



State of Oregon
Water Resources Department
 158 12th Street NE, Salem, OR 97310
 (503)378-8455 • (800)624-3199
 www.wrd.state.or.us

Application for a Permit to Use Ground Water

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

1. APPLICANT INFORMATION

A. Individuals

Applicant: TOM MALLAMS
First Last

Co-applicant: BEV MALLAMS
First Last

Mailing address: P.O. Box 249
BEATHY ORE 97621
City State Zip

Phone: 541-533-2580 SAME
Home Work Other

*Fax: 541-533-3378 *E-Mail address: _____

B. Organizations

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

Name of organization: NA

Name and title of person applying: _____

Mailing address of organization: _____

City State Zip

Phone: _____
Day Evening

*Fax: _____ *E-Mail address: _____

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*Optional information

MAY 03 2001

For Department Use		
App. No. <u>G15484</u>	Permit No. _____	Date <u>5/3/01</u>

2. PROPERTY OWNERSHIP

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

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

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

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

3. GROUND WATER DEVELOPMENT

A. Number of well(s): 1 B. Name of nearest surface water body: SYCAN RIVER

C. Distance from well(s) to nearest stream or lake: 1) 2700 FEET

2) _____ 3) _____ 4) _____

D. If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) WELL HEAD 30 FEET HIGHER

2) _____ 3) _____ 4) _____

E. Well Characteristics

Wells must be constructed according to standards set by the Department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well constructor's log and the well ID number, if available, for each well with this application. Identify each well with a number corresponding to the wells designated on the map and proceed to question F in this section of the form. If the well has not been constructed, or if you do not have a well log, please complete the following:

Well(s) will be constructed by: NORM SEVEY Well DRILLING

Address: 5619 Leland DR. KLAMATH FALLS, ORE 97603

Completion date: SPRING OR SUMMER 2001

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

SEE ATTACHED well log from nearest well

Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth

F. Artesian Flows

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

GATE VALVE INSTALLED to shut off ARTESIAN FLOW

4. WATER USE

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

A. Type(s) of Use(s)

See list of beneficial uses provided in the instructions.

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

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B. Amount of Water

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

Well No.	Source or aquifer	Type of use	Total rate of water requested (in gpm)	Total annual quantity (in gallons)	Production rate of well (in gpm)
1		IRRIGATION	790	137,248,020	Projected 1,000 gpm

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 1.76 ^{twm} 2.0
 (The fees for your application will be based on this amount.)

D. Period of Use

Indicate the time of year you propose to use the water: 1 APRIL - 31 October
 (For seasonal uses like irrigation give dates when water use would begin and end, e.g. March 1–October 31.)

E. Acreage

If you will be applying water to land, please give the total number of acres where water will be applied or used: 140.4
 (This number should be consistent with you application map.)

5. WATER MANAGEMENT

A. Diversion

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

- Pump (give horsepower and pump type) 1-30 HP TURBINE + 1 30 HP pressure pump
- Other means (describe) _____

B. Transport

How will you transport water to your place of use?

- Ditch or canal (give average width and depth)
 Width _____ Depth _____
 Is the ditch or canal to be lined? Yes No
- Pipe (give diameter and total length)
 Diameter 10" / 6" Length 750 FT. / 2540 FT.
- Other (describe) _____

C. Application/Distribution Method

What equipment will you use to apply water to your place of use? 2020 ft. 5" wheel line + 1220 ft 4" wheel line + 280 ft 4" wheel line + 1320 ft 4" pack line + Big gun sprinkler

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

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

Distribution method

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

D. Conservation

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

Flow control nozzels on 5" wheel line - we used wheel lines for more even distribution of water on uneven ground

6. PROJECT SCHEDULE

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

Proposed date construction will begin Spring 2001

Proposed date construction will be completed Summer 2001

Proposed date beneficial water use will begin Spring 2002

Application No. 7154 RECEIVED
 7. REMARKS Permit No. 537.621(4) MAY 09

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

I am requesting a greater amount of water than the standard. The higher amount is needed because of sandy soil & sloping ground that dries out faster than usual, so we have to rotate our irrigation schedule more often than would be usual

537.621(4)

8. MAP REQUIREMENTS

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

9. SIGNATURE

By my signature below I confirm that I understand:

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

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

Tom Mallam
Signature of Applicant

2 MAY 2001
Date

Bob Mallam
Signature of Co-applicant

2 May 2001
Date

Before you submit your application be sure you have:

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



Oregon Water Resources Department

FORM I
FOR IRRIGATION WATER USE

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

Primary Supplemental

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

Primary: 140.4 Acres

Secondary: _____ Acres

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

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

- 1. ALFALFA HAY Full season Partial season (from: 1 APR. 1 to 31 OCT)
- 2. _____ Full season Partial season (from: _____ to _____)
- 3. _____ Full season Partial season (from: _____ to _____)
- 4. _____ Full season Partial season (from: _____ to _____)

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

421.2 acre-feet

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

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

- Daily during daytime hours Daily during nighttime hours
- Two or three times weekly during daytime Two or three times weekly during nighttime
- Weekly, during daytime hours Weekly, during nighttime hours
- Other, explain: _____

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Application No. 915484
Permit No.



