

Application for a Permit to Use Ground Water



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

| | | | |
|------------|-------|------------|---------|
| NAME | | PHONE (HM) | |
| PHONE (WK) | CELL | | FAX |
| ADDRESS | | | |
| CITY | STATE | ZIP | E-MAIL* |

Organization Information

| | | | |
|--|-------------|-------------------------|---------------------------------|
| NAME BARLOW OAKS LLC ATTN: DEVIN COOPER | | PHONE (503) 263-6405 | FAX (503) 266-6302 |
| ADDRESS 25571 S. BARLOW ROAD | | CELL | |
| CITY CANBY | STATE OR | ZIP 97013 | E-MAIL* WILLAMETTE@CANBY.COM |

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

| | | | |
|--|-------------|-------------------------|-----------------------------------|
| AGENT / BUSINESS NAME STEVEN R. BRUCE SKOOKUM WATER ASSOCIATES INC. | | PHONE (503) 319-8926 | FAX |
| ADDRESS P.O. Box 80174 | | CELL (503) 319-8926 | |
| CITY PORTLAND | STATE OR | ZIP 97280 | E-MAIL* STEVE@SKOOKUMWATER.COM |

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

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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.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- 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 cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.

JUN 04 2013

SALEM, OR

I (we) affirm that the information contained in this application is true and accurate.

Applicant Signature

Applicant Signature

Devin Cooper

Print Name and title if applicable

Print Name and title if applicable

Date

Date

| | | |
|-------------------------|------------------|------------|
| For Department Use | | |
| App. No. <u>G-17680</u> | Permit No. _____ | Date _____ |

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

Yes

- There are no encumbrances.
- This land is encumbered by easements, rights of way, roads or other encumbrances.

No

- I have a recorded easement or written authorization permitting access.
- I do not currently have written authorization or easement permitting access.
- Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
- Water is to be diverted, conveyed, and/or used only on federal lands.

List the names and mailing addresses of all affected landowners (*attach additional sheets if necessary*).

NA

SECTION 3: WELL DEVELOPMENT

| WELL NO. | NAME OF NEAREST SURFACE WATER | IF LESS THAN 1 MILE: | |
|----------|---|-----------------------------------|--|
| | | DISTANCE TO NEAREST SURFACE WATER | ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD |
| 1 | Unnamed Reservoir (see Certificate 22820) | 1,900 ft (approx.) | 15 ft (estimated) |
| 2 | Unnamed Reservoir (see Certificate 22820) | <50 feet | 5 feet (estimated) |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials (*attach additional sheets if necessary*).

Well 1 is CLAC 56198. Well 2 is CLAC 2555 & CLAC 2556. No other alterations have been done on the wells.

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Sediments (likely Troutdale Formation)

Total maximum rate requested: 1.105 cfs (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

Complete the table below. If this is an existing well, the following information may be found on the applicable well log. *(If a well log is available, please submit it in addition to completing the table.)* If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner.

08921-2

| OWNER'S WELL NAME OR NO. | PROPOSED | EXISTING | WELL ID (WELL TAG) NO.* OR WELL LOG ID** | FLOWING ARTESIAN | CASING DIAMETER | CASING INTERVALS (IN FEET) | PERFORATED OR SCREENED INTERVALS (IN FEET) | SEAL INTERVALS (IN FEET) | MOST RECENT STATIC WATER LEVEL & DATE (IN FEET) | PROPOSED USE | | | |
|--------------------------|--------------------------|-------------------------------------|--|-------------------------------------|-----------------|---|--|--------------------------|---|---------------------------------|----------------------|--------------------------|---------------------------|
| | | | | | | | | | | SOURCE AQUIFER*** | TOTAL WELL DEPTH | WELL-SPECIFIC RATE (GPM) | ANNUAL VOLUME (ACRE-FEET) |
| 1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | CLAC 56756 | <input type="checkbox"/> | 16, 10 & 8 in | 0 to 24 ft, + 2 to 58 ft & 98 to 103 ft | 58 to 98 ft | 0 to 24 ft & 103-410 ft | 33.3 ft below ground surface on 3/27/2008 | Sediments (likely Troutdale Fm) | 103 ft after sealing | | |
| 2 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | CLAC 2555 & 25556 | <input checked="" type="checkbox"/> | 8 in | 0 to 426 ft | 18 to 195 ft | Unknown | 1.5 psi on Dec 14, 1960 | Sediments (likely Troutdale Fm) | 435 ft | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | | | | | | | | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | | | | | | | | | |

