

IMPORTANT MESSAGE

FOR <u>499</u>	DATE <u>3/11</u>	TIME <u>220</u>	<input checked="" type="radio"/> A.M. <input type="radio"/> P.M.
M. <u>Kevin Crosby</u>			<input checked="" type="checkbox"/> PHONED
OF _____			<input type="checkbox"/> RETURNED YOUR CALL
PHONE <input type="checkbox"/> FAX <input checked="" type="checkbox"/> MOBILE	<u>503</u>	<u>201</u>	<u>3799</u>
	AREA CODE	NUMBER	EXTENSION
MESSAGE _____			<input checked="" type="checkbox"/> PLEASE CALL
<u>G-14805</u>			<input type="checkbox"/> WILL CALL AGAIN
<u>When's the soonest I can</u>			<input type="checkbox"/> CAME TO SEE YOU
<u>drill? or the permit?</u>			<input type="checkbox"/> WANTS TO SEE YOU
SIGNED _____			



**UNITED STATES
POSTAL SERVICE**

FORM 3547 fee due \$0.57

Restricted Data

*First-Class Mail
Postage and Fees Paid
USPS
Permit No. G10*

Oregon Water Resources Department
Water Right Services Division
725 Summer St NE, Ste A
Salem, OR 97301-4546



U.S. POSTAGE PERMIT NO. G10
SALEM, OR 97301
05 JUN 2016
0001888882 MAY 31 2016

ADDRESS SERVICE REQUESTED

Northwest Farm Credit Services, FLCA
PO Box 13308
Salem, OR 97309

G-14805

RECEIVED
JUN 09 2016
OWRD

9730981309 3015



OLD:

**NORTHWEST FARM CREDIT SERVICES
PO BOX 13309
SALEM OR 97309-1309**

NEW:

**650 HAWTHORNE AVE SE STE 210
SALEM OR 97301-5895**

TO THE POSTMASTER OF

**725 SUMMER ST NE STE A
SALEM OR 97301-9998**





Oregon

John A. Kitzhaber, MD, Governor

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

March 01, 2013

KEVIN CROSBY
CROSBY, JENNIFER
PO BOX 2515
SPOKANE WA 99220-2515

GW

The Department has accepted the pump test results for the following permitted well(s):

Application	Permit	Permitted Well	Tested Well	Test Date	Test Status	Exemption	Owner's Well Name
G	14805 G	13622 MARI 54047	MARI 54047	02/20/2009	Approved	None	L-30602

Please contact me if you have any questions.

Sincerely,

Karl Wozniak
Ground Water/Hydrology Section

cc: GW Pump Test File



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

Request for Assignment

RECEIVED
 MAY 14 2012
 WATER RESOURCES DEPT
 SALEM, OREGON

If for multiple rights, a separate form and fee for each right will be required.

I, Kevin W. Crosby and Jennifer D. Crosby
 (Name of Applicant / Permit / Transfer Holder / License Holder/GR Certificate of Registration)

PO Box 70 Woodburn OR 97071 503-580-9322
 (Mailing Address) (City) (State) (Zip) (Phone #)

- hereby assign all my interest in and to application/permit/transfer/license/GR Certificate of Registration;
- hereby assign all my interest in and to a portion of application/permit/transfer/license/GR Certificate of Registration; (You must include a map showing the portion of the application/permit/transfer/license/GR Certificate of Registration to be assigned.)
- hereby assign a portion of my interest in and to the entire application/permit/transfer/license/GR Certificate of Registration:

Application # G-14805; Permit # G-13622; Transfer # _____
 -OR-

License # _____; GR Statement # _____; GR Certificate of Registration # _____

As filed in the office of the Water Resources Director, to:

Northwest Farm Credit Services, FLCA and Kevin W. Crosby and Jennifer D. Crosby
 (Name of New Owner)

PO Box 2515X Spokane WA 99220-2515 509-340-5000
 (Mailing Address) (City) (State) (Zip) (Phone #)

Note: If there are other owners of the property described in the Application, Permit, Transfer, License, or GR Certificate of Registration, you must provide a list of all other owners' names and mailing addresses and attach it to this form.

I hereby certify that I have notified all other owners of the property described in this Application, Permit, Transfer, License, or GR Certificate of Registration of this Request for Assignment

Witness my hand this 4th day of May, 20 12.

Applicant/Permit Holder [Signature]
 Applicant/Permit Holder Jennifer D Crosby

ASS (cont) 5/14/2012

DO NOT WRITE IN THIS BOX

- This certifies assignment and record change at Oregon Water Resources Department effective 8:00a.m. on date of receipt at Salem, Oregon.
 - Fee receipt # 105 714
 - For Director by Jerry Sauter, Program Analyst in Water Rights Division [Signature]

The completed "Request for Assignment" form *must* be submitted to the Department along with the recording fee of \$75.



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department
North Mall Office Building
725 Summer St. NE, Suite A
Salem, OR 97301
Phone 503-986-0900
FAX 503-986-0904
www.wrd.state.or.us

May 15, 2012

Northwest Farm Credit Services
P.O. Box 2515
Spokane, Washington 99220-2515

Reference: Application G-14805, Permit G-13622

The assignment from Kevin Crosby to Northwest Farm Credit Services, FLCA and Kevin W. Crosby and Jennifer D. Crosby has been recorded in the records of the Water Resources Department.

The Departments records will now show, Northwest Farm Credit Services, FLCA and Kevin W. Crosby and Jennifer D. Crosby as the permit holders of record.

Our records have been changed accordingly and the original request is enclosed. Receipt number 105714 covering the recording fee is also enclosed.

Please review the permit to be familiar with the conditions and timelines contained in the permit. These conditions and timelines will have to be met before a Certificate of Water Right can be issued.

Sincerely,

Jerry Sauter
Water Rights Program Analyst
Water Right Services Division

Enclosure: Receipt 105714

cc: Watermaster 16
Kevin W. and Jennifer D. Crosby
Data Center, OWRD (cover letter & request)
Hydrographics
File



MEMORANDUM

TO: DOUG WOODCOCK, GROUND WATER SECTION MANAGER
FROM: CERTIFICATE SECTION - CONNIE VANCE
SUBJECT: PUMP TEST FOR PERMIT G-13622 APPLICATION G-14805
DATE: 3/18/2009

The attached pump test was recently received. We have retained the original for the application file.

S:\groups\wr\certs\Resource Center\pump test memo normal.doc

Oregon Water Resources Department
PUMP TEST FORM COVER SHEET

Well Owner:

Name: Kevin Crosby
 Address: 16826 Butteville Rd NE, P.O. Box 70
 County: Marion
 City: Woodburn State: OR Zip: 97071
 Original owner (from well log): K.W. Crosby Hops

Well Location:

Township: 5 S (N/S) Range: 2 W (E/W)
 Section: 2 1/4: NE 1/4: NW 1/4: _____
 Well depth: 222 Date drilled: 1999
 Owners well no. (if any): _____
 POD ID: L30602

Water Right Information:

Application: G-14805 Permit: G-13022 Certificate: _____
 Is this well listed on more than one water right? Yes If yes, list additional water rights below:
 Application: _____ Permit: _____ Certificate: _____
 Application: _____ Permit: _____ Certificate: _____

Pump Test:

Test Conducted by: Ivan Grossen Well Owner? Yes
 Company: Grossen Well Drilling
 Address: P.O. Box 526 Date of Test: 2/20/09
 City: Woodburn State: OR Zip: 97071
 Daytime phone: (503) 982-2060

Method of discharge measurement (see our brochure for acceptable methods): Flowmeter
 Method of water-level measurement (pick one or enter other method used): E-tape
 Length of air line (if used): _____

Pump type (pick one or enter other method used): Submersible
 Was the pump test conducted during normal use of the well? Yes Note: NO

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? Yes Note: _____
 If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test: _____

Is there a lake, stream or other surface water body within 1/4 mile of the tested well? Yes If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head. Approx. distance: _____ ft Approx. elevation difference: _____ ft
 Well elevation is _____ surface water body.