Oregon Water Resources Department Land Use Information Form

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

To Be Completed By Applicant

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

A. Applicant

Name: TOM & BEV MALLAMS

Address: P.O. Box 249, 29163 GODDOWA SPRINGS ROAD

City: BEATY State: ORE Zip: 97621 Day Phone: 541-533-2580

B. Land and Location

Please provide information as requested below for all tax lots on or through which water will be diverted, conveyed, or used. Check "diverted" if water is diverted (taken) from its source on tax lot, "conveyed" if water is conveyed (transported) on tax lot, and "used" if water will be put to beneficial use on tax lot. More than one box may be checked. (Attach extra sheets as necessary.) Applicants for municipal use, or irrigation uses within irrigation districts, may substitute existing and proposed service area boundaries for the tax lot information requested below.

Tax Lot I.D.	Plan Designation (e.g. Rural Residential/RR-5)	Water to be: (check all that apply)		
<u>PARCEL 1 LP 38-92</u>		<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used
		<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used
		<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used

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

KLAMATH Application No. 515484
Permit No.

C. Description of Water Use

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

Beneficial Use(s): IRRIGATION & STOCK WATER

Briefly describe: WATER Pumped from new well Through 10" x 6" MAINLINE RUNNING N. & S. ON EAST boundary of Property - Lateral LINES are 2-4" wheelines + 1-5" wheeline IRRIGATING ALFALFA HAY

D. Source

Indicate the source for the proposed water use:

Reservoir/Pond Ground Water Surface Water

(source)

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E. Quantity

Indicate the estimated quantity of water the use will require:

421.2

CFS

GPM

Acre-Feet

For Local Government Use Only

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

A. Allowed Use

Check the appropriate box below and provide requested information.

- Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s); ARTICLE 54. Go to section B "Approval" below
- Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below.

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

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

B. Approval

Please provide printed name and written signature.

Name: ALLEN GEORGE Date: 4/23/01

Title: PLANNER Phone: (541) 883-4200

Signature: Allen George

C. Additional Comments

Local governments are invited to express special land use concerns or make recommendations to the Department regarding this proposed use of water below, or on a separate sheet.

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

WATER WELL REPORT

STATE OF OREGON 61918

State Well No.

State Permit No.

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

(1) OWNER: Name John & Lillian Mills Address P.O. Box 145 Beatty, Oregon

(2) LOCATION OF WELL: County Klamath Owner's number, if any - N=1 SF 1/4 SE 1/4 Section 34 T. 35S, R. 12E, W.M. Bearing and distance from section or subdivision corner N. 4° 15' W. - 795.0 ft. from S.E. corner of Sec. 34, T. 35S, R. 12E W.M.

(3) TYPE OF WORK (check): New Well [x] Deepening [] Reconditioning [] Abandon [] If abandonment, describe material and procedure in Item 11. PROPOSED USE (check): Domestic [] Industrial [] Municipal [] Irrigation [] Test Well [] Other [] (5) TYPE OF WELL: Rotary [] Driven [] Cable [] Jetted [] Dug [] Bored []

(6) CASING INSTALLED: Threaded [] Welded [] 1 1/2" Diam. from 0 ft. to 30 ft. Gage 250

(7) PERFORATIONS: Perforated? [] Yes [x] No Type of perforator used SIZE of perforations in. by in. perforations from ft. to ft.

(8) SCREENS: Well screen installed [] Yes [x] No Manufacturer's Name Type Model No. am. Slot size Set from ft. to

(9) CONSTRUCTION: Was well gravel packed? [] Yes [x] No Size of gravel: Gravel placed from ft. to ft. Was a surface seal provided? [x] Yes [] No To what depth? 75 Material used in seal - cement Did any strata contain unusable water? [x] Yes [] No Type of water? good Depth of strata 25 Method of sealing strata off cement

(10) WATER LEVELS: Static level ft. below land surface Date Artesian pressure lbs. per square inch Date Log Accepted by: [Signed] Date 10.

(11) WELL TESTS: Drawdown is amount water level is lowered below static level Was a pump test made? [x] Yes [] No If yes, by whom? State Pump Yield: 1250 gal./min. with 60 ft. drawdown after 2 hrs. Bailer test gal./min. with ft. drawdown after hrs. Artesian flow 200 g.p.m. Date Nov 16 Temperature of water Was a chemical analysis made? [] Yes [x] No

(12) WELL LOG: Diameter of well 12 inches. Depth drilled 845 ft. Depth of completed well 845 ft. Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

Table with columns MATERIAL, FROM, TO. Rows include: Top soil (0-3), cement gravel (3-7), yellow sandstone (7-15), yellow shale (15-27), gravel (27-33), blue shale (33-68), blue shale and sand (68-82), blue shale (82-127), gravel (127-131), blue shale (131-147), gravel (147-151), shale (151-159), sand (159-196), shale (196-225), shale and sand (225-372), gravel (372-394), shale (394-448), rock and gravel (448-600), shale and sand (600-756), white lime rock (756-845)

RECEIVED Application No. 15484 Permit No. MAY 10 2001

(13) PUMP: Manufacturer's Name Sam and Builder Type Turbine H.P. 30

Well Driller's Statement: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. NAME W. L. Hartley & Son Address Beavercreek Driller's well number [Signed] W. L. Hartley (Well Driller) License No. 164 Date Nov 16 1960