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.
 ** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.
 *** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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SECTION 4: WATER USE

| USE | PERIOD OF USE | ANNUAL VOLUME (ACRE-FEET) |
|---------|---------------|---------------------------|
| Nursery | Year-Round | 176.8 |

Exempt Uses: Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: NA Acres Supplemental: NA Acres

List the Permit or Certificate number of the underlying primary water right(s): _____

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

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: NA
If the use is **mining**, describe what is being mined and the method(s) of extraction: NA

SECTION 5: WATER MANAGEMENT

A. Diversion and Conveyance

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

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Pump (give horsepower and type): 10 hp submersibles

Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Water will be diverted from the wells using 8 and 4- inch-diameter PVC pipelines connected to 2-inch-diameter laterals. There will be 5/8-inch-diameter drip lines connected to the laterals.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)
Drip and overhead sprinklers.

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

The water will be used for seedbeds, bare root trees and in-ground and containerized nursery stock, largely located within shade houses to conserve water from the overhead sprinklers. Water will also be applied by drip irrigation methods for efficiency. The land has been farmed for decades and no new infrastructure is needed. The wells have flowmeters.

SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

If you would like to store ground water in a reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Reservoir name: NA Acreage inundated by reservoir: NA

Use(s): NA

Volume of Reservoir (acre-feet): NA Dam height (feet, if excavated, write "zero"): NA

Note: If the dam height is greater than or equal to 10.0' above land surface AND the reservoir will store 9.2 acre feet or more, engineered plans and specifications must be approved prior to storage of water.

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

If you would like to use stored ground water from the reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Annual volume (acre-feet): NA

| USE OF STORED GROUND WATER | PERIOD OF USE |
|----------------------------|---------------|
| NA | NA |

SECTION 8: PROJECT SCHEDULE

Date construction will begin: As soon as permit is issued

Date construction will be completed: October 31, 2016

Date beneficial water use will begin: As soon as permit is issued

SECTION 9: WITHIN A DISTRICT

Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

| | | |
|--------------------------------|---------|-----|
| Irrigation District Name NA | Address | |
| City | State | Zip |

SECTION 10: REMARKS

Use this space to clarify any information you have provided in the application (*attach additional sheets if necessary*).

A pre-application conference was held with Jerry Sauter of the Department on 12/11/2012. The requested rate of 1.105 cfs and 4 acre-feet/acre would be obtained from a combination of one or both wells.

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Land Use

Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

This form is NOT required if:

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and **all** of the following apply:
 - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

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APR 10 2010

SACR 10-10

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Applicant: Barlow Oaks LLC Attn: Devin Cooper
First Last

Mailing Address: 25571 S. Barlow Road

Canby
City

OR
State

97013
Zip

Daytime Phone: (503)263-6405

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. 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.

| Township | Range | Section | ¼ ¼ | Tax Lot # | Plan Designation (e.g., Rural Residential/RR-5) | Water to be: | | | Proposed Land Use: |
|----------|-------|---------|-----|-----------|---|-----------------------------------|-----------------------------------|-------------------------------|--------------------|
| See | | | | | | <input type="checkbox"/> Diverted | <input type="checkbox"/> Conveyed | <input type="checkbox"/> Used | |
| Attached | | | | | | <input type="checkbox"/> Diverted | <input type="checkbox"/> Conveyed | <input type="checkbox"/> Used | |
| List | | | | | | <input type="checkbox"/> Diverted | <input type="checkbox"/> Conveyed | <input type="checkbox"/> Used | |

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Clackamas County

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- Permit to Use or Store Water
 Water Right Transfer
 Permit Amendment or Ground Water Registration Modification
 Limited Water Use License
 Allocation of Conserved Water
 Exchange of Water

Source of water: Reservoir/Pond
 Ground Water
 Surface Water (name) _____

Estimated quantity of water needed: 176.8
 cubic feet per second
 gallons per minute
 acre-feet

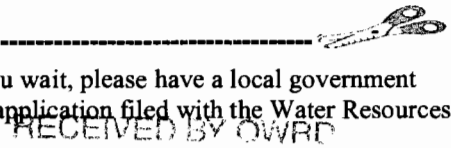
Intended use of water: Irrigation
 Commercial
 Industrial
 Domestic for _____ household(s)
 Municipal
 Quasi-Municipal
 Instream
 Other Nursery

Briefly describe:

Water from two existing wells will be used to drip irrigate seed beds, bare root trees and in-ground and containerized nursery stock.