Description of measuring point (e.g. top port of 1 inch port pipe, west side) 3/4" port on top of casing
 Measuring point distance above land surface 2 feet.

Static water level measurements: (A minimum of three measurements are required in the hour before pumping begins at no less than 20 minutes apart):

Time	Depth to water below meas. point	Depth to water below land surface
<u>9:00</u>	<u>26'</u>	<u>24'</u>
<u>9:20</u>	<u>26'</u>	<u>24'</u>
<u>9:45</u>	<u>26'</u>	<u>24'</u>

Discharge measurements: (A discharge measurement is required at the start of pumping and at least once an hour during the test; additional measurements should be noted on the Pump Test Data Sheet):

Time	Discharge Rate	Discharge Units (e.g. gpm, cfs, etc)
<u>10:00</u>	<u>450</u>	<u>gpm</u>
<u>11:00</u>	<u>450</u>	<u>gpm</u>
<u>12:00</u>	<u>450</u>	<u>gpm</u>
<u>1:00</u>	<u>450</u>	<u>gpm</u>

Time pump turned on: Date 2/20/09 Time 10:00 AM
 Time pump turned off: Date 2/20/09 Time 2:00 PM
 Total pumping time: 4 hours 0 minutes

Note: Well must be idle for at least 16 hours prior to the test.

Additional forms can be obtained from our web site at: <http://www.wrd.state.or.us>

OWRD 2/9/2000

Required Signature: Ivan Grossen

RECEIVED

MAR 17 2009

WATER RESOURCES DEPT
 SALEM, OREGON

CROSSBY KA

PUMP TEST DATA SHEET

Application: G-14805 Permit: 6-13622 Certificate: _____ Pod Id: L30602

All water-level measurements must either be in feet and inches, or feet and decimal fractions.

Drawdown Data

Recovery Data

Date	Time	Time Since Pump Started (minutes)	Depth to Water Below Measuring Pt	Depth to Water Below Land Surface	Comments	Date	Time	Time Since Pump Stopped (minutes)	Depth to Water Below Measuring Pt	Depth to Water Below Land Surface	Comments
2/20/09	10:02	2	58	56	26' static	2/20/09	2:02	2	42.76	40.76	2' correction factor
	10:04	4	59.86		2' correction factor		2:04	4	41.92		
	10:06	6	60.55		450 GPM		2:06	6	39.53		
	10:08	8	61.24				2:08	8	39.30		
	10:10	10	62.17				2:10	10	39.07		
	10:15	15	62.63				2:15	15	37.45		
	10:20	20	63.55				2:20	20	37.22		
	10:25	25	64.25				2:25	25	36.99		
	10:30	30	64.70				2:30	30	33.76		
	10:45	45	65.17				2:45	45	35.60		
	11:00	60	65.63				3:00	60	35.14		
	11:15	75	66.10				3:15	75	34.91		
	11:30	90	66.56				3:30	90	34.68		
	11:45	105	66.79				3:45	105	34.22		
	12:00	120	66.79				4:00	120	34.22		
	12:15	135	67.02				4:15	135	34.22		
	12:30	150	67.25				4:30	150	33.99		
	12:45	165	67.48				4:45	165	33.99		
	1:00	180	67.48				5:00	180	33.74		
	1:15	195	67.71				5:15	195	33.74		
	1:30	210	67.71				5:30	210	33.68		
	1:45	225	67.71				5:45	225	33.68		
	2:00	240	67.94				6:00	240	33.60		

Additional forms can be obtained from our web site at: <http://www.wrd.state.or.us>

OWRD 2/9/2000

RECEIVED

MAR 17 2009

WATER RESOURCES DEPT
SALEM, OREGON



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

December 15, 2008

KEVIN CROSBY
16826 BUTTEVILLE RD NE
WOODBURN, OR 97071

Subject: Water Right Permit Number G- 13622

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

RECEIVED

MAR 17 2009

WATER RESOURCES DEPT
SALEM, OREGON





Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
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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 MARION

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

KEVIN CROSBY

16826 BUTTEVILLE RD. NE
WOODBURN, OREGON 97071

PHONE: (503) 981-9088

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

APPLICATION FILE NUMBER: G-14805

SOURCE OF WATER: A WELL IN the CASE CREEK BASIN

PURPOSE OR USE: IRRIGATION OF 31.6 ACRES

MAXIMUM RATE: 0.395 CUBIC FOOT PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: JULY 9, 1998

POINT OF DIVERSION LOCATION: NE 1/4 NW 1/4, SECTION 2, T5S, R2W, W.M.;
140 FEET SOUTH AND 1500 FEET EAST FROM NW CORNER, SECTION 2

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 2.5 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE 1/4 NW 1/4 5.0 ACRES

NW 1/4 NW 1/4 10.0 ACRES

SW 1/4 NW 1/4 16.6 ACRES

SECTION 2

TOWNSHIP 5 SOUTH, RANGE 2 WEST, W.M.

Application G-14805 Water Resources Department

PERMIT G-13622

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The Director may require the permittee to keep and maintain a record of the amount (volume) of water used and may require the permittee to report water use on a periodic schedule as established by the Director. In addition, the Director may require the permittee to report general water use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the permittee to submit alternative reporting procedures for review and approval.

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

The well shall be continuously cased and sealed to a depth of 170 feet.

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

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to submit an initial water level

measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Seven Consecutive Annual Measurements

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

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

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

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

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

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or

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

STANDARD CONDITIONS

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

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

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

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

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

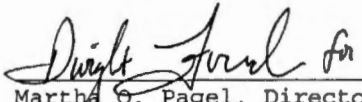
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

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

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

Actual construction of the well shall begin by 3/25 , 2000. Complete application of water to the use shall be made on or before October 1, 2003. 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 March 25 , 1999


Martha G. Pagel, Director
Water Resources Department

Application G-14805
Basin 2
RWK

Water Resources Department
Volume 18A CASE CR & MISC
MGMT.CODES 7BG 7BR 7CG 7CR

PERMIT G-13622
District 16

Oregon Water Resources Department
PUMP TEST FORM COVER SHEET

Well Owner:

Name: _____
 Address: _____
 County: _____
 City: _____ State: _____ Zip: _____
 Original owner (from well log): _____

Well Location:

Township: _____ (N/S) Range: _____ (E/W)
 Section: _____ 1/4 : _____ 1/16 : _____ 1/64 : _____
 Well depth: _____ Date drilled: _____
 Owners well no. (if any): _____
 POD ID: _____

Water Right Information:

Application: _____ Permit: _____ Certificate: _____
 Is this well listed on more than one water right? Yes If yes, list additional water rights below:
 Application: _____ Permit: _____ Certificate: _____
 Application: _____ Permit: _____ Certificate: _____

Pump Test:

Test Conducted by: _____ Well Owner? Yes
 Company: _____
 Address: _____ Date of Test: _____
 City: _____ State: _____ Zip: _____
 Daytime phone: _____

Method of discharge measurement (see our brochure for acceptable methods): _____
 Method of water-level measurement (pick one or enter other method used): _____
 Length of air line (if used): _____
 Pump type (pick one or enter other method used): _____
 Was the pump test conducted during normal use of the well? Yes Note: _____

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? Yes Note: _____
 If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test: _____

Is there a lake, stream or other surface water body within 1/4 mile of the tested well? Yes If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head. Approx. distance: _____ ft Approx. elevation difference: _____ ft

Well elevation is _____ surface water body.
 Description of measuring point (e.g. top port of 1 inch port pipe, west side) _____

Measuring point distance _____ land surface _____ feet.

