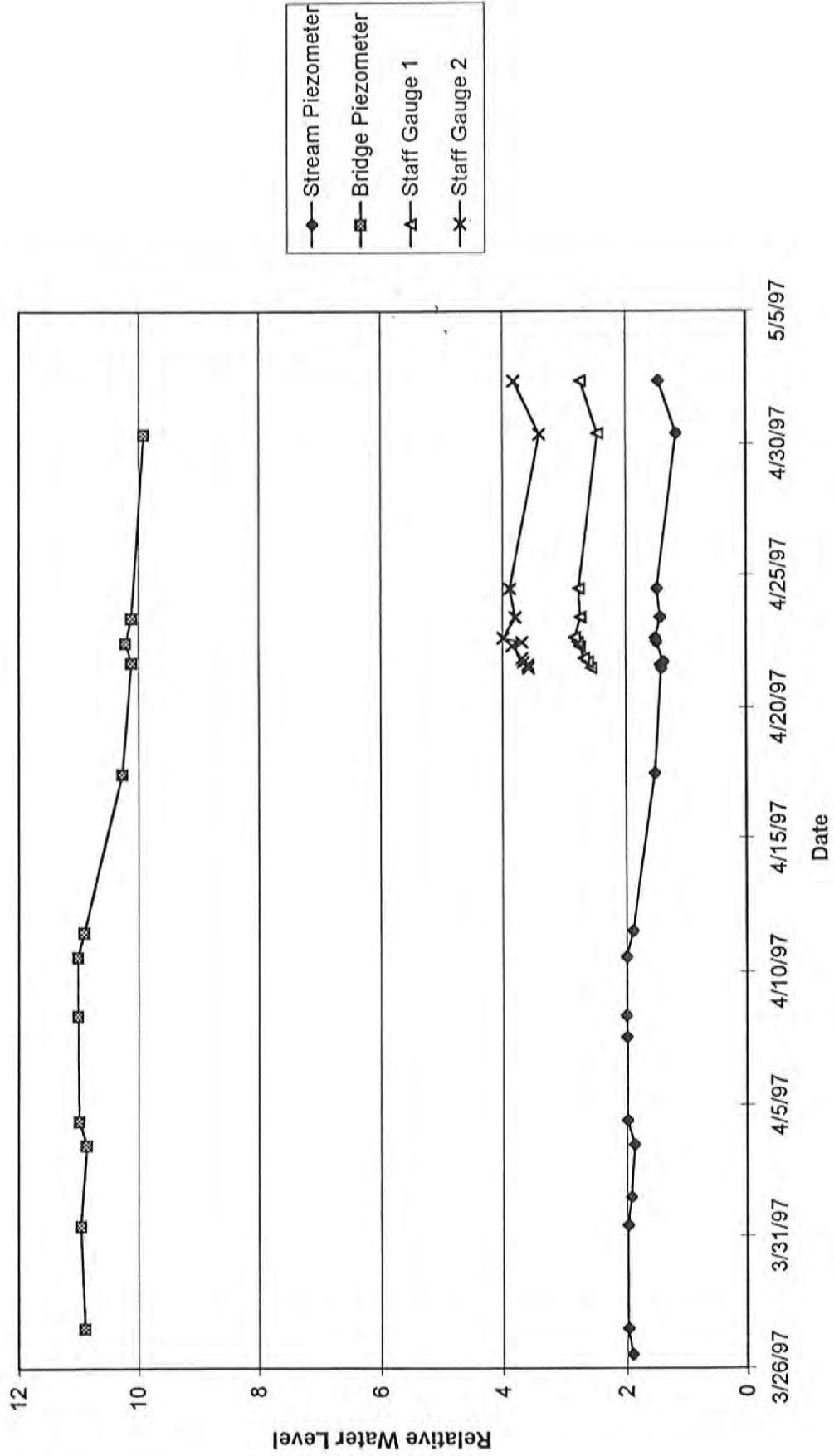


Figure 5

Rogue Valley Manor
P-1S, P-1D Pre-Test Water Levels

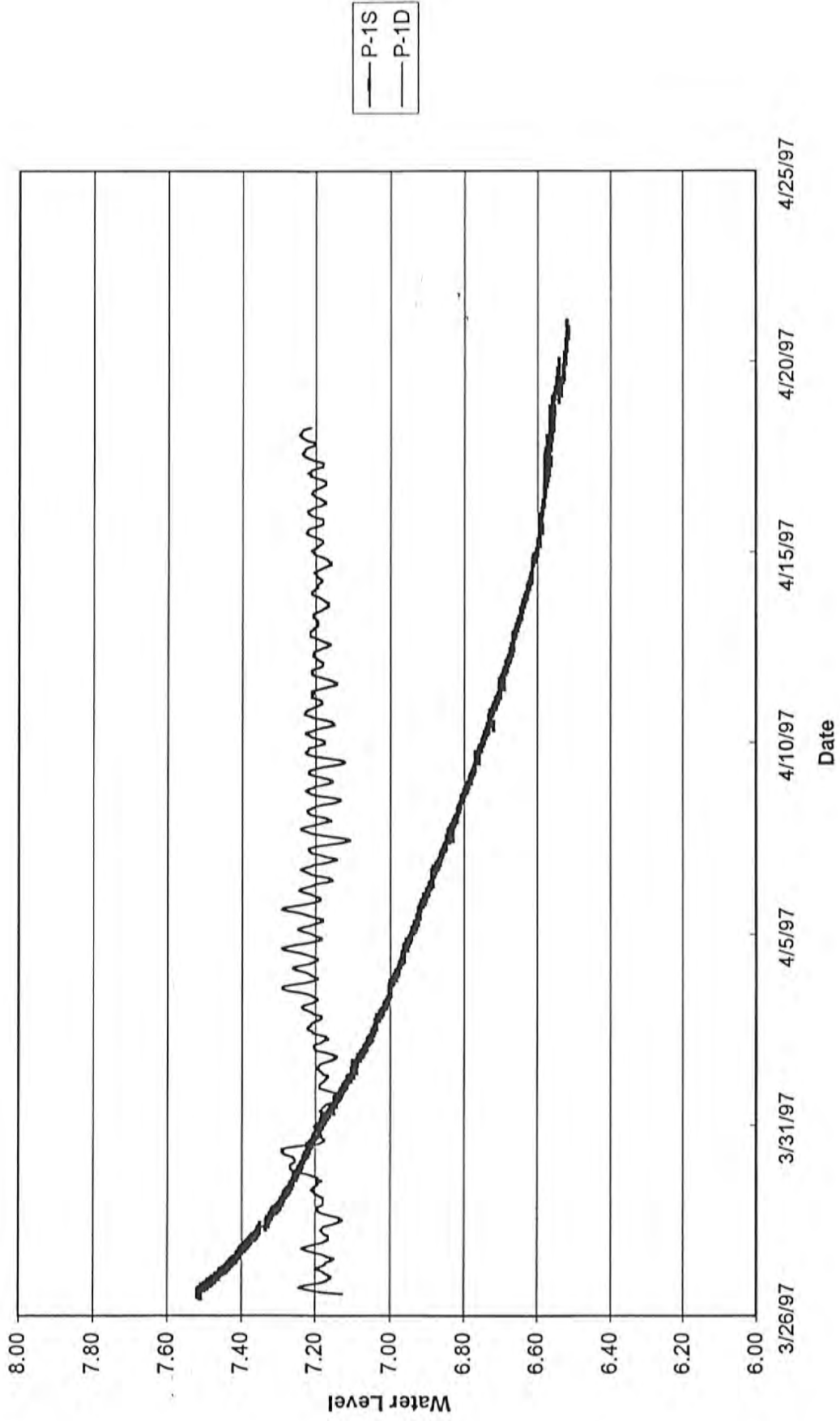


Figure 6
 Rogue Valley Manor
 P-1D vs. Barometric Pressure

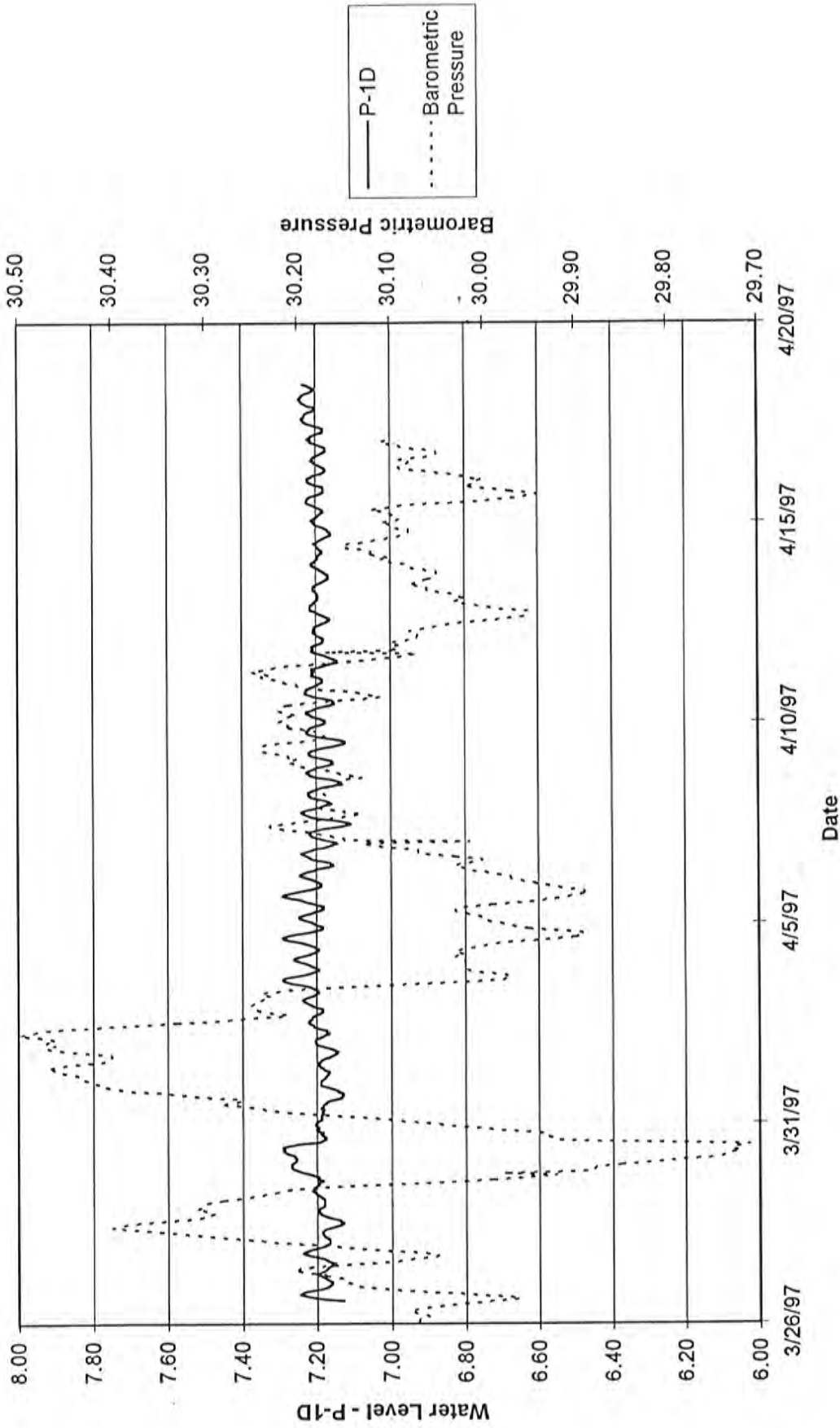


Figure 7

Rogue Valley Manor
Relative Drawdown in RVM-2 and P-1D

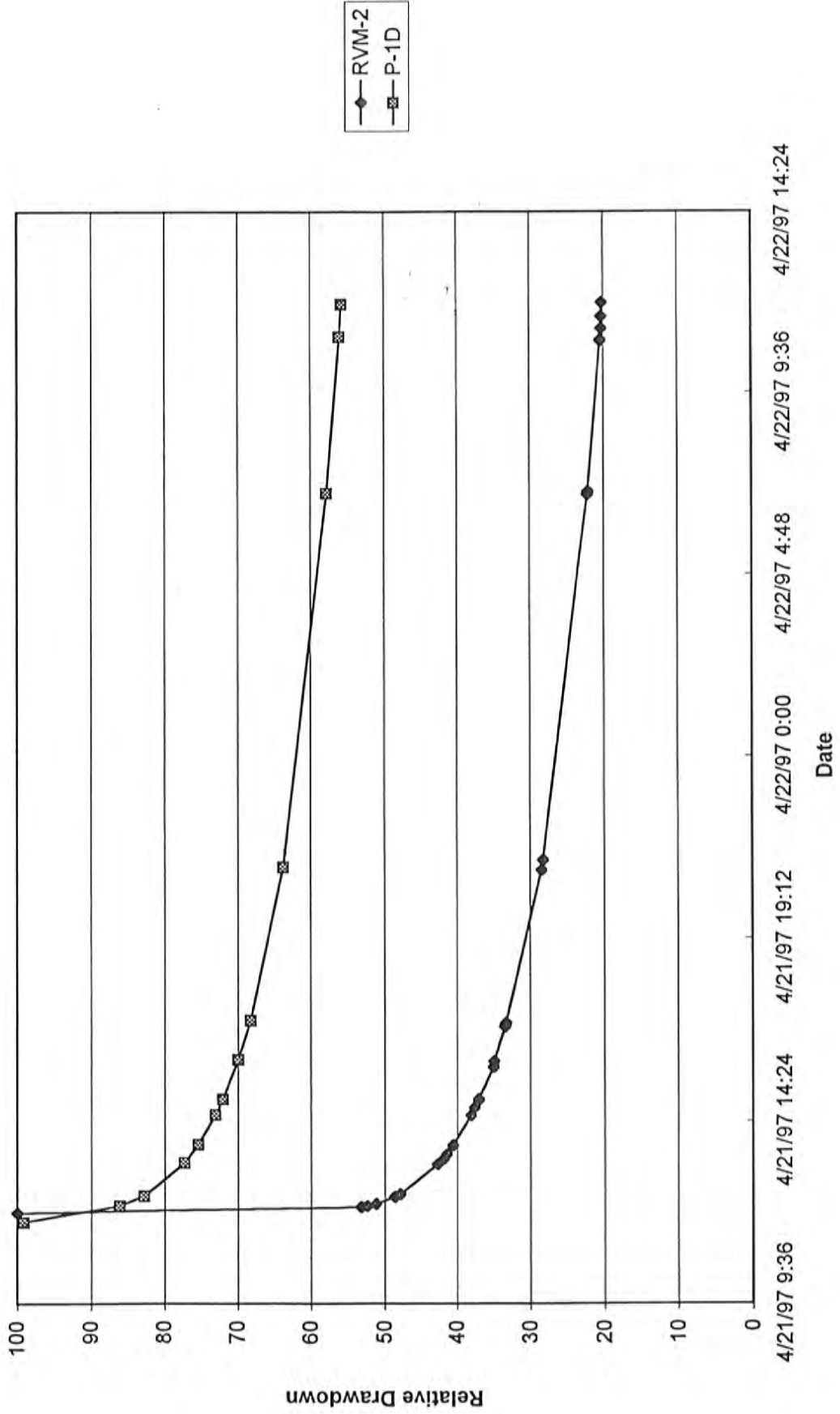


Figure 8

Rogue Valley Manor
Hydrograph of Well RVM-1

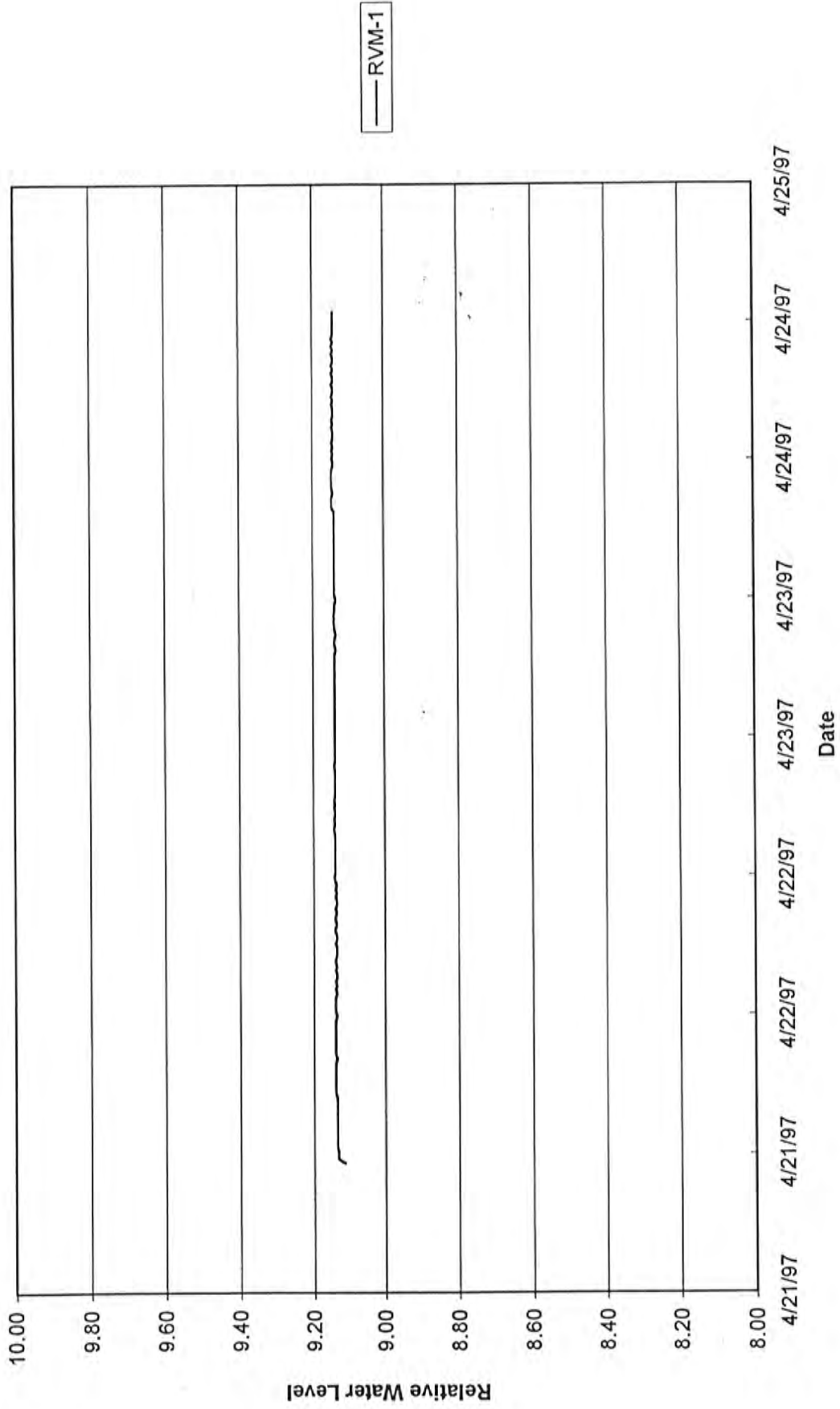


Figure 9
Rogue Valley Manor
P-1S Hydrograph

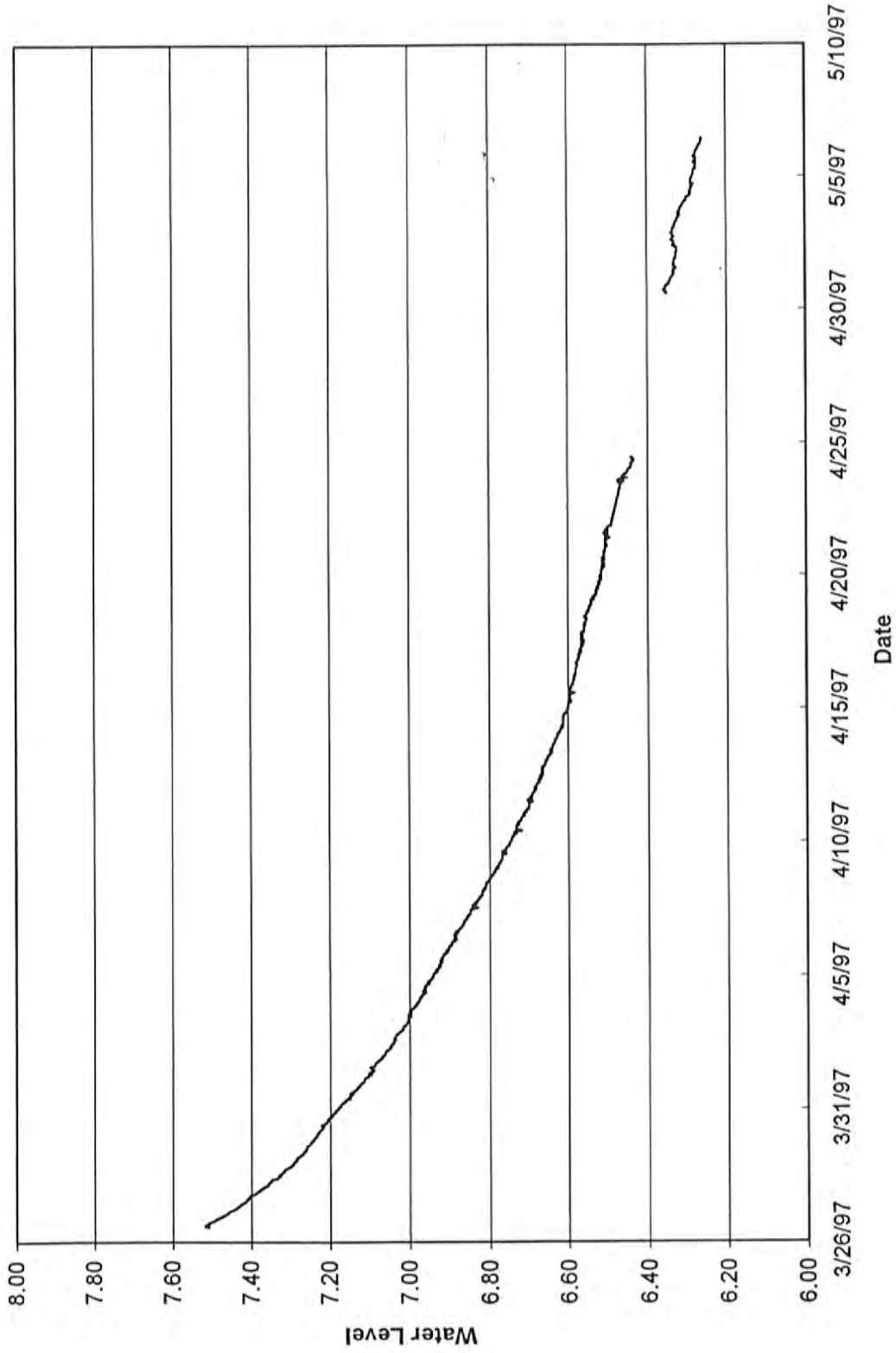


Figure 10

Rogue Valley Manor
Hydrograph for Larson Creek and P-1S during Aquifer Test

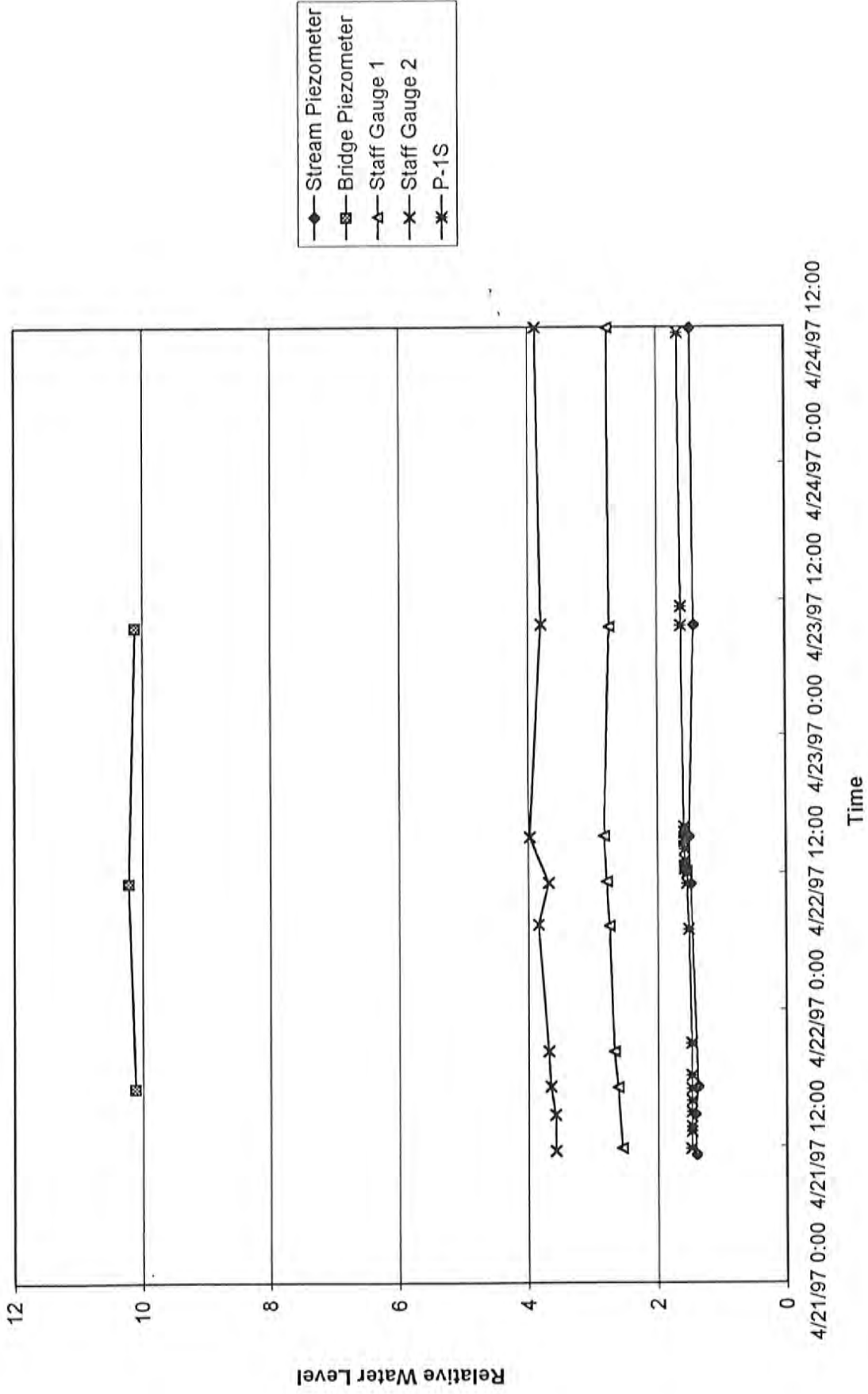


Figure 11
 Mean Hydrochemical Results
 Stiff Diagram

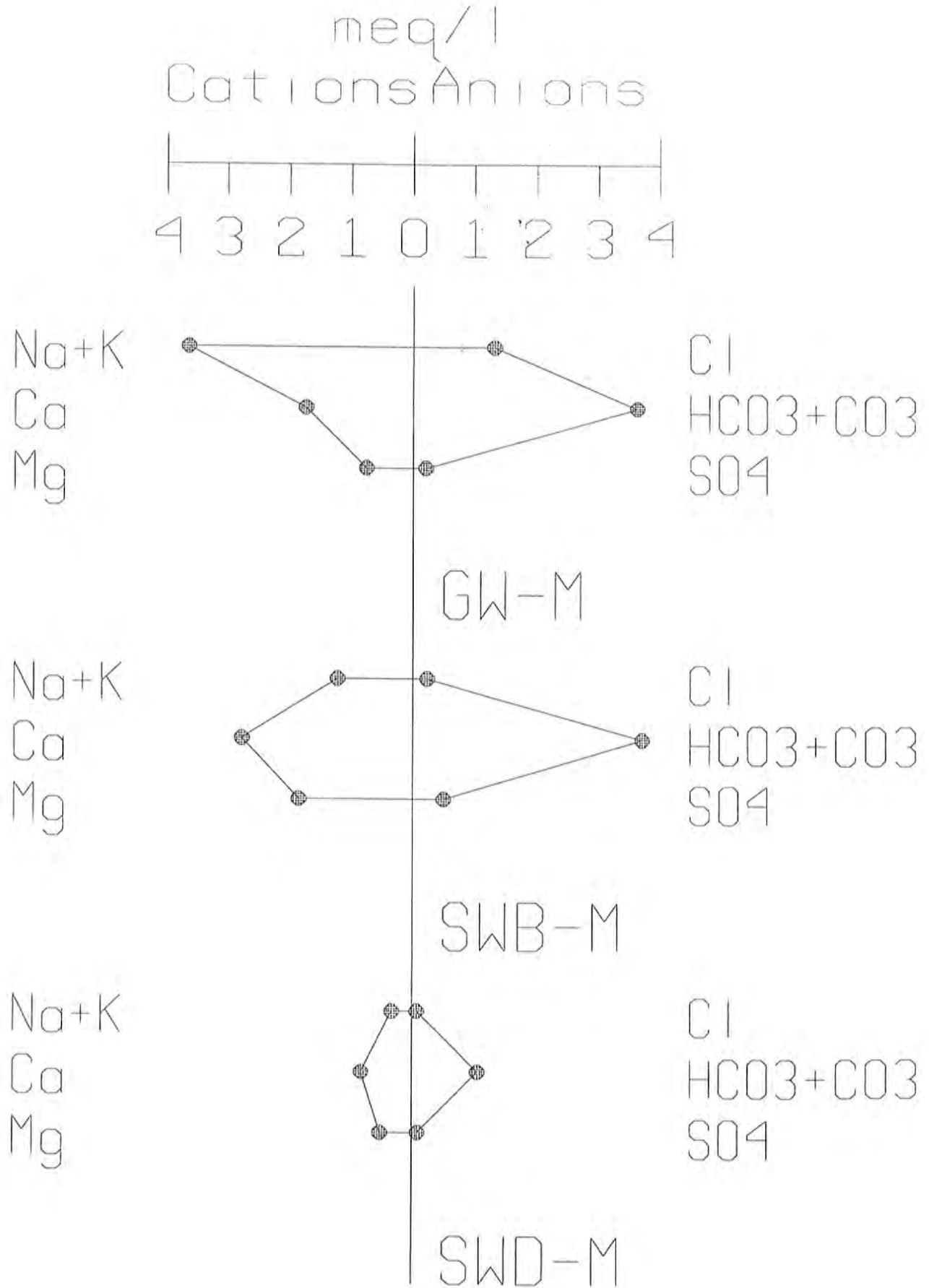
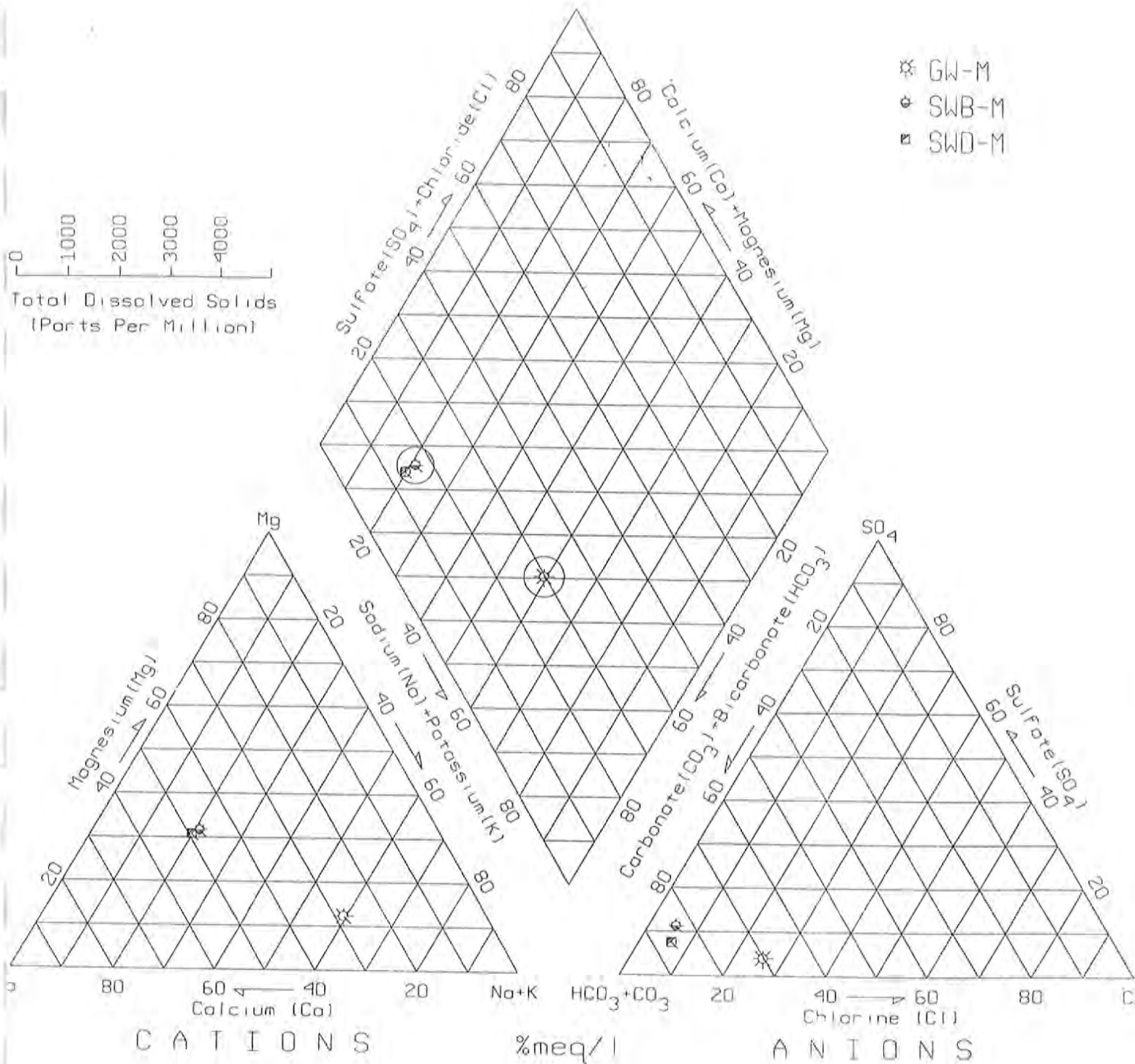


Figure 12
 Mean Hydrochemical Results
 Piper Diagram



ATTACHMENT A
BORING LOGS

LOG OF EXPLORATORY BORING

PROJECT NAME **Rogue Valley Manor**
 LOCATION **Medford, Oregon**
 DRILLED BY **PioneerDrilling**
 DRILL METHOD **Air Rotary**
 LOGGED BY **Steve Strickler**

BORING NO. **P-1S**
 PAGE **1 OF 2**
 GROUND ELEV. **1414.00'**
 TOTAL DEPTH **14.20'**
 DATE COMPLETED **03/21/97**