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →



ATTACHMENT TO:

Oregon Water Resources Department
Land Use Information Form

Applicant Name: Barlow Oaks LLC

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), or used. 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.

| Township | Range | Section | ¼ ¼ | Tax Lot # | Plan designation | Water to be: | Proposed Land Use: |
|----------|-------|---------|-------|-----------|------------------|--|--------------------|
| 5 S | 1 E | 7 | SE SW | 900 | EFU | <input type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used | No Change |
| 5 S | 1 E | 7 | SW SE | 900 | EFU | <input type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used | No Change |
| 5 S | 1 E | 18 | NW NE | 900 | EFU | <input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used | No Change |
| 5 S | 1 E | 18 | SW NE | 900 | EFU | <input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used | No Change |
| 5 S | 1 E | 18 | NE NW | 900 | EFU | <input type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used | No Change |
| 5 S | 1 E | 18 | SE NW | 900 | EFU | <input type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used | No Change |

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Page 1 of 1

JUN 04 2018

61-17680

SALEM OR

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): 701.

Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

| Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.) | Cite Most Significant, Applicable Plan Policies & Ordinance Section References | 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 |

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

farm use

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Name: Clayton G. Glasgow Title: Planner Phone: 503 742-420 Date: 4-16-13
 Signature: *[Signature]*
 Government Entity: Clackamas County

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____
 City or County: _____ Staff contact: _____
 Signature: _____ Phone: _____ Date: _____

ORIGINAL
File Original, and
Duplicate with the
STATE ENGINEER,
SALEM, OREGON

WATER WELL DRILLERS REPORT

OBSERVATION WELL, STATE OF OREGON

Do Not State Well No. 571-1850
File In App G715
State Permit No. _____

(1) OWNER:

Name Warren Bremer
Address Rt. 1, Hubbard, Ore.
02555
CLAG

(10) WELL TESTS:

Was a pump test made? Yes No If yes, by whom? Driller
Yield: 130 gal./min. with 86 ft. draw down after 4 1/8 hrs.
" " " " " "
" " " " " "
Artesian flow 18 g.p.m.
Shut-in pressure 1 1/2 lbs. per square inch.
Baller test _____ g.p.m. with _____ ft. drawdown
Temperature of water 53 Was a chemical analysis made? Yes No
Was electric log made of well? Yes No

(2) LOCATION OF WELL:

County Clackamas Owner's number, if any- #1
R. F. D. or Street No. _____
Bearing and distance from section or subdivision corner
40 feet North of center of section 18 on North
1/4 line, in SW 1/4 of NE 1/4 of 18.

(3) TYPE OF WORK (check):

New well Deepening Reconditioning Abandon
 abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) EQUIPMENT:

Rotary
Cable
Dug Well

(6) CASING INSTALLED:

Threaded Welded
FROM 0 ft. to 86 ft. 8" Diam. Gage or Wall _____
" " " " " " _____
" " " " " " _____
" " " " " " _____
" " " " " " _____
Type and size of shoe or well ring Standard Size of gravel: _____
Describe joint Butt Weld

If gravel packed

| Diameter of Bore | from ft. | to ft. |
|------------------|----------|--------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

(11) WELL LOG:

Diameter of well, 8 inches. 436 ft.
Total depth 97 ft. Depth of completed well 97 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.
0 ft. to 3 ft. Top soil
3 " 7 " Brown clay
7 " 22 " Brown silt
22 " 31 " Blue silt
31 " 37 " Blue clay
37 " 39 " Brown sand & clay mixed
39 " 50 " Brown sand, clay & small gravel
50 " 52 " Blue clay
52 " 56 " Brown sand
56 " 67 " Dark sand & gravel (water) Artesian
67 " 75 " Light blue clay
75 " 83 " Dark silt
83 " 87 " Dark shale (soft)
87 " 93 " Block sand
93 " 97 " Light blue clay
" " " "
" " " "
" " Deepened (Dec. 1960) WSB
" " " "
" " " "
" " " "
" " " "
" " " "
" " " "
" " " "

(7) PERFORATIONS:

Type of perforator used Star
SIZE of perforations 1 1/8 in., length, by 3/8 in.
FROM 60 ft. to 68 ft. 5 perf per foot 5 No. of rows
" " " " " " " "
" " " " " " " "
" " " " " " " "
" " " " " " " "

SCREENS:

Give Manufacturer's Name, Model No. and Size

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes No To what depth _____ ft.
Were any strata sealed against pollution? Yes No
If yes, note depth of strata _____
FROM _____ ft. to _____ ft.
" " " "

METHOD OF SEALING

(9) WATER LEVELS:

Depth at which water was first found 3 ft.
Standing level before perforating 15 ft.
Standing level after perforating plus 3 Head ft.