Static water level measurements: (A minimum of three measurements are required in the hour before pumping begins at no less than 20 minutes apart):

Time	Depth to water below meas. point	Depth to water below land surface
_____	_____	_____
_____	_____	_____
_____	_____	_____

Discharge measurements: (A discharge measurement is required at the start of pumping and at least once an hour during the test; additional measurements should be noted on the Pump Test Data Sheet):

Time	Discharge Rate	Discharge Units (e.g. gpm, cfs, etc)
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Time pump turned on: _____ Date _____ Time _____
 Time pump turned off: _____ Date _____ Time _____
 Total pumping time: _____ hours _____ minutes

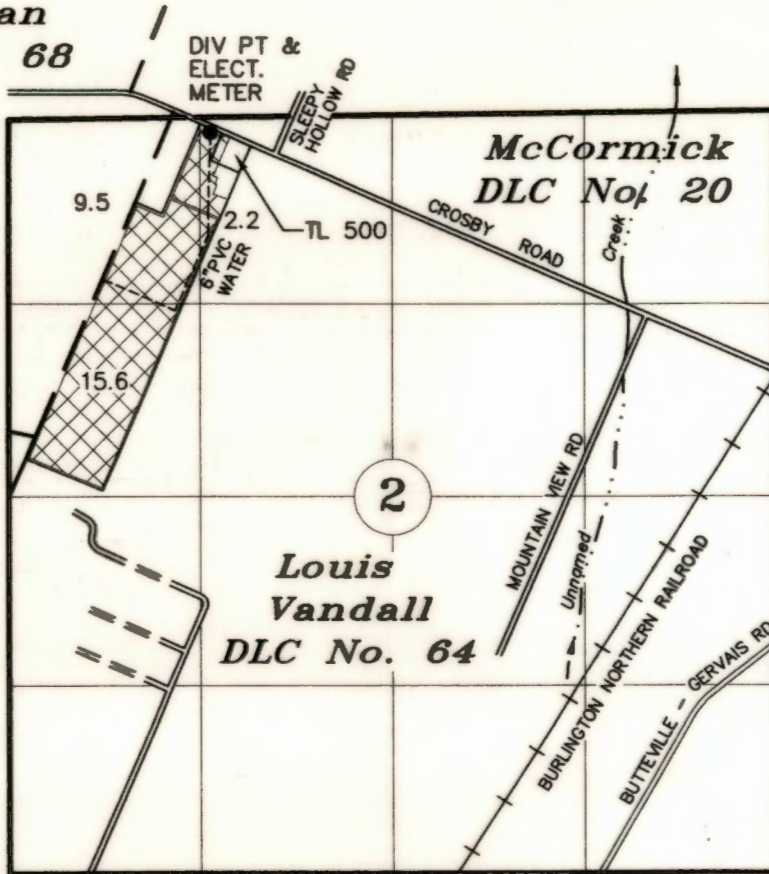
Note: Well must be idle for at least 16 hours prior to the test.
 Additional forms can be obtained from our web site at: <http://www.wrd.state.or.us> OWRD 2/9/2000

Required Signature: _____

T 5 S, R 2 W, WM

MARION COUNTY

Bourgean
DLC No. 68



TAX LOT:
5 2W 02 500
5 2W 02 600



DIV. PT.: 149' S AND 246' E OF THE NW CORNER LOUIS VANDALL DLC No.64,

FINAL PROOF SURVEY

UNDER

Application No. G-14805

Permit No. G-13622

RECEIVED

OCT 05 2006

WATER RESOURCES DEPT
SALEM, OREGON

IN THE NAME OF

KEVIN CROSBY

JUNE 22, 2006

SCALE: 1" = 1320'

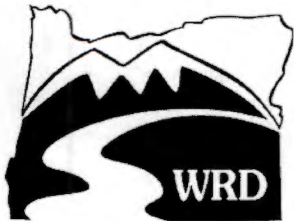


NOTE: This map is not intended to provide legal dimensions or locations of property ownership lines.

EXPIRES 12-31-07

Completion Checklist for CWRE Claims of Beneficial Use

Application # G-14805
 Permit # G-13622
 Transfer # _____
 Date 10/6/06
 Reviewer JWS



Date Received	<u>10/5/06</u>
CWRE Name	<u>Corby Boatwright</u>
Claim Logged	<input checked="" type="checkbox"/>
File Marked	<input checked="" type="checkbox"/>
Oversized Map #	_____
Read the file and attach a copy of the permit or transfer final order. _____	

Map Review:

- Map on polyester film
- (Application & permit #), or transfer #
- Disclaimer
- North arrow
- CWRE stamp and signature
- Appropriate scale (1" = 1320') 1" = 400', or the original full-size scale of the county assessor map)
- Township, range, section, and tax lot numbers
- NA Source illustrated if surface water
- Point(s) of diversion or appropriation (illustrated)
- Point(s) of diversion or appropriation (coordinates)
- Conveyance structures illustrated (pump, pipelines, ditches, etc.)
- Description of the location, in relation to the point of diversion or appropriation, of any fish screens, by-pass devices, and measuring devices required
- Place of use (1/4 1/4, or projected 1/4 1/4 lines within DLCs, or Gov Lots; if irrigation, # of acres in each subdivision; if for domestic or human consumption, location of dwelling or spigot)
- Checked to legal description

Report Review:

- On form or format provided by the Department
- (Application & permit #) or transfer #
- County
- Tax lot information
- Date of survey
- Person interviewed
- Ownership information
- Source(s) of water
- Point of diversion/appropriation location
- Use, period of use, and rate for use
- Place of use location
- Type of use
- Extent of use
- Rate and Duty
- Diversion rate for each use
- Description of conveyances system (from POD to POU)
- Diversion works description (pump make, serial model, capacity, and description)
- System capacity
 - Calculated capacity of system (required)
 - _____ Measured amount of use (optional)
- Permit/Transfer Final Order Conditions
 - _____ Time limits
 - Initial water level measurements
 - Annual static water level measurements
 - _____ Measurement, recording, and reporting
 - Meter/measuring device
 - _____ Water use reporting
- NA Fish screening and/or by-pass
- NOT SUBMITTED Pump test (ground water)
- _____ Other conditions
 - CASED/SEALED - 150' - should be 170' - see report - OK
- CWRE stamp and signature
- Signature(s) of permittee of transfer holder

See memo from GW
 OKing - 150'

Certificate Issuance Processing Checklist

- Map and COBU reviewed
 - Conflict check (include copy of plat card printout)
 - Check current ownership
- Any Conflicts? _____

Staff Recommendations:

- _____ Proof to the Satisfaction has been established to the full extent as described in the permit or transfer order.
- _____ Proof to the Satisfaction has been not been established to the full extent as described in the permit or transfer order and the right should be limited as follows: _____

- _____ Proof to the Satisfaction has not been established for the following reasons: _____

- Proposed Actions:**
Send letter requesting the following items/information: _____

- _____ Send letter recommending extension to cure deficiencies: _____

Can certificate be processed further?
_____ Yes

If "Yes":
_____ Proposed
_____ Final Certificate # _____

Mailing list:

Proposed:

Final:

CLAIM OF BENEFICIAL USE

The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. Every numbered item must have a response. If any requested information does not apply to the Claim, insert "n/a." Do not delete any section of this form unless directed by the form. The Department may require the submittal of additional information from any water user or authorized agent. **A separate form shall be completed for each permit or transfer final order.**

I. General Information

1. File Information

Application Number (G, R, S or T)	Permit Number (if applicable)
G-14805	G-13622

2. Property owner (current owner information)

a. Individuals

Name	Kevin Crosby	
Mailing Address	PO Box 70	
City/State/Zip	Woodburn, OR 97071	
Phone #	503-981-9088	
Fax #	-----	
e-mail address	-----	

b. Businesses/Organizations

Name	N/A
Contact Person and Title	
Mailing Address	
City/State/Zip	
Phone	
Fax	
e-mail	

If the current property owner is not the permittee or transfer holder of record, it is recommended that an assignment be filed with the Department. The COBU must be signed by the permit/transfer holder of record.