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FEET	SAMPLES	WELL DETAILS	LITHOLOGIC COLUMN	LITHOLOGIC DESCRIPTION
1	Grab			■			<p>0 to 1.0 foot: SILTY CLAY (CL), dark brown, medium to high plastic fines, trace fine to coarse sand, trace organics (roots), soft, moist. (ALLUVIUM)</p>
2	Grab		5	■			<p>1.0 to 3.0 feet: CLAYEY GRAVEL (GC), dark brown, little to some medium plastic fines, trace to few fine to coarse sand, gravel (angular to rounded, to 2.0 inch), compact, moist. (ALLUVIUM)</p>
3	Grab			■			<p>3.0 to 8.0 feet: SILTY CLAY (CL), dark brown, medium plastic fines, trace fine to coarse sand, soft, moist. (ALLUVIUM)</p>
4	Grab			■			<p>8.0 to 12.0 feet: SANDY GRAVEL (GP), grayish brown, trace to few non to low plastic fines, some fine to coarse sand, gravel (angular to well rounded, to 2.5 inch plus) medium dense to dense, wet. (ALLUVIUM)</p>
5	Grab		10	■			
6	Grab			■			<p>12.0 to 14.2 feet: SANDSTONE TO PEBBLY SANDSTONE, yellowish brown to grayish brown, well to poorly sorted, trace to little gravel (well rounded quartzite clasts, to 2.5 inch) fine to coarse sand, fresh to weathered, damp to wet. (BEDROCK)</p>
7	Grab		15	■			<p>Total depth drilled = 14.2 feet. Total depth sampled = 14.2 feet.</p>