Log Accepted by:

[Signed] Warren Bremer Dated May 8, 1957
Owner

Ground elevation at well site _____ feet above mean sea level.
Work started April 29 1957. Completed May 8 1957

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 John W. Beck Well Drilling
(Person, firm, or corporation) (Typed or printed)

Address Rt. 3, Box 45, Canby, Ore.
Driller's well number 388

[Signed] John W Beck
(Well Driller)

License No. 95 Dated May 8, 1957

No haul - 8" - 100 ft deep??
CK
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G77680

alleged interference with own well at Window Place 6/17/66 was. 5/1-1861

OBSERVATION WELL

5/1-18F(1)

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

WATER WELL REPORT

State Well No. _____

STATE OF OREGON **G715**

State Permit No. **G630**

(1) OWNER:

Name Warren Bremer
Address Rt 1 Box 176
Hubbard, Ore. **02556**
CRAC

(2) LOCATION OF WELL:

County Columbia Owner's number, if any—
1/4 Section T. R. W.M.
Bearing and distance from section or subdivision corner

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? Driller
Yield: 130 gal./min. with 110 ft. drawdown after 240 hrs.
" " " " " "
" " " " " "
Ballor test gal./min. with ft. drawdown after hrs.
Artesian flow 5 g.p.m. Date Dec 14 60
Temperature of water 53 Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well 8" O.D. inches.
Depth drilled 435 ft. Depth of completed well 426 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.

| MATERIAL | FROM | TO |
|--|------------|------------|
| <u>Original depth 90 Ft.</u> | | |
| <u>to level of fine sand</u> | <u>90</u> | <u>96</u> |
| <u>Blue clay</u> | <u>96</u> | <u>140</u> |
| <u>Gray clay</u> | <u>140</u> | <u>240</u> |
| <u>Green clay</u> | <u>240</u> | <u>260</u> |
| <u>Dark Blue clay</u> | <u>260</u> | <u>280</u> |
| <u>Fine sand (some water)</u> | <u>280</u> | <u>290</u> |
| <u>Light Blue clay</u> | <u>290</u> | <u>320</u> |
| <u>Dark Blue clay with Brown streaks</u> | <u>320</u> | <u>410</u> |
| <u>Light Blue clay</u> | <u>410</u> | <u>420</u> |
| <u>Black silt</u> | <u>420</u> | <u>425</u> |
| <u>Fine sand (soft sand stone)</u> | <u>425</u> | <u>435</u> |

(3) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic Industrial Municipal Rotary Driven
Irrigation Test Well Other Cable Jetted
Dug Bored

(5) TYPE OF WELL:

(6) CASING INSTALLED:

Threaded Welded
8" Diam. from 0 ft. to 426 ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(7) PERFORATIONS:

Perforated? Yes No
Type of perforator used _____
SIZE of perforations 1/4 in. by 1 1/2 in.
750 perforations from 67 ft. to 98 ft.
225 perforations from 18 ft. to 195 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

(8) SCREENS:

Well screen installed Yes No
Manufacturer's Name _____
Type _____ Model No. _____
Slot size _____ Set from _____ ft. to _____ ft.
Dash _____ Slot size _____ Set from _____ ft. to _____ ft.

(9) CONSTRUCTION:

Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.
Was a surface seal provided? Yes No To what depth? _____ ft.
Material used in seal—
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(10) WATER LEVELS:

Static level Flowing ft. below land surface Date _____
Artesian pressure 1 1/2 lbs. per square inch Date Dec 14 60

Log Accepted by: _____

[Signed] Warren Bremer Date Dec 16, 1960
(Owner)

(13) PUMP:

Manufacturer's Name _____
Type: Turbin H.P. 10

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 John W Beck Well Drilling
(Person, firm, or corporation) (Type or print)
Address Rt 3 Box 45 Comby
Driller's well number H96
[Signed] John W Beck
(Well Driller)
License No. 95 Date 12-14, 1960

JUN 04 1961

(USE ADDITIONAL SHEETS IF NECESSARY)

SALEM, OR

G-17680

RECEIVED CLAC 56198

OCT 11 2000

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WATER RESOURCES DEPT. SALEM, OREGON

WELL I.D. # L. 43477

START CARD # 136080

Instructions for completing this report are on the back page of this form.