3. Permittee / Transferee of record (this may, or may not, be the current property owner)

c. Individuals

	Individual 1	Individual 2
Name	N/A	
Mailing Address		
City/State/Zip		

d. Businesses/Organizations

Name	N/A
Contact Person and Title	
Mailing Address	
City/State/Zip	

4. Date of Site Inspection: June 22, 2006

5. Person(s) interviewed and description of their association with the project:

Name	Date	Association with the project
Kevin Crosby	6-22-06	Owner

6. County:

Marion

7. Tax Lot Information:

Tax map number	Tax lot number
5 2W 02	500
5 2W 02	600

8. If any property described in the place of use of the permit or transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(3)):

****Mark "NA" if there are no owners of property not included in this claim**

Name	N/A
Contact Person and Title	
Mailing Address	
City/State/Zip	
Phone #	

II. Points of Diversion/Appropriation and Place of Use

For each point of diversion or appropriation, provide the following information. If the claim is for more than one point of diversion/appropriation, copy and complete this section for each point of diversion or appropriation.

1. Provide a general narrative description of the distribution works. This description must trace the water system from the point of diversion or appropriation to and include the place of use:

8-inch well, 2.1 feet above ground at the north end of the property near the county road. A 4-inch line transitions immediately to a buried 6-inch PVC line which runs diagonally across the pasture area to the easterly property line. It traverses the easterly boundary line to about the mid-point of the property where it makes a 90° bend to the west and crosses to the westerly property line.

2. Point of diversion/appropriation name or number (correspond to map):

Point of diversion/appropriation name or number (correspond to map)	Well log ID # for all work performed on the well (if applicable)	Well tag # (if applicable)
Well	MARI 54047	L 30602

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, and deepenings)

3. Point of diversion/appropriation source and, if from surface water, the tributary:

Source	Tributary to
Well	Case Creek Basin

4. Point of diversion/appropriation location:

(DLC, Government Lot, 1/4 1/4, Section, Township, Range)	Reference to a recognized public land survey corner by distance and bearing or by coordinates
Louis Vandall DLC No 64, NE 1/4, NW 1/4, Sec 2, T5S, R2W, WM	149' South and 246' East of NW Cor Louis Vandall DLC No 64

5. Actual use(s), period of use, and rate for each use:

Uses	If irrigation, list crop type	When water is used	Rate for use
Irrigation	pasture	March 1- Oct 31	1.05 cfs
Irrigations	hops	June, July, August	1.05 cfs

Total Quantity of Water 1.05 cfs

6. Place of use for the point of diversion or appropriation:

DLC	Gov lot	1/4 1/4	Section	Township	Range	Use	# of primary acres	# of supplemental acres
64	---	NE, NW	2	5S	2W	Irrigation	2.2	0
64	---	NW, NW	2	5S	2W	Irrigation	9.5	0
64	---	SW, NW	2	5S	2W	Irrigation	15.6	0

Total Acres Irrigated 27.3 0

Groundwater Source Information (Well and Sump)

**If the appropriation is not from ground water (well or sump), this section, items 1-5, can be deleted.

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1. Describe the access port (type and location) or other means to measure the water level in the well in the box below:

1-inch port on top of well head

2. If well logs are not available, provide as much of the following information as possible:

Casing Diameter	Casing Depth	Total Depth	Completion Date of Original Well	Completion Dates of Alterations	Who the well was drilled for	Well drilled by
8"	222	223	July 28, 1999	N/A	KW Crosby Hops	Ivan Grossen

In addition to the information requested in item "2" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

The Well Driller has the wrong Township noted on the Well Log - It should be 5 South instead of 4 South

System Information:

Provide the following information concerning the diversion and delivery system. Trace the flow of water from the point of diversion/appropriation to the place of use.

1. Pump information

Brand	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake Size	Discharge Size
Unknown	Unknown	Unknown	Submersible	4"	4"

2. Motor information

Brand	Model	Horsepower	Max RPM	Voltage
Unknown	Unknown	40	Unknown	220

3. Meter information (if required in permit or transfer final order)

Make	Serial #	Condition (working or not)	Current meter reading	Notes
PGE	TXD01656344799462	working	3302 kwh	Dedicated Electrical Meter on panel NE of well

4. Measurement device description

Device description	Condition (working or not)	Notes
N/A		

5. Measured pump capacity (using meter if meter was present and system was operating)

Initial meter reading	Ending meter reading	Duration of time observed	Total pump output
N/A	N/A	N/A	N/A

6. Theoretical pump capacity

Horsepower	Operating psi	Lift from source to pump *If a well, the water level during pumping (see pump test results)	Lift from pump to place of use	Total pump output
40 hp	80 psi	60' ±	0	1.05 cfs

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7. Provide pump calculations in the box below:

<p>Pump:</p> $\frac{40 (7.04)}{60 + 80(2.31)} = 1.15 \text{ cfs}$ $\frac{40 (7.04)}{60 + 90(2.31)} = 1.05 \text{ cfs}$ <p>with booster - neglect line loss</p>	<p>Sprinkler:</p> <p>1.3 nozzle 80 psi 445 gpm from chart = 0.99 cfs</p> <p>1.3 nozzle 90 psi 475 gpm from chart = 1.06 cfs</p>
---	--

8. Mainline information

Mainline size	Length	Type of pipe	Buried or above ground
6"	1825'	PVC	buried

9. Lateral or handline information

Lateral or handline size	Length	Type of pipe	Buried or above ground
4"	1200'	PE	on reel

10. Sprinkler information

Make and model:

Make	Model	Size	Operating psi	Sprinkler output	Maximum number used	Total sprinkler output
Big Gun	150T	1.3	90 psi	475 gpm	1	475 gpm

Refer to the chart of sprinkler output at various pressures for most nozzle sizes attached to this document.

$$Q_{\text{sprinklers}} = (\text{max \# heads})(\text{gpm/head}) = \text{cfs}$$

$$448.8 \text{ gpm/cfs}$$

11. Additional notes or comments related to the system:

<p>Big Gun 150T from Ernst Hardware Co. Serial Number 01 27368 01 with Cornell booster pump 3R-2-LR At 80 psi and 1.3" nozzle, the gun will put out 445 gpm on a 410' diameter At 90 psi and 1.3" nozzle, the gun will put out 475 gpm on a 425' diameter At 100 psi and 1.3" nozzle, the gun will put out 500 gpm on a 440' diameter</p>

III. CONDITIONS

Please pay special attention to this section. All conditions contained in the permit or transfer final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

a. Permits or transfer Final Orders contain any or all of the following dates; the date when the actual

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construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use is to be completed by. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or transfer final order:

	Dates from permit or transfer final order	Date accomplished	Description of actions taken by water user to comply with the time limits
Begin construction	March 25, 2000	April 12, 1999	Drilled Well
Complete construction	October 1, 2003	October 1, 2003	installation of pipeline and purchase of sprinkler equipment
Complete application of water	October 1, 2004	October 1, 2004	

2. Initial Water Level Measurements:

****If the Claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.**

- a. Was the water user required to submit an initial static water level measurement? **YES NO NA**
- b. What month was the initial measurement to be taken in? March
- c. Did an authorized individual (as stated in the permit or transfer final order) make the initial static water level measurement in the month required?
YES NO
- d. If "YES", was the measurement submitted to the Department? **YES NO**
- e. If the initial measurement not been submitted, provide that measurement now if available:

Date of measurement	Who made measurement	Method	Measurement
N/A			

3. Annual Static Water Level Measurements:

****If the Claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.**

- a. Was the water user required to submit annual static water level measurements? **YES NO NA**
- b. In the box below, provide the month in which the static water level was to be made:
March
- c. Were the static water level measurements taken in the month required? **YES NO**
- d. If "YES", were those measurements submitted to the Department? **YES NO**
- e. If the annual measurements were not submitted, provide the measurements now in the box below:

Year	Month	Measurement made by	Measurement

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4. Measurement, recording, and reporting conditions:

a. Does the permit or transfer final order require the installation of a meter or approved measuring device?