			20				<p>See Page 2 for Well Completion Details.</p>



REMARKS

Reference elevation is ground surface. Top of PVC is 1415.91 feet. Elevations are approximate.

LOG OF EXPLORATORY BORING

PROJECT NAME **Rogue Valley Manor**
 LOCATION **Medford, Oregon**
 DRILLED BY **PioneerDrilling**
 DRILL METHOD **Air Rotary**
 LOGGED BY **Steve Strickler**

BORING NO. **P-1S**
 PAGE **2 OF 2**
 GROUND ELEV. **1414.00'**
 TOTAL DEPTH **14.20'**
 DATE COMPLETED **03/21/97**

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FEET	SAMPLES	WELL DETAILS	LITHOLOGIC COLUMN	LITHOLOGIC DESCRIPTION
			25				<p>WELL COMPLETION DETAILS: 0 to 9.1 feet: 1.5-inch-diameter, flush-threaded, schedule 40 PVC blank riser pipe. 9.1 to 11.1 feet: 1.5-inch-diameter, flush-threaded, schedule 40 PVC well screen with saw cut perforations and a 2-inch-diameter, flush-threaded, schedule 40 PVC end cap.</p> <p>0 to 1.0 feet: Concrete. 1.0 to 8.0 feet: Bentonite chips hydrated with potable water. 8.0 to 12.0 feet: 10 - 20 Colorado Silica Sand. 12.0 to 14.2 feet: Bentonite chips hydrated with potable water.</p>
			30				
			35				
			40				



REMARKS

Reference elevation is ground surface. Top of PVC is 1415.91 feet. Elevations are approximate.