(1) OWNER: Randy Bremer Well Number

Name RANDY BREMER Address 6677 SOUTH HWY 211 City HUBBARD State OR Zip 97032

(2) TYPE OF WORK: [X] New Well [] Deepening [] Alteration [] Abandonment

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 103 ft. Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Sacks or pounds. Rows include Bentonite and Cement seals.

How was seal placed: Method [] A [] B [X] C [] D [] E [X] Other Poured into annular Backfill placed from 0 ft. to 103 ft. Material Gravel placed from 0 ft. to 103 ft. Size of gravel 1/8x1/4

Table for CASING/LINER with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Rows for Casing and Liner.

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tube/pipe size, Casing, Liner. Includes material Stainless.

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

Table for WELL TESTS with columns: Pump/Bailer/Air, Yield gal/min, Drawdown, Drill stem at, Flowing/Artesian, Time. Includes temperature of water 56°F.

Temperature of water 56°F 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 CLACKAMAS Latitude Longitude Township 5S N or S Range 1E E or W. WM. Section 18 NW 1/4 NE 1/4 Tax Lot 00900 Lot Block Subdivision Street Address of Well (or nearest address) BARLOW RD., HUBBARD, OR

(10) STATIC WATER LEVEL: 34 ft. below land surface. Date 0/02/00 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 56

Table for WATER BEARING ZONES with columns: From, To, Estimated Flow Rate, SWL. Shows 60 GPM flow between 81 and 94 ft.

(12) WELL LOG: Ground Elevation

Table for WELL LOG with columns: Material, From, To, SWL. Lists various soil layers like Topsoil, silty clay, sand, and gravel.

Date started 09/18/00 Completed 10/02/00

(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 water supply well construction standards.

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.

WWC Number 1266 Signed Date 10/05/00

G-17680

Legal descriptions

Property where water is to be used:

TL 900

All of the part of the following bounded and described real property situated in the County of Clackamas and the State of Oregon, lying Westerly of the center line of the established Barlow-Monitor County Road located on and over said real property on the date of this conveyance to-wit:

Beginning 2 chains 74 links North and 26 chains 5 links West from the corner stake between Sections 7, 8, 17 and 18, Township 5 South, Range 1 East of the Willamette Meridian; thence West 18 chains 95 links; thence South 21 chains 37 links; thence East 18 chains 95 links; thence North 21 chains 37 links to the point of beginning.

TL 600

Part of Section 18, township 5 South, Range 1 East, of Willamette Meridian, in the County of Clackamas and the State of Oregon, to-wit:

Beginning at the Southwest corner of a tract of land conveyed to Minnie J Sacry by deed recorded December 12, 1898, in Book 66, Page 427, Deed Records, said point being 26.05 chains West of the one-quarter section corner between Sections 17 and 18, in said township and range; thence North tracing the West line of said Sacry tract 21.108 chains; thence West 18.95 chains, more or less, to the East line of a tract conveyed to Silas A, Yoder, et ux, by deed recorded November 6, 1919, in Book 155, Page 287, Deed Records; thence South tracing the East line of said Yoder tract and the East line of a tract conveyed to Milford White, et ux, by deed recorded March 13, 1945, in Book 362, Page 510, Deed Records, 21.108 chains to the one-quarter section line running East and West through the center of said Section 18; thence East on said one-quarter section line 18.95 chains, more or less, to the place of beginning.

Property from which water is to be diverted :

TL 600

Part of Section 18, township 5 South, Range 1 East, of Willamette Meridian, in the County of Clackamas and the State of Oregon, to-wit:

Beginning at the Southwest corner of a tract of land conveyed to Minnie J Sacry by deed recorded December 12, 1898, in Book 66, Page 427, Deed Records, said point being 26.05 chains West of the one-quarter section corner between Sections 17 and 18, in said township and range; thence North tracing the West line of said Sacry tract 21.108 chains; thence West 18.95 chains, more or less, to the East line of a tract conveyed to Silas A, Yoder, et ux, by deed recorded November 6, 1919, in Book 155, Page 287, Deed Records; thence South tracing the East line of said Yoder tract and the East line of a tract conveyed to Milford White, et ux, by deed recorded March 13, 1945, in Book 362, Page 510, Deed Records, 21.108 chains to the one-quarter section line running East and West through the center of said Section 18; thence East on said one-quarter section line 18.95 chains, more or less, to the place of beginning.

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