YES NO

If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of diversion or appropriation.

**If "NO", items b through g relating to this section can be deleted.

b. Has a meter been installed? YES NO

c. Provide the date the meter was installed:

Electrical meter - September 2001

d. If a meter has not been installed, has a suitable measuring device been installed and approved by the Department? YES NO

e. If "YES", provide a copy of the letter approving the device, if available. If the letter is not available provide the name and title of the Water Resources Department employee approving the measuring device, and the approximate date of the approval:

Name	Title	Approximate date
N/A		

f. Is the water user required to report the water use to the Department? YES NO

g. Have the reports been submitted? YES NO

If the reports have not been submitted, attach a copy of the reports if available.

5. Fish Screening and/or By-pass Devices

a. Are any points of diversion required to be screened and/or have a by-pass device to prevent fish from entering the point of diversion? YES NO NA

If fish screening and/or by-pass devices were required, the COBU map must indicate their location in relation to the point of diversion.

6. Pump Test (Required for ground water Permits prior to issuance of a certificate, but not a requirement of permit development)

a. Did the permit require the submittal of a pump test? YES NO NA

b. Has the pump test been previously submitted to the Department? YES NO

c. Has the pump test been approved by the Department? YES NO

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d. If no, is the pump test attached to this Claim? ~~YES~~ NO

7. **Other Permit Conditions** (examples: special well construct standards, water conservation plans, no obstructions to fish without a fishway, etc.; number as appropriate.)

IV. Variations, Attachments, Conclusions, Map and Signatures

Include a description of variations from the permit or transfer final order

Well to be continuously cased and sealed to depth of 170'
Well is cased to 222', but screens are set at 150'-170' ∴ sealed to depth of 150'

Attachments

If you are attaching any documents to this report, provide a list below:

Attachment name	Description
Well Log	MARI 54047 Tag L-30602

Permit and Transfer Final Order Rates and System Rates Comparisons:

POD or POA name or #	Maximum rate allowed by permit or transfer final order	Calculated theoretical rate of water based on system	Actual amount of water measured (if measured)	Developed use	# of acres allowed by permit or transfer final order	# of acres developed
Well	0.395 cfs	1.05 cfs	not measured	Irrigation	31.6	27.3
	or equivalent					

Claim of Beneficial Use Map

The Claim of Beneficial Use Map must be submitted with this Claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320', 1" = 400', or the original full-size scale of the county assessor map for the location.

In the following box, provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

I made field measurements using a rag tape and a measuring wheel; used the property deed; used the 1852 GLO survey to determine the relationships between the section and quarter section lines and the DLC lines; and, used an aerial photograph dated July 14, 2005 to compare with the field measurements.

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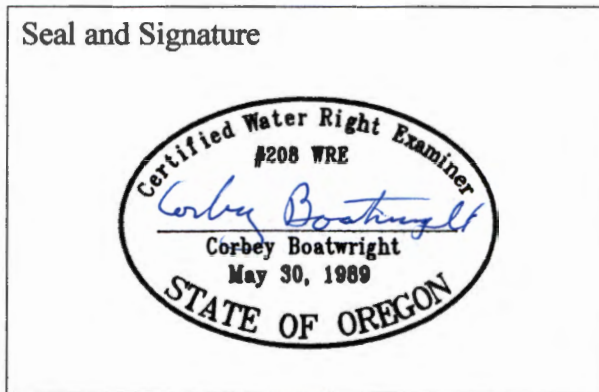
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SALEM, OREGON

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.

Seal and Signature



Permit or Transfer Holders Signature or Acknowledgment

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.


Signature

Kevin Crosby
Print or type name

Oct 2, 06
Date

SPRINKLER CAPACITIES BY NOZZLE SIZE IN GALLONS PER MINUTE

This chart is comprised of information gathered from a number of sources and may differ slightly from the manufacturer's specifications.
 ("*" designates computed capacity)
 **This page can be deleted

NOZZLE SIZE	P.S.I.																	
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
3/32				1.1	1.3	1.4	1.5	1.6	1.7	1.8								
7/64				1.5	1.7	1.9	2	2.2										
1/8				1.9	2.2	2.4	2.7	2.9	3	3.2								
9/64				2.3	2.6	2.9	3.1	3.4	3.7	4								
5/32				3	3.4	3.8	4.1	4.4	4.7	5								
11/64	1.9	2.7	3.3	3.7	4.2	4.6	5	5.4	5.7	6	6.3	6.6						
3/16	2.2	3.2	3.9	4.3	5	5.5	6	6.4	6.8	7.2	7.5	7.8						
13/64	2.9	3.6	4.5	5.1	5.9	6.5	7.1	7.6	8.1	8.5	8.9	9.2						
7/32		4.1	5.1	5.8	6.8	7.6	8.3	8.9	9.4	9.9	10.3	10.6						
15/64							8.8		10		11.2		12.4					
1/4		5.2	6.4	7.4	8.9	9.8	10.6	11.4	12.1	12.8	13.4	13.9	14.8*	15.3*	15.9*	16.4*	16.9*	17.4*
17/64								12.5		14		15.6		17.1				
9/32					11.2	12.3	13.3	14.3	15.2	16	16.8	17.5	18.1	18.9	19.7	20.7*	21.4*	22*
19/64									16.6		18.3		19.9		21.4			
5/16					13.1	15.2	16.5	17.7	18.9	20	21	22	23	23.9	24.8	25.7	26.4*	27.1*
21/64										20.8		22.7		24.6		26.4		
11/32					16.5	18	19.7	21.1	22.5	23.8	25	26.2	27.4	28.5	29.6	30.6	31.9*	32.8*
23/64										24.5		26.8		29.1		31.4		
3/8					19	21	22.8	24.4	26	27.5	29.1	30.6	32	33.2	34.5	35.7	38*	39*
13/32								29*	30.9*	32.7*	34.5*	36.2*	37.4*	38.9*	40.4*	41.9*	43.3*	44.7*
7/16								33.5*	35.6*	37.7*	39.7*	41.7*	43.6*	45.3*	46.9*	48.4*	50.1*	51.6*
1/2								42.5*	45.2*	47.7*	50.2*	52.5*	54.7*	56.8*	58.6*	60.6*	63.6*	66.7*

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Water Resources Department

MEMO

April 28, 1999

TO G-14805

FROM Fred Lissner

SUBJECT Well Sealing Condition

The permit issued pursuant to application G-14805 requires the well seal to be extended to 170 feet below land surface. This seal depth was projected based on the lithologic log for a nearby well, MARI 2248, for the purpose of preventing interference with surface rights and neighboring ground water rights supplied by shallow wells. Fifty feet of clay, from approximately 140 to 190 feet below land surface, was anticipated and would have been the preferred sealing horizon.

Driller's field log for the actual lithology down to 192 feet was submitted for consideration 4/28/99--copy attached. It shows clay, clay with gravel, and clay with sand layers from 126 to 150 feet below land surface. Static water levels above and below the clays differ by approximately 10 feet. These clays likely correlate with the deeper clay encountered in MARI 2248. Given that, there is no benefit to sealing down to the prescribed 170 feet, and doing so may reduce the capacity and efficiency of the well.