LOG OF EXPLORATORY BORING

PROJECT NAME **Rogue Valley Manor**
 LOCATION **Medford, Oregon**
 DRILLED BY **PioneerDrilling**
 DRILL METHOD **Air Rotary**
 LOGGED BY **Steve Strickler**

BORING NO. **P- 1D**
 PAGE **1 OF 6**
 GROUND ELEV. **1414.00'**
 TOTAL DEPTH **103.00'**
 DATE COMPLETED **03/24/97**

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FEET	SAMPLES	WELL DETAILS	LITHOLOGIC COLUMN	LITHOLOGIC DESCRIPTION
1	Grab			■			0 to 6.0 feet: SILTY CLAY (CL) , dark brown to gray, medium to high plastic fines, trace fine to coarse sand, trace organics (roots), soft, moist. (ALLUVIUM)
2	Grab		5	■			
3	Grab			■			6.0 to 10.0 feet: CLAYEY GRAVEL (GC) , dark brown, little to some medium plastic fines, trace to few fine to coarse sand, gravel (subangular to well rounded, to 2.0 inch), compact, moist. (ALLUVIUM)
4	Grab		10	■			
5	Grab			■			10.0 to 31.0 feet: SANDSTONE TO PEBBLEY SANDSTONE , yellowish brown to grayish brown, well to poorly sorted, trace to little gravel (well rounded quartzite clasts, to 2.5 inch) fine to coarse sand, fresh to weathered, damp to wet. (BEDROCK)
6	Grab		15	■			
			20				



REMARKS

Reference elevation is ground surface. Top of PVC is 1415.74 feet. Elevations are approximate.