Based on the rough log submitted 4/28/99--attached--sealing from land surface to 150 feet will provide the protection the referenced permit condition was designed to provide. **Sealing to 150 feet is approved.**

STATE OF OREGON
WATER SUPPLY WELL REPORT
 (as required by ORS 537.765)
 WATER RESOURCES DEPT.
 SALEM, OREGON

JUN 17 1999

MARIWELL I.D.# L 30602
 54047

(START CARD) # 101535

(1) OWNER: _____ Well Number _____

Name K.W. Crosby Hops
 Address 7798 Crosby Rd. NE
 City Woodburn State OR Zip 97071

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 222 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
12"	0	222	Bentonite	0	18'	43sacks
			cement	18	150	152 sacks

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

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:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:	2"	+1	147	Gravel	feed tube		

installed on outside of casing/screen

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material stainless

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
+2	150'			8"	pipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>
150	170	.080		8"	p.s.	<input type="checkbox"/>	<input type="checkbox"/>
170	200			8"	pipe	<input type="checkbox"/>	<input type="checkbox"/>
200	215	.080		8"	p.s.	<input type="checkbox"/>	<input type="checkbox"/>
215	222			8"	pipe	<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
700		200	1 hr.
700		200	4hrs.

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 Marion Latitude _____ Longitude _____
 Township 4S N or S Range 2W E or W. WM.
 Section 35 SW 1/4 SW 1/4
 Tax Lot 00600 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 7798 Crosby Rd. NE
Woodburn, OR 97071

(10) STATIC WATER LEVEL:
23 ft. below land surface. Date 5/27/99
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 76'

From	To	Estimated Flow Rate	SWL
76	109'	200 gpm	16
109	126	40 gpm	16
150	174	500 gpm	26
199	218	400 gpm	26

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
Topsoil	0	1	
Clay brown	1	26	
Clay sandy green	26	34	
Clay gray soft	34	69	
Clay dark gray, sticky	69	76	
Sand, black	76	109	16'
Gravel cemented	109	126	16'
Clay gray	126	129	
Clay & gravel layers	129	141	
Clay dark gray	141	150	
Sand black	150	174	26'
Clay green silty	174	184	
Sand black	184	185	
Clay green	185	188	
Sand & clay	188	192	
Clay sandy gray	192	199	
Sand black	199	218	26
Sand & gravel black	218	220	
Clay grey & green sticky	220	223	

Date started 4/12/99 Completed 5/28/99

(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. Materials used and information reported above are true to the best of my knowledge and belief.

Signed [Signature] WWC Number 1704
 Date 6/8/99

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed [Signature] WWC Number 783
 Date 6/7/99

MEMORANDUM

TO: DOUG WOODCOCK, GROUND WATER SECTION MANAGER
FROM: CERTIFICATE SECTION *Jerry Dainy*
SUBJECT: CASE AND SEAL CONDITION, APPLICATION G-14805, PERMIT G-13622
DATE: 10/24/2006

The attached well log was recently received along with the claim of beneficial use for Permit G-13622. A condition in the permit required the well to be continuously cased and sealed to a depth of 170 feet. A review of the well log reflects it is cased to a depth of 222 feet but only sealed to a depth of 150 feet. Request your review and determination if condition is met.

MEMORANDUM

TO: DOUG WOODCOCK, GROUND WATER SECTION MANAGER
FROM: CERTIFICATE SECTION *Jerry Dainy*
SUBJECT: CASE AND SEAL CONDITION, APPLICATION G-14805, PERMIT G-13622
DATE: 10/24/2006

The attached well log was recently received along with the claim of beneficial use for Permit G-13622. A condition in the permit required the well to be continuously cased and sealed to a depth of 170 feet. A review of the well log reflects it is cased to a depth of 222 feet but only sealed to a depth of 150 feet. Request your review and determination if condition is met.

*11/1/2006 This construction was already
approved by the Ground Water Section. See
4/28/1999 memo from Fred Lissner in the file.*

*K.C. Wozniak
11/1/06*

d. If no, is the pump test attached to this Claim? **YES NO**

7. **Other Permit Conditions** (examples: special well construct standards, water conservation plans, no obstructions to fish without a fishway, etc.; number as appropriate.)

IV. Variations, Attachments, Conclusions, Map and Signatures

Include a description of variations from the permit or transfer final order

Well to be continuously cased and sealed to depth of 170'
Well is cased to 222', but screens are set at 150'-170' ∴ sealed to depth of 150'

Attachments

If you are attaching any documents to this report, provide a list below:

Attachment name	Description
Well Log	MARI 54047 Tag L-30602

Permit and Transfer Final Order Rates and System Rates Comparisons:

POD or POA name or #	Maximum rate allowed by permit or transfer final order	Calculated theoretical rate of water based on system	Actual amount of water measured (if measured)	Developed use	# of acres allowed by permit or transfer final order	# of acres developed
Well	0.395 cfs	1.05 cfs	not measured	Irrigation	31.6	27.3
	or equivalent					

Claim of Beneficial Use Map

The Claim of Beneficial Use Map must be submitted with this Claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320', 1" = 400', or the original full-size scale of the county assessor map for the location.

In the following box, provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

I made field measurements using a rag tape and a measuring wheel; used the property deed; used the 1852 GLO survey to determine the relationships between the section and quarter section lines and the DLC lines; and, used an aerial photograph dated July 14, 2005 to compare with the field measurements.

RECEIVED

OCT 05 2006

WATER RESOURCES DEPT
SALEM, OREGON

WTR

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

JUN 17 1999

MARIWELL I.D.# L 30602
 54047

WATER RESOURCES DEPT.
 SALEM, OREGON

(START CARD) # 101535

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

(1) OWNER: Well Number _____

Name K.W. Crosby Hops
 Address 7798 Crosby Rd. NE
 City Woodburn State OR Zip 97071

(2) TYPE OF WORK

New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:

Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:

Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 222 ft.

Explosives used Yes No Type _____ Amount _____

HOLE				SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds	
12"	0	222	Bentonite	0	18'	43sacks	
			cement	18	150	152 sacks	

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

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:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Liner: 2" +1 147 Gravel feed tube
installed on outside of casing/screen

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____

Screens Type _____ Material stainless

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
+2	150			8"	pipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>
150	170	.080		8"	p.s.	<input type="checkbox"/>	<input type="checkbox"/>
170	200			8"	pipe	<input type="checkbox"/>	<input type="checkbox"/>
200	215	.080		8"	p.s.	<input type="checkbox"/>	<input type="checkbox"/>
215	222			8"	pipe	<input type="checkbox"/>	<input type="checkbox"/>

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

<input type="checkbox"/> Pump	<input type="checkbox"/> Bailor	<input checked="" type="checkbox"/> Air	Flowing <input type="checkbox"/> Artesian
Yield gal/min	Drawdown	Drill stem at	Time
700		200	1 hr.
700		200	4hrs.

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 Sulfured Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County Marion Latitude _____ Longitude _____
 Township 4S N or S Range 2W E or W. WM.
 Section 35 SW 1/4 SW 1/4
 Tax Lot 00600 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 7798 Crosby Rd. NE
Woodburn, OR 97071

(10) STATIC WATER LEVEL:

23 ft. below land surface. Date 5/27/99
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 76'

From	To	Estimated Flow Rate	SWL
76	109'	200 gpm	16
109	126	40 gpm	16
150	174	500 gpm	26
199	218	400 gpm	26

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Topsoil	0	1	
Clay brown	1	26	
Clay sandy green	26	34	
Clay gray soft	34	69	
Clay dark gray, sticky	69	76	
Sand, black	76	109	16'
Gravel cemented	109	126	16'
Clay gray	126	129	
Clay & gravel layers	129	141	
Clay dark gray	141	150	
Sand black	150	174	26'
Clay green silty	174	184	
Sand black	184	185	
Clay green	185	188	
Sand & clay	188	192	
Clay sandy gray	192	199	
Sand black	199	218	26
Sand & gravel black	218	220	
Clay grey & green sticky	220	223	

Date started 4/12/99 Completed 5/28/99

(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. Materials used and information reported above are true to the best of my knowledge and belief.