LOG OF EXPLORATORY BORING

PROJECT NAME **Rogue Valley Manor**
 LOCATION **Medford, Oregon**
 DRILLED BY **PioneerDrilling**
 DRILL METHOD **Air Rotary**
 LOGGED BY **Steve Strickler**

BORING NO. **P- 1D**
 PAGE **2 OF 6**
 GROUND ELEV. **1414.00'**
 TOTAL DEPTH **103.00'**
 DATE COMPLETED **03/24/97**

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FEET	SAMPLES	WELL DETAILS	LITHOLOGIC COLUMN	LITHOLOGIC DESCRIPTION
7	Grab			■			<p>10.0 to 31.0 feet: SANDSTONE TO PEBBLY SANDSTONE, continued. @ 20.0 to 22.0 feet: very weathered zone.</p> <hr style="border-top: 1px dashed black;"/> <p>31.0 to 78.0 feet: SANDSTONE, greenish black, well sorted, fine to medium sand, fresh, damp becoming wet at 50.0 feet. (BEDROCK)</p>
8	Grab		25	■			
9	Grab		30	■			
10	Grab		35	■			
			40				



REMARKS

Reference elevation is ground surface. Top of PVC is 1415.74 feet. Elevations are approximate.

LOG OF EXPLORATORY BORING

PROJECT NAME **Rogue Valley Manor**
 LOCATION **Medford, Oregon**
 DRILLED BY **PioneerDrilling**
 DRILL METHOD **Air Rotary**
 LOGGED BY **Steve Strickler**

BORING NO. **P- 1D**
 PAGE **3 OF 6**
 GROUND ELEV. **1414.00'**
 TOTAL DEPTH **103.00'**
 DATE COMPLETED **03/24/97**

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FEET	SAMPLES	WELL DETAILS	LITHOLOGIC COLUMN	LITHOLOGIC DESCRIPTION
11	Grab			■			31.0 to 78.0 feet: SANDSTONE, continued.
12	Grab		45	■			
13	Grab		50	■			
14	Grab		55	■			
			60				



REMARKS

Reference elevation is ground surface. Top of PVC is 1415.74 feet. Elevations are approximate.

LOG OF EXPLORATORY BORING

PROJECT NAME Rogue Valley Manor
 LOCATION Medford, Oregon
 DRILLED BY PioneerDrilling
 DRILL METHOD Air Rotary
 LOGGED BY Steve Strickler

BORING NO. P- 1D
 PAGE 4 OF 6
 GROUND ELEV. 1414.00'
 TOTAL DEPTH 103.00'
 DATE COMPLETED 03/24/97

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FEET	SAMPLES	WELL DETAILS	LITHOLOGIC COLUMN	LITHOLOGIC DESCRIPTION
15	Grab						31.0 to 78.0 feet: SANDSTONE, continued.
16	Grab		65				
17	Grab		70				
18	Grab		75				
			80				78.0 to 79.0 feet: SILTSTONE, grayish black, very well sorted, fresh, wet. (BEDROCK) 79.0 to 103.0 feet: SANDSTONE, greenish black, well sorted, fine to medium sand, fresh, wet.



REMARKS

Reference elevation is ground surface. Top of PVC is 1415.74 feet. Elevations are approximate.

LOG OF EXPLORATORY BORING

PROJECT NAME **Rogue Valley Manor**
 LOCATION **Medford, Oregon**
 DRILLED BY **PioneerDrilling**
 DRILL METHOD **Air Rotary**
 LOGGED BY **Steve Strickler**

BORING NO. **P- 1D**
 PAGE **5 OF 6**
 GROUND ELEV. **1414.00'**
 TOTAL DEPTH **103.00'**
 DATE COMPLETED **03/24/97**

SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FEET	SAMPLES	WELL DETAILS	LITHOLOGIC COLUMN	LITHOLOGIC DESCRIPTION
19	Grab			■			79.0 to 103.0 feet: SANDSTONE, continued.
20	Grab		85	■			
21	Grab		90	■			
22	Grab		95	■			
			100				



REMARKS

Reference elevation is ground surface. Top of PVC is 1415.74 feet. Elevations are approximate.

LOG OF EXPLORATORY BORING

PROJECT NAME **Rogue Valley Manor**
 LOCATION **Medford, Oregon**
 DRILLED BY **PioneerDrilling**
 DRILL METHOD **Air Rotary**
 LOGGED BY **Steve Strickler**

BORING NO. **P- 1D**
 PAGE **6 OF 6**
 GROUND ELEV. **1414.00'**
 TOTAL DEPTH **103.00'**
 DATE COMPLETED **03/24/97**

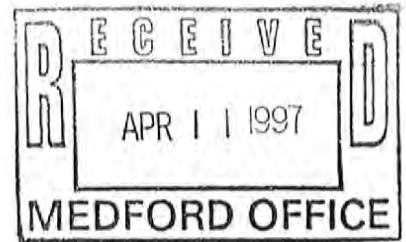
SAMPLE NUMBER	SAMPLE TYPE	GROUND WATER LEVELS	DEPTH IN FEET	SAMPLES	WELL DETAILS	LITHOLOGIC COLUMN	LITHOLOGIC DESCRIPTION
23	Grab			■	■	■	79.0 to 103.0 feet: SANDSTONE, continued.
24	Grab			■	■	■	Total depth drilled = 103.0 feet. Total depth sampled = 103.0 feet. WELL COMPLETION DETAILS: 0 to 77.9 feet: 1.5-inch-diameter, flush-threaded, schedule 40 PVC blank riser pipe. 77.9 to 80.9 feet: 1.5-inch-diameter, flush-threaded, schedule 40 PVC well screen with saw cut perforations. 80.9 to 103.0 feet: 1.5-inch-diameter, flush-threaded, schedule 40 PVC blank riser pipe and a 2-inch-diameter, flush-threaded, schedule 40 PVC end cap. 0 to 2.0 feet: Concrete. 2.0 to 68.5 feet: Bentonite chips hydrated with potable water. 68.5 to 84.0 feet: 10 - 20 Colorado Silica Sand. 84.0 to 103.0 feet: Bentonite chips hydrated with potable water.



REMARKS

Reference elevation is ground surface. Top of PVC is 1415.74 feet. Elevations are approximate.

ATTACHMENT B
ANALYTICAL REPORT



**Columbia
Analytical
Services^{INC.}**

April 9, 1997

Service Request No: K9701723

Steve Strickler
EMCON
1150 Knutson Road, Suite 4
Medford, OR 97504-4157

Re: Rogue Valley Manor/40857-001.004

Dear Steve:

Enclosed are the results of the sample(s) submitted to our laboratory on March 18, 1997. For your reference, these analyses have been assigned our service request number K9701723.

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the samples analyzed.

Please call if you have any questions. My extension is 239.

Respectfully submitted,

Columbia Analytical Services, Inc.

Howard Boorse
Project Chemist

HB/td

Page 1 of 5

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
J	Estimated concentration. The value is less than the method reporting limit, but greater than the method detection limit.
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NAN	Not Analyzed
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected at or above the MRL
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON
 Project: Rogue Valley Manor/40857-001.004
 Sample Matrix: Water

Service Request: K9701723
 Date Collected: 3/17/97
 Date Received: 3/18/97
 Date Extracted: NA

Inorganic Parameters
 Units: mg/L (ppm)

Analyte:	Bicarbonate Alkalinity as CaCO ₃	Carbonate Alkalinity as CaCO ₃	Chloride	Fluoride	Sulfate
EPA Method:	SM 2320B	SM 2320B	300.0	300.0	300.0
Method Reporting Limit:	20	20	0.2	0.2	0.2
Date Analyzed:	3/21/97	3/21/97	3/28/97	3/28/97	3/28/97

Sample Name	Lab Code	Bicarbonate Alkalinity as CaCO ₃	Carbonate Alkalinity as CaCO ₃	Chloride	Fluoride	Sulfate
RVM-SW1-397	K9701723-001	214	32	8.0	ND	24
Method Blank	K9701723-MB	ND	ND	ND	ND	ND

Approved By: _____



Date: _____

4/8/97

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON
Project: Rogue Valley Manor/40857-001.004
Sample Matrix: Water

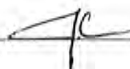
Service Request: K9701723
Date Collected: 3/17/97
Date Received: 3/18/97
Date Extracted: 3/20/97

Total Metals
Units: µg/L (ppb)

Sample Name: RVM-SW1-397 Method Blank
Lab Code: K9701723-001 K9701723-MB
Date Analyzed: 3/20/97 3/20/97

Analyte	EPA Method	MRL		
Calcium	6010A	50	53700	ND
Iron	6010A	20	212	ND
Magnesium	6010A	10	20800	ND
Potassium	6010A	2000	ND	ND
Sodium	6010A	100	25800	ND

Approved By: _____



Date: _____

4/1/97

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

PROJECT NAME: Revere Valley Manor #40857-001.004
 PROJECT MANAGER: Steve Strickler
 COMPANY/ADDRESS: EMCON
1150 Knutson Rd Suite #4
Melford, OR 97504-4157 PHONE: 770-6977
 SAMPLERS SIGNATURE: Steve B Strickler

SAMPLE ID	DATE	TIME	LAB ID	SAMPLE MATRIX
<u>K97-501-397</u>	<u>3/17/97</u>	<u>1410</u>	<u>K97-1723-01</u>	<u>Water</u>

ANALYSIS REQUESTED		REMARKS
<input type="checkbox"/>	Volatile Organics A8010 B8240 C8260	Total Concentrations
<input type="checkbox"/>	Volatile Organics 524.2	
<input type="checkbox"/>	Base/Neutral/Acid Org., 8270	
<input type="checkbox"/>	Total Metals See Comments	
<input type="checkbox"/>	Dissolved Metals See Comments	
<input type="checkbox"/>	pH Cond TDS TSS BOD Turb Color Tanin/Lignin	
<input type="checkbox"/>	COD TOC TPhos	
<input checked="" type="checkbox"/>	TKN NH ₃	
<input checked="" type="checkbox"/>	Alk. (HCO ₃ CO ₃ Hardness)	
<input checked="" type="checkbox"/>	Anion Scan (Cl, SO ₄) NO ₃ , NO ₂ (F)	
<input checked="" type="checkbox"/>	Cation Scan Diss. (Ca, Mg, K, Na, Fe, Mn, Si)	
<input type="checkbox"/>	Anion: Cation Ratio	
<input type="checkbox"/>	Bacteria T - Coliform F - Coliform	
<input type="checkbox"/>	Enterococcus	
<input type="checkbox"/>	Ortho Phos	