Signed [Signature] WWC Number 1704
 Date 6/8/99

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed [Signature] WWC Number 783
 Date 6/7/99

RECEIVED

OCT 05 2006

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-14805

Final Order

Application History

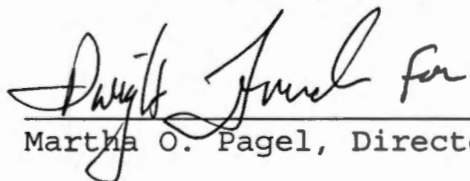
On July 9, 1998, KEVIN CROSBY submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on February 2, 1999. The protest period closed March 19, 1999, and no protest was filed.

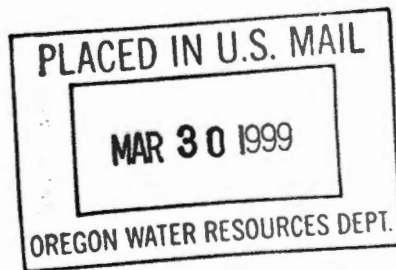
The proposed use would not impair or be detrimental to the public interest.

Order

Application G-14805 therefore is approved as proposed by the Proposed Final Order, and Permit G-13622 is issued as limited by the conditions proposed by the Proposed Final Order.

DATED March 25, 1999


Martha O. Pagel, Director



Appeal Rights

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

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.

STATE OF OREGON

COUNTY OF MARION

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

KEVIN CROSBY

16826 BUTTEVILLE RD. NE

WOODBURN, OREGON 97071

PHONE: (503) 981-9088

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

APPLICATION FILE NUMBER: G-14805

SOURCE OF WATER: A WELL IN the CASE CREEK BASIN

PURPOSE OR USE: IRRIGATION OF 31.6 ACRES

MAXIMUM RATE: 0.395 CUBIC FOOT PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: JULY 9, 1998

POINT OF DIVERSION LOCATION: NE 1/4 NW 1/4, SECTION 2, T5S, R2W, W.M.;
140 FEET SOUTH AND 1500 FEET EAST FROM NW CORNER, SECTION 2

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 2.5 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE 1/4 NW 1/4 5.0 ACRES

NW 1/4 NW 1/4 10.0 ACRES

SW 1/4 NW 1/4 16.6 ACRES

SECTION 2

TOWNSHIP 5 SOUTH, RANGE 2 WEST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The Director may require the permittee to keep and maintain a record of the amount (volume) of water used and may require the permittee to report water use on a periodic schedule as established by the Director. In addition, the Director may require the permittee to report general water use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the permittee to submit alternative reporting procedures for review and approval.

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

The well shall be continuously cased and sealed to a depth of 170 feet.

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

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to submit an initial water level

measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Seven Consecutive Annual Measurements

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

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

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

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

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

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or

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

STANDARD CONDITIONS

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

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

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

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

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


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

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

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

Actual construction of the well shall begin by 3/25 , 2000. Complete application of water to the use shall be made on or before October 1, 2003. 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 March 25 , 1999



Martha O. Pagel, Director
Water Resources Department

Application G-14805
Basin 2
RWK

Water Resources Department
Volume 18A CASE CR & MISC
MGMT.CODES 7BG 7BR 7CG 7CR

PERMIT G-13622
District 16

Mailing List for FO Copies

Application#G-14805 Mailing List Printed March 25, 1999

Original mailed to (when permit issued, include copy of permit map):

Applicant: KEVIN CROSBY, 16826 BUTTEVILLE RD. NE, WOODBURN, OREGON 97071

Copies Mailed
By: <u>WJ</u>
(SUPPORT STAFF)
on: <u>3/30/99</u>
(DATE)

For FO w/Permit - Copies sent to:

1. WRD - File # G-14805
2. WRD - Ken Stahr
3. WRD - Data Center
4. WRD - NWR (Gloria)

For FO w/ Permit - FO and Map Copies sent to (Remember to reduce copy margins):

5. WRD - Watermaster District #: 16

COPIES TO Other Interested Persons

6. Bruce Estes (CWRE)

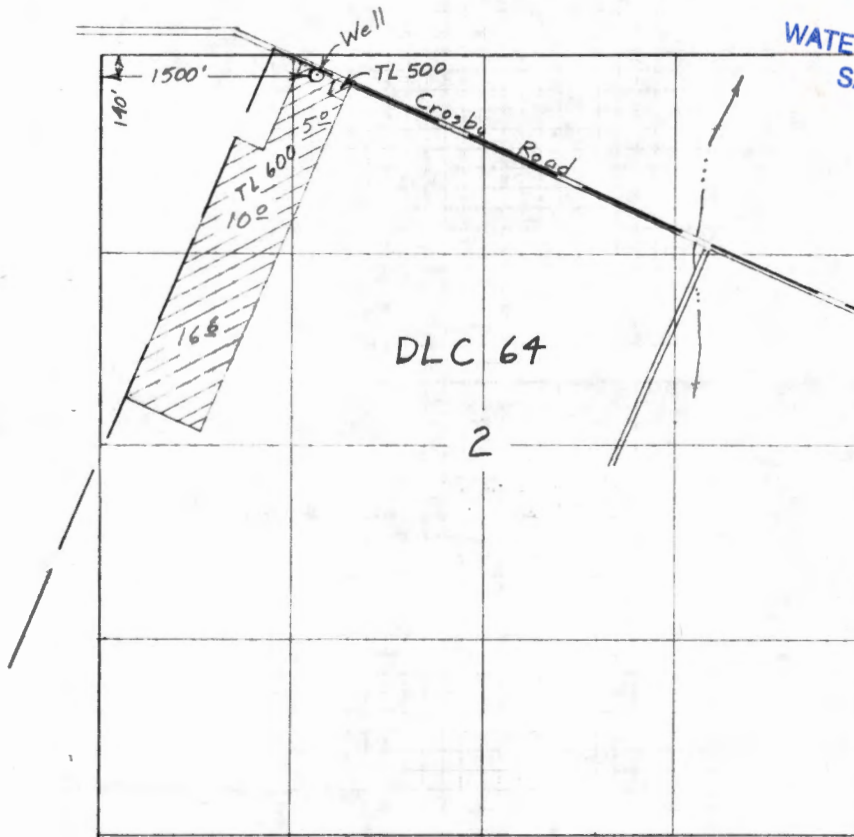
CASEWORKER: RWK

TOWNSHIP 5 SOUTH, RANGE 2 WEST, W.M.

RECEIVED

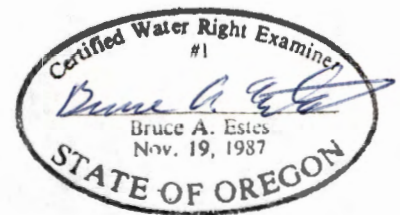
JUL - 9 1998

WATER RESOURCES DEPT.
SALEM, OREGON



Scale 1" = 1320'

Application Map
for
KEVIN CROSBY



Application No. *G-14865*
Permit No. *G13622*
313622

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

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

RECEIVED

DEC 21 2000

WATER RESOURCES DEPT.
SALEM, OREGON

KW CROSBY & SON, INC.

7798 Crosby Rd. N.E.
P.O. Box 70
Woodburn, OR 97071

Phone (503) 981-9088
Cell (503) 849-4943
Fax (503) 982-0758
Shop (503) 982-4516

application G14805

Dear Sir or madam
enclosed is a copy of the Test
well Log for the water right please
call if you have any questions

Regards
Kentoby

cc- File
cc- Bruce Estes.

RECEIVED

DEC 21 2000

WATER RESOURCES DEPT.
SALEM, OREGON

STATE OF OREGON

COUNTY OF MARION

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

KEVIN CROSBY
16826 BUTTEVILLE RD. NE
WOODBURN, OREGON 97071

PHONE: (503) 981-9088

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

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DATE OF PRIORITY: JULY 9, 1998

POINT OF DIVERSION LOCATION: NE 1/4 NW 1/4, SECTION 2, T5S, R2W, W.M.;
140 FEET SOUTH AND 1500 FEET EAST FROM NW CORNER, SECTION 2

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 2.5 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE 1/4 NW 1/4 5.0 ACRES
NW 1/4 NW 1/4 10.0 ACRES
SW 1/4 NW 1/4 16.6 ACRES

SECTION 2

TOWNSHIP 5 SOUTH, RANGE 2 WEST, W.M.

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

RECEIVED WELL I.D.# 101535

DEC 21 2000

(START CARD) # 101535

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

WATER RESOURCES DEPT.
 SALEM, OREGON

(1) OWNER:
 Name K.W Crosby Hops
 Address 7798 Crosby Rd. NE
 City Woodburn State OR Zip 97071

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

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

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

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 222 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Sacks or pounds	
Diameter	From To	Material	From To		
12"	0 222	Bentonite	0 18	43sacks	
		cement	18 150	152 sacks	

How was seal placed: Method A B C D E
 Other _____
 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:			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:	2" +1 147		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Gravel feed tube installed on outside of casing/screen

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
+2	150			8"	pipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>
150	170	.080		8"	p.s.	<input type="checkbox"/>	<input type="checkbox"/>
170	200			8"	pipe	<input type="checkbox"/>	<input type="checkbox"/>
200	215	.080		8"	p.s.	<input type="checkbox"/>	<input type="checkbox"/>
215	222			8"	pipe	<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Flowing Artesian Time
700		200	1 hr.
700		200	6hrs.

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 Marion Latitude _____ Longitude _____
 Township 4S N or S Range 2W E or W. W.M.
 Section 35 SW 1/4 SW 1/4
 Tax Lot 00600 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 7798 Crosby Rd. NE
Woodburn, OR 97071

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23 ft. below land surface. Date 5/27/99
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 Depth at which water was first found 76'

From	To	Estimated Flow Rate	SWL
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109	126	40 gpm	16
150	174	500 gpm	26
199	218	400 gpm	26

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
Topsoil	0	1	
Clay brown	1	26	
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Clay gray soft	34	69	
Clay dark gray, sticky	69	76	
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Gravel cemented	109	126	16
Clay gray	126	129	
Clay & gravel layers	129	141	
Clay dark gray	141	150	
Sand black	150	174	26
Clay green silty	174	184	
Sand black	184	185	
Clay green	185	188	
Sand & clay	188	192	
Clay sandy gray	192	199	
Sand black	199	218	26
Sand & gravel black	218	220	
Clay grey & green sticky	220	223	

Date started 4/12/99 Completed 5/28/99

(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. Materials used and information reported above are true to the best of my knowledge and belief.
 Signed [Signature] WWC Number 1704 Date 6/8/99

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.
 Signed [Signature] WWC Number 783 Date 6/7/99



Boatwright Engineering Inc.

2613 12th ST SE, SALEM, OREGON 97302
civil engineers • land surveyors

503 363-9225 FAX 363-1051

November 29, 2005

Jerry Sauter
Oregon Water Resources Department
725 Summer Street NE Suite A
Salem, Oregon 97301

Re: Kevin Crosby
Application G-14805 Permit G-13622
Application G-14965 Permit G-13817 T-8858 (Permit Amendment)

Dear Jerry,

Following up on your phone conversation yesterday with Corbey, this letter is to serve notice that we will be preparing the Claims of Beneficial Use for these two applications. They were on our list to complete this past summer, but somehow got overlooked until now.

Rather than try to prepare them when the pumps are not being used and no irrigation is being applied, we are going to wait until next spring to take the measurements and prepare the reports.

Mr Crosby has put the water to beneficial use within the time limits of his permit and is in compliance with all of his permit conditions, so no Time Extension is necessary.

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

Sincerely,

Jeanne Plasker Boatwright

CC: Kevin Crosby
PO Box 70
Woodburn, Oregon 97071

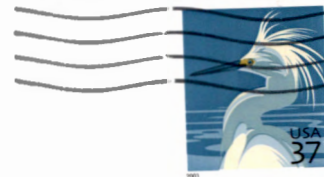
RECEIVED
NOV 30 2005
WATER RESOURCES DEPT
SALEM, OREGON



Boatwright Engineering Inc.

2613 12th ST SE, SALEM, OREGON 97302
civil engineers • land surveyors

503-363-9225 FAX 503-363-1051



Jerry Sauter
Oregon Water Resources Department
725 Summer Street NE Suite A
Salem, Oregon 97301

97301+1266



TO: Water Rights Section 8/15/1998
FROM: Groundwater/Hydrology Section Man A Norton
SUBJECT: Application G- 14805 Reviewer's Name

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 Case Creek; or
 - c. ___ will if properly conditioned, adequately protect the surface water from interference:
 - i. ___ The permit should contain condition #(s) _____;
 - ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below; or
 - d. ___ will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

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

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

REMARKS: The well shall be continuously cased and sealed to a depth of ~~70~~ depth of 170 feet

(Well Construction Considerations on Reverse Side)

SEE G-14815

14805

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

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

RECOMMENDATION:

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

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

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

_____, 199____
(Signature)

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

_____, 199____
(Signature)

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE # G-14805

ROUTED TO: W.R.

TOWNSHIP/

RANGE-SECTION: 55/2W-2

CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Man A. Pato

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Ground Water/Hydrology
FROM: Marc Norton
SUBJECT: Groundwater Application G- 14805

Date 8/15/98

Applicant(s) seek 200 gpm (_____ cfs) from one wells in the

Willamette basin

Applicants Name: Crosby

sub basin

Proposed Use: irrigation

Champoeg sub basin

Pertinent 7 & 1/2 minute Quads

St. Paul

Well Proposed WRD# _____ T 55 R 2W S 2 QQ _____ County Marion

Legal Description _____

Well is 1500 ft from Care Creek (river/stream)

Well is _____ ft from _____ (river/stream)

Well Elevation 175 ft River/Stream elevation 155 ft.

Well Elevation - River/Stream elevation +20 ft.

Well depth 200-300 ft SWL _____ ft on _____

Sealed to ? ft Depth first water found _____ ft

Cased to _____ ft Perforations/screens _____ ft

Lined to _____ ft Perforations/screens _____ ft

Well test and types _____

(Confined/Semi-confined/Unconfined) Direct hydraulic connection? YES / NO

Potential to cause substantial interference? Not with Seal

Well _____ WRD# _____ T _____ R _____ S _____ QQ _____ County _____

Legal Description _____

Well is _____ ft from _____ (river/stream)

Well is _____ ft from _____ (river/stream)

Well Elevation _____ ft River/Stream elevation _____ ft.

Well Elevation - River/Stream elevation _____ ft.

Well depth _____ ft SWL _____ ft on _____

Sealed to _____ ft Depth first water found _____ ft

Cased to _____ ft Perforations/screens _____ ft

Lined to _____ ft Perforations/screens _____ ft

Well test and types _____

(Confined/Semi-confined/Unconfined) Direct hydraulic connection? YES / NO

Potential to cause substantial interference? _____

Comments: Care + Seal to 170 feet to prevent interference with stream & existing users.

References Used: _____

WATER WELL REPORT
STATE OF OREGON

RECEIVED

MAY 18 1981

WATER RESOURCES DEPT
SALEM, OREGON

State Well No. 5520-200
State Permit No. 2248
MAY 18 1981

Nearby Well Log
19-1-83

(1) OWNER:

Name Abram Semerikov
Address 13330 Prolov Dr NE
City Gresham Ore State Ore

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air Driven Domestic Industrial Municipal
Rotary Mud Dug Irrigation Test Well Other
 Bored Thermal: Withdrawal ReInjection

(4) PROPOSED USE (check):

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded
8" Diam. from 0 ft. to 9.47 ft. Gauge 2.50
" Diam. from ft. to ft. Gauge

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? Yes No
Type of perforator used Star
Size of perforations 3/8 in. by 1 1/2 in.
6.05 perforations from 9.08 ft. to 9.85 ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? Yes No