RELINQUISHED BY: Steve B Strickler
 Signature: [Signature]
 Printed Name: Steve Strickler
 Firm: EMCON
 Date/Time: 3/17/97

RECEIVED BY: Paul Lehtinen
 Signature: [Signature]
 Printed Name: Paul Lehtinen
 Firm: EMCON
 Date/Time: 3/18/97 0900

TURNAROUND REQUIREMENTS
 24 hr 48 hr 5 day
 Standard (10-15 working days)
 Provide Verbal Preliminary Results
 Provide FAX preliminary Results
 Requested Report Date: _____

REPORT REQUIREMENTS
 I. Routine Report
 II. Report (includes DUP MS, MSD, as required, may be changed as samples)
 III. Data Validation Report (includes All Raw Data)
 IV. CLP Deliverable Report

INVOICE INFORMATION:
 P.O. #: _____
 Bill To: Emcon Melford

SAMPLE RECEIPT:
 Shipping via Greenhound
 Shipping # 854984632
 Condition: _____
 Lab No: K97-1723

RELINQUISHED BY: _____
 Signature: _____
 Printed Name: _____
 Firm: _____
 Date/Time: _____

RECEIVED BY: _____
 Signature: _____
 Printed Name: _____
 Firm: _____
 Date/Time: _____

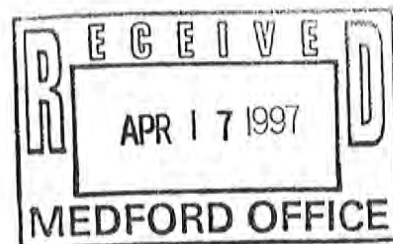
SPECIAL INSTRUCTIONS/COMMENTS: Landfill

Circle which metals are to be analyzed:

Total Metals: As Sb Ba Be Ca Cd Co Cr Cu Fe Pb Mg Mn Ni Ag Se Ti V Zn Hg
 Dissolved Metals: As Sb Ba Be Ca Cd Co Cr Cu Fe Pb Mg Mn Ni Ag Se Ti V Zn Hg

Custody Seal # 33987

Columbia
Analytical
Services^{inc.}



April 16, 1997

Service Request No: K9701970

Steve Strickler
EMCON
1150 Knutson Road, Suite 4
Medford, OR 97504-4157

Re: Rogue Valley Manor/40857-001.004

Dear Steve:

Enclosed are the results of the sample(s) submitted to our laboratory on March 27, 1997. For your reference, these analyses have been assigned our service request number K9701970.

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the samples analyzed.

Please call if you have any questions. My extension is 239.

Respectfully submitted,

Columbia Analytical Services, Inc.

A handwritten signature in cursive script that reads "Howard Boorse".

Howard Boorse
Project Chemist

HB/ee

Page 1 of 5

COLUMBIA ANALYTICAL SERVICES, Inc.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
J	Estimated concentration. The value is less than the method reporting limit, but greater than the method detection limit.
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NAN	Not Analyzed
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected at or above the MRL
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON
 Project: Rogue Valley Manor/40857-001 004
 Sample Matrix: Water

Service Request: K9701970
 Date Collected: 3/26/97
 Date Received: 3/27/97
 Date Extracted: NA

Inorganic Parameters
 Units: mg/L (ppm)

Analyte:	Bicarbonate Alkalinity as CaCO ₃	Carbonate Alkalinity as CaCO ₃	Chloride	Fluoride	Sulfate
EPA Method:	SM 2320B	SM 2320B	300.0	300.0	300.0
Method Reporting Limit:	20	20	0.2	0.2	0.2
Date Analyzed:	3/29/97	3/29/97	4/8/97	4/8/97	4/9/97

Sample Name	Lab Code	Bicarbonate Alkalinity as CaCO ₃	Carbonate Alkalinity as CaCO ₃	Chloride	Fluoride	Sulfate
RVM-SW2-397	K9701970-001	234	28	8.6	ND	25
Method Blank	K9701970-MB	ND	ND	ND	ND	ND

SM

Standard Methods for the Examination of Water and Wastewater, 18th Ed., 1992.

Approved By: asp Date: 4/15/97

SASM/120294

01970WET.LJ1 - STests 4/15/97

0003

Page No.:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON
Project: Rogue Valley Manor/40857-001.004
Sample Matrix: Water

Service Request: K9701970
Date Collected: 3/26/97
Date Received: 3/27/97
Date Extracted: 3/31/97

Total Metals
Units: µg/L (ppb)

Sample Name: RVM-SW2-397 Method Blank
Lab Code: K9701970-001 K9701970-MB
Date Analyzed: 4/8/97 4/8/97

Analyte	EPA Method	MRL		
Calcium	6010A	50	59100	ND
Iron	6010A	20	173	ND
Magnesium	6010A	10	23400	ND
Potassium	6010A	2000	ND	ND
Sodium	6010A	100	29800	ND

Approved By: _____

Date: _____

4/10/97



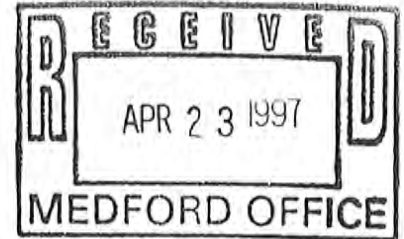
1317 South 13th Ave. • Keaso, WA 98626 • (206) 577-7222, FAX (206) 636-1068

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

DATE March 26, 1997 PAGE 1 OF 1

PROJECT NAME <u>Boyer Valley Manor #40857-001, CCH</u> PROJECT MGR <u>Steve Strubler</u> COMPANY/ADDRESS <u>Emm</u> <u>1150 Knutson Rd #4 Medford, OR 97504</u> SAMPLERS SIGNATURE <u>Steve Strubler</u> PHONE <u>770-6977</u>				ANALYSIS REQUESTED <input type="checkbox"/> Base/Non/Acid Organics GCMS 625/82.70 <input type="checkbox"/> Volatile Organics GCMS 624/8240 <input type="checkbox"/> Halogenated or Aromatic Volatiles 601/8010 <input type="checkbox"/> Pericles/PCBs 602/8020 <input type="checkbox"/> EPA 418.1 Total Petroleum Hydrocarbons <input type="checkbox"/> TPH/Gas/BTEX 5030/8015/8020 <input type="checkbox"/> Gas BTEX <input type="checkbox"/> TPH/8015 Modified Diesel <input type="checkbox"/> TPH-HCID <input type="checkbox"/> TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> YOA <input type="checkbox"/> Herb <input type="checkbox"/> Semi Past <input type="checkbox"/> Metal (total or dissolved) Last Below <input type="checkbox"/> Cyanide <input type="checkbox"/> PH Cond. (Cl-SO ₄ PO ₄ F) Br <input type="checkbox"/> NH ₄ -N, COD, Total-P, TKN, TOC (circles) <input type="checkbox"/> Total Organic Halides TOX 9020 <input checked="" type="checkbox"/> HCC ₃ -CC ₃		NUMBER OF CONTAINERS <u>1</u> REMARKS	
TURNAROUND REQUIREMENTS: <input checked="" type="checkbox"/> 24 hr <input type="checkbox"/> 48 hr <input type="checkbox"/> 5 day <input type="checkbox"/> Standard (- 10-15 working days) <input type="checkbox"/> Provide Verbal Preliminary Results <input type="checkbox"/> Provide FAX Preliminary Results Requested Report Date _____				REPORT REQUIREMENTS: <input checked="" type="checkbox"/> I. Routine Report <input type="checkbox"/> II. Report includes DUP, MS, MSD, as required, may be charged as samples <input type="checkbox"/> III. Data Validation Report (includes All Raw Data) <input type="checkbox"/> IV. CLP Deliverable Report			
RECEIVED BY: <u>Steve Strubler</u> Signature <u>Steve Strubler</u> Printed Name <u>Emm</u> Firm <u>3/26/97</u> Date/Time				RECEIVED BY: Signature Printed Name Firm Date/Time			
RECEIVED BY: <u>Ken K. Hawk</u> Signature <u>Ken K. Hawk</u> Printed Name <u>YAS</u> Firm <u>03/27/97</u> Date/Time				RECEIVED BY: Signature Printed Name Firm Date/Time			
RELINQUISHED BY: <u>Steve Strubler</u> Signature <u>Steve Strubler</u> Printed Name <u>Emm</u> Firm <u>3/26/97</u> Date/Time				RELINQUISHED BY: Signature Printed Name Firm Date/Time			
INVOICE INFORMATION: P.O.# _____ Bill to: _____ Lab No.: <u>K97-1000</u> (1997)				SAMPLE RECEIPT: Shipping via <u>Express Mail</u> Shipping # <u>95098 2316</u> Condition: _____			
SPECIAL INSTRUCTIONS/COMMENTS: <u>Total Metals: Cations - Ca, Mg, K, Na, Fe</u> <u>Custody Seal # 25582</u>							

Columbia
Analytical
Services^{INC.}



April 21, 1997

Service Request No: K9702195

Steve Strickler
EMCON
1150 Knutson Road, Suite 4
Medford, OR 97504-4157

Re: Rogue Valley Manor/40857-001.004

Dear Steve:


Enclosed are the results of the sample(s) submitted to our laboratory on April 4, 1997. For your reference, these analyses have been assigned our service request number K9702195.

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the samples analyzed.

Please call if you have any questions. My extension is 239.

Respectfully submitted,

Columbia Analytical Services, Inc.


Howard Boorse
Project Chemist

HB/td

Page 1 of 5

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
J	Estimated concentration. The value is less than the method reporting limit, but greater than the method detection limit.
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NAN	Not Analyzed
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected at or above the MRL
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

00002

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON
 Project: Rogue Valley Manor/40857-001.004
 Sample Matrix: Water

Service Request: K9702195
 Date Collected: 4/3/97
 Date Received: 4/4/97
 Date Extracted: NA

Inorganic Parameters
 Units: mg/L (ppm)

Analyte:	Bicarbonate Alkalinity as CaCO ₃	Carbonate Alkalinity as CaCO ₃	Chloride	Fluoride	Sulfate
EPA Method:	SM 2320B	SM 2320B	300.0	300.0	300.0
Method Reporting Limit:	20	20	0.2	0.2	0.2
Date Analyzed:	4/11/97	4/11/97	4/16/97	4/16/97	4/17/97

Sample Name	Lab Code	Bicarbonate Alkalinity as CaCO ₃	Carbonate Alkalinity as CaCO ₃	Chloride	Fluoride	Sulfate
RVM-SW3-497	K9702195-001	232	17	7.4	ND	22
Method Blank	K9702195-MB	ND	ND	ND	ND	ND

Approved By: asp Date: 4/18/97

5ASM/120294

02195WET.LJ1 - 5Tests 4/18/97

00003

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON
Project: Rogue Valley Manor/40857-001.004
Sample Matrix: Water

Service Request: K9702195
Date Collected: 4/3/97
Date Received: 4/4/97
Date Extracted: 4/7/97

Total Metals
Units: µg/L (ppb)

Sample Name: RVM-SW3-497 Method Blank
Lab Code: K9702195-001 K9702195-MB
Date Analyzed: 4/14/97 4/14/97

Analyte	EPA Method	MRL		
Calcium	6010A	50	56000	ND
Iron	6010A	20	226	ND
Magnesium	6010A	10	22000	ND
Potassium	6010A	2000	ND	ND
Sodium	6010A	100	27500	ND

Approved By: _____

EMA

Date: _____

4/17/97



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

1317 South 13th Ave. • Kelso, WA 98626 • (206) 577-7222 • (800) 695-7222 • FAX (206) 636-1068

DATE April 3, 1997 PAGE 1 OF 1

PROJECT NAME Royce Valley Manor # 40857-001.004
 PROJECT MANAGER Steve Strickler
 COMPANY/ADDRESS EMCON
1150 Knutson Rd Suite #4
Medford, Oregon PHONE 770-6777
 SAMPLERS SIGNATURE Steve B Strickler

ANALYSIS REQUESTED

ANALYSIS REQUESTED	REMARKS
Base/Neu/Acid Organics GC/MS 625/8270	
Volatile Organics GC/MS 624/8240	
Halogenated or Aromatic Volatiles 601/8010 □ 602/8020 □	
Pesticides/PCBs 609/8080	
Total Petroleum Hydrocarbons EPA418.1 □ OR418.1 □ WA418.1 □	
TPH/Gas/BTEX 5030/8015/8020 Gas □ BTEX □	
TPH/8015 Modified Diesel □ Hydrocarbon Scan □	
TPH/HCID □ OR/HCID □ TCLP	
Metals □ VOA □ VOA4(E) Br Metals (Total) or dissolved List Below	
Cyanide	
PH Cond. (Cl) SO ₄ PO ₄ (E) Br NO ₂ , NO ₃ (circle) NH ₃ -N, COD, Total-P, TKN, TOC (circle)	
Total Organic Halides (TOX) 9020 Cl(AOX) 1650A7	HCO ₃ - CO ₃ +

NUMBER OF CONTAINERS 4

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX
RUM-SW3-497	4/3/97	1200		Water

RELINQUISHED BY:
 Signature Steve Strickler
 Printed Name Steve Strickler
 Firm EMCON
 Date/Time 4/3/97 1200

RECEIVED BY:
 Signature [Signature]
 Printed Name [Name]
 Date/Time 4/4/97 1030

RELINQUISHED BY:
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____

RECEIVED BY:
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____

TURNAROUND REQUIREMENTS
 24 hr. 48 hr. 5 day
 Standard (10-15 working days)
 Provide Verbal Preliminary Results
 Provide FAX preliminary Results
 Requested Report Date _____

REPORT REQUIREMENTS
 I. Routine Report
 II. Report (includes DUP, MS, MSD, as required, may be changed as samples)
 III. Data Validation Report (includes All Raw Data)
 IV. CLP Deliverable Report

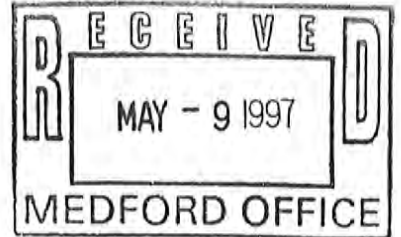
INVOICE INFORMATION:
 P.O.# _____
 Bill To EMCON Medford.

SAMPLE RECEIPT:
 Shipping VIA Greenhand
 Shipping # 25498 3170
 Condition: _____
 Lab No. K97-205

SPECIAL INSTRUCTIONS/COMMENTS:

Metals - Total Cations: Ca, Mg, K, Na, Fe
Custody Seal # 15573

000005



**Columbia
Analytical
Services** inc.

May 7, 1997

Service Request No: K9702403

Steve Strickler
EMCON
1150 Knutson Road, Suite 4
Medford, OR 97504-4157

Re: Rogue Valley Manor/40857-001.004

Dear Steve:


Enclosed are the results of the sample(s) submitted to our laboratory on April 14, 1997. For your reference, these analyses have been assigned our service request number K9702403.

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the samples analyzed.

Please call if you have any questions. My extension is 239.

Respectfully submitted,

Columbia Analytical Services, Inc.



Howard Boorse
Project Chemist

HB/td

Page 1 of 5

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
J	Estimated concentration. The value is less than the method reporting limit, but greater than the method detection limit.
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NAN	Not Analyzed
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected at or above the MRL
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON
 Project: Rogue Valley Manor/40857-001,004
 Sample Matrix: Water

Service Request: K9702403
 Date Collected: 4/11/97
 Date Received: 4/14/97
 Date Extracted: NA

Inorganic Parameters
 Units: mg/L (ppm)

Analyte:	Bicarbonate Alkalinity as CaCO ₃	Carbonate Alkalinity as CaCO ₃	Chloride	Fluoride	Sulfate
EPA Method:	SM 2320B	SM 2320B	300.0	300.0	300.0
Method Reporting Limit:	20	20	0.2	0.2	0.2
Date Analyzed:	4/22/97	4/22/97	5/2/97	5/2/97	5/2/97

Sample Name	Lab Code	Bicarbonate Alkalinity as CaCO ₃	Carbonate Alkalinity as CaCO ₃	Chloride	Fluoride	Sulfate
RM-SW4-497	K9702403-001	224	24	8.6	ND	25
Method Blank	K9702403-MB	ND	ND	ND	ND	ND

Approved By: asp Date: 5/6/97

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON
Project: Rogue Valley Manor/40857-001.004
Sample Matrix: Water

Service Request: K9702403
Date Collected: 4/11/97
Date Received: 4/14/97
Date Extracted: 4/17/97

Total Metals
Units: µg/L (ppb)

Sample Name: RM-SW4-497 Method Blank
Lab Code: K9702043-001 K9702043-MB
Date Analyzed: 4/17/97 4/17/97

Analyte	EPA Method	MRL		
Calcium	6010A	50	52200	ND
Iron	6010A	20	305	ND
Magnesium	6010A	10	21400	ND
Potassium	6010A	2000	ND	ND
Sodium	6010A	100	28900	ND

Approved By: _____

EMMA

Date: _____

4/23/97



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

1317 South 13th Ave. • Kelso, WA 98626 • (206) 577-7222 • (800) 695-7222 • FAX (206) 636-1068

DATE April 11, 1997 PAGE 1 OF 1

PROJECT NAME Boyer Valley Manor # 41957-001-004
 PROJECT MANAGER Steve Strickler
 COMPANY/ADDRESS Elmum
1150 Knutson Rd Suite #4
Medford, OR 97504-4157 PHONE 770-6177
 SAMPLERS SIGNATURE Steve B Strickler

ANALYSIS REQUESTED	REMARKS
Base/Neu/Acid Organics GC/MS 625/8270	
Volatile Organics GC/MS 624/8240	
Halogenated or Aromatic Volatiles 601/8010 □ 602/8020 □	
Pesticides/PCBs 608/8080	
Total Petroleum Hydrocarbons EPA/18.1 □ OR/418.1 □ WA/418.1 □	
TPH/Gas/BTEX 5030/8015/8020 Gas □ BTEX □	
TPH/8015 Modified Diesel □ Hydrocarbon Scan □	
TPH/HCID □ OR/HCID □	
TPH/HCID □	
TCLP	
Metals (total or dissolved) List Below	
Metals □ VOA □ VOA Herb □ Semi Pest	
Cyanide	
PH Cond (Cl, SO ₄ , PO ₄ , F, Br) NO ₂ , NO ₃ (mcf) NH ₃ , N, COD, Total-P, TKN, TOC (circle)	
Total Organic Halides (TOX) 9020 (IAOX) 1650A □	
HCB ₃ -CC ₃	

TURNAROUND REQUIREMENTS	REPORT REQUIREMENTS	INVOICE INFORMATION:	SAMPLE RECEIPT:
24 hr <input type="checkbox"/> 48 hr <input type="checkbox"/> 5 day <input checked="" type="checkbox"/> Standard (10-15 working days) Provide Verbal Preliminary Results Provide FAX preliminary Results Requested Report Date _____	<input checked="" type="checkbox"/> I. Routine Report <input type="checkbox"/> II. Report (includes DUP, MS, MSD, as required, may be charged as samples) <input type="checkbox"/> III. Data Validation Report (includes All Raw Data) <input type="checkbox"/> IV. CLP Deliverable Report	P.O.# _____ Bill To _____	Shipping VIA: <u>Greyhound</u> Shipping #: <u>654883167</u> Condition: _____ Lab No: _____

NUMBER OF CONTAINERS 4

RECEIVED BY: Steve Strickler Signature
Steve Strickler Printed Name
ELMUM Firm
Date/Time 4/11/97 1530

RECEIVED BY: Mary Coburn Signature
Mary Coburn Printed Name
CAS Firm
Date/Time 4-14-97 16:00

SPECIAL INSTRUCTIONS/COMMENTS:
Total Catims: Ca, Mg, K, Na, Fe
Custody Seal #9133

RELINQUISHED BY: _____ Signature
_____ Printed Name
_____ Firm
Date/Time _____

RECEIVED BY: _____ Signature
_____ Printed Name
_____ Firm
Date/Time _____

**Columbia
Analytical
Services inc.**

May 9, 1997

Service Request No: K9702731

Steve Strickler
EMCON
1150 Knutson Road, Suite 4
Medford, OR 97504-4157

Re: Rogue Valley Manor/40857-001.004

Dear Steve:

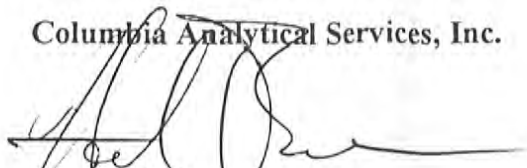
Enclosed are the results of the sample(s) submitted to our laboratory on April 24, 1997. For your reference, these analyses have been assigned our service request number K9702731.

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the samples analyzed.

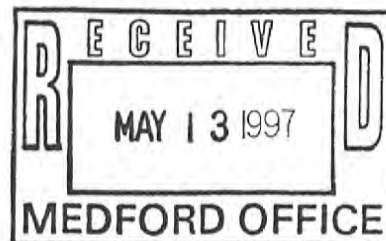
Please call if you have any questions. My extension is 239.

Respectfully submitted,

Columbia Analytical Services, Inc.


Howard Boorse
Project Chemist

HB/td



Page 1 of 8

Acronyms

ASTM	American Society for Testing and Materials
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CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
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DEQ	Department of Environmental Quality
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DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
J	Estimated concentration. The value is less than the method reporting limit, but greater than the method detection limit.
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NAN	Not Analyzed
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected at or above the MRL
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON
 Project: Rogue Valley Manor/40857-001.004
 Sample Matrix: Water

Service Request: K9702731
 Date Collected: 4/21-22/97
 Date Received: 4/24/97
 Date Extracted: NA

Inorganic Parameters
 Units: mg/L (ppm)

Analyte:	Bicarbonate Alkalinity as CaCO ₃	Carbonate Alkalinity as CaCO ₃	Chloride	Fluoride	Sulfate
EPA Method:	SM2320B	SM2320B	300.0	300.0	300.0
Method Reporting Limit:	20	20	0.2	0.2	0.2
Date Analyzed:	4/26/97	4/26/97	5/7/97	5/7/97	5/7/97

Sample Name	Lab Code	Bicarbonate Alkalinity as CaCO ₃	Carbonate Alkalinity as CaCO ₃	Chloride	Fluoride	Sulfate
RVM-GW5-497	K9702731-010	224	ND	47	< 1.0 (D)	10
RVM-GW1-497	K9702731-002	222	ND	46	< 0.4 (D)	11
RVM-SW6-497	K9702731-003	64	ND	2.6	ND	5.4
RVM-GW2-497	K9702731-004	220	ND	47	< 0.4 (D)	11
RVM-SW7-497	K9702731-005	66	ND	2.6	ND	4.8
RVM-GW3-497	K9702731-006	220	ND	47	< 0.4 (D)	10
RVM-SW8-497	K9702731-007	64	ND	2.7	ND	3.7
RVM-GW4-497	K9702731-008	220	ND	48	< 0.4 (D)	10
RVM-SW9-497	K9702731-009	66	ND	3.4	ND	3.6
RVM-SW5-497	K9702731-001	63	ND	2.4	ND	5.2
Method Blank	K9702731-MB	ND	ND	ND	ND	ND

D The MRL is elevated because of matrix interferences and because the sample required diluting.

Approved By:  Date: 5-9-97

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON
 Project: Rogue Valley Manor/40857-001.004
 Sample Matrix: Water

Service Request: K9702731
 Date Collected: 4/21,22/97
 Date Received: 4/24/97
 Date Extracted: 4/29/97

Total Metals
 Units: µg/L (ppb)

Sample Name:	RVM-GW5-497	RVM-GW1-497	RVM-SW6-497
Lab Code:	K9702731-010	K9702731-002	K9702731-003
Date Analyzed:	5/5/97	5/5/97	5/5/97

Analyte	EPA Method	MRL			
Calcium	6010A	50	34800	35700	16800
Iron	6010A	20	56	29	5260
Magnesium	6010A	10	9250	9490	6470
Potassium	6010A	2000	ND	ND	2200
Sodium	6010A	100	84000	85500	7610

Approved By: _____ Date: 5-9-97

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON
 Project: Rogue Valley Manor/40857-001.004
 Sample Matrix: Water

Service Request: K9702731
 Date Collected: 4/21,22/97
 Date Received: 4/24/97
 Date Extracted: 4/29/97

Total Metals
 Units: µg/L (ppb)

Sample Name:	RVM-GW2-497	RVM-SW7-497	RVM-GW3-497
Lab Code:	K9702731-004	K9702731-005	K9702731-006
Date Analyzed:	5/5/97	5/5/97	5/5/97

Analyte	EPA Method	MRL	RVM-GW2-497	RVM-SW7-497	RVM-GW3-497
Calcium	6010A	50	34900	16400	33400
Iron	6010A	20	24	3230	32
Magnesium	6010A	10	9250	6110	8870
Potassium	6010A	2000	ND	2200	ND
Sodium	6010A	100	83900	7690	80700

Approved By: _____



Date: _____

5/6/97

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON
Project: Rogue Valley Manor/40857-001,004
Sample Matrix: Water

Service Request: K9702731
Date Collected: 4/21,22/97
Date Received: 4/24/97
Date Extracted: 4/29/97

Total Metals
Units: µg/L (ppb)

Sample Name:	RVM-SW8-497	RVM-GW4-497	RVM-SW9-497
Lab Code:	K9702731-007	K9702731-008	K9702731-009
Date Analyzed:	5/5/97	5/5/97	5/5/97

Analyte	EPA Method	MRL			
Calcium	6010A	50	15600	34500	16400
Iron	6010A	20	4280	21	3130
Magnesium	6010A	10	5990	9160	6180
Potassium	6010A	2000	ND	ND	ND
Sodium	6010A	100	7180	83700	7560

Approved By: _____ Date: 5/6/97

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: EMCON
Project: Rogue Valley Manor/40857-001.004
Sample Matrix: Water

Service Request: K9702731
Date Collected: 4/21,22/97
Date Received: 4/24/97
Date Extracted: 4/29/97

Total Metals
Units: µg/L (ppb)

Sample Name: RVM-SW5-497 Method Blank
Lab Code: K9702731-001 K9702731-MB
Date Analyzed: 5/5/97 5/5/97

Analyte	EPA Method	MRL		
Calcium	6010A	50	17200	ND
Iron	6010A	20	4570	ND
Magnesium	6010A	10	6460	ND
Potassium	6010A	2000	ND	ND
Sodium	6010A	100	7690	ND

Approved By: _____



Date: 5-9-97



nbj Analytical Services Inc
1317 South 13th Ave. • Kelso, WA 98626 • (360) 577-7222 • (800) 695-7222 • FAX (360) 636-1088

CHAIN OF CUSTODY LABORATORY ANALYSIS REQUEST FORM
DATE: April 21, 1997 PAGE 1 OF 1

PROJECT NAME: Keyes Valley Member # 40857-COL-004
PROJECT MANAGER: Steve Strickler
COMPANY/ADDRESS: EMCON
1150 Knutsen Rd Suite #4 Medford, Oregon
97504-4157 PHONE: 770-6977
SAMPLERS SIGNATURE: Steve B Strickler

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED	REMARKS
RVM-SW5-497	4/21/97	1330	97-2131-11	Water	2	Base/Neu/Acid Organics GC/MS 625/8270 Volatile Organics GC/MS 624/8240 Halogenated or Aromatic Volatiles 601/8010 <input type="checkbox"/> OR 602/8020 <input type="checkbox"/> Pesticides/PCBs 608/8080 Total Petroleum Hydrocarbons EPA/418.1 <input type="checkbox"/> OR/418.1 <input type="checkbox"/> WA/418.1 <input type="checkbox"/> TPH/Gas/BTEX 5030/8015/8020 Gas <input type="checkbox"/> BTEX <input type="checkbox"/> TPH/8015 Modified Diesel <input type="checkbox"/> Hydrocarbon Scan <input type="checkbox"/> TPH/HCID <input type="checkbox"/> OR/HCID <input type="checkbox"/> TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> Semi Pest/VOA <input type="checkbox"/> Herb <input type="checkbox"/> Metals (total or dissolved) List Below Cyanide pH, Cond, (Cl) (SO4) PO4, Br NO2, NO3, (circle) NH3-N, COD, Total-P, TKN, TOC (circle) Total Organic Halides (TOX) 9020 (AOX) 1650A.7 HCO3-CO3	
RVM-GW1-497		1350			2		
RVM-SW6-497		1730			2		
RVM-GW2-497		1750			2		
RVM-SW7-497		2130			2		
RVM-GW3-497	4/21/97	2150			2		
RVM-SW8-497	4/22/97	705			2		
RVM-GW4-497		723			2		
RVM-SW9-497		1120			2		
RVM-GW5-497	4/22/97	1148			2		

RELINQUISHED BY: Steve B Strickler
Signature: Steve Strickler
Printed Name: Steve Strickler
Firm: EMCON
Date/Time: 4/23/97 1315

RECEIVED BY: Steve B Strickler
Signature: Steve Strickler
Printed Name: Steve Strickler
Firm: EMCON
Date/Time: 4/24/97 1330

TURNAROUND REQUIREMENTS
24 hr 48 hr 5 day
Standard (10-15 working days)
Provide Verbal Preliminary Results
Provide FAX preliminary Results
Requested Report Date: _____

REPORT REQUIREMENTS
I. Routine Report
II. Report (includes DUP MS, MSD as required, may be changed as samples)
III. Data Validation Report (includes All Raw Data)
IV. CLP Deliverable Report

INVOICE INFORMATION:
P.O.# _____
Bill To: EMCON Medford
Shipping Via: Greghound
Shipping #: 185-498 3158
Condition: _____
Lab No: K97-2731

RELINQUISHED BY: _____
Signature: _____
Printed Name: _____
Firm: _____
Date/Time: _____

RECEIVED BY: _____
Signature: _____
Printed Name: _____
Firm: _____
Date/Time: _____

SPECIAL INSTRUCTIONS/COMMENTS:
Total Contams: Ca, Mg, K, Na, Fe.
Please disregard circled analyses on sample containers - 985,
Custody Seals: 19996 + 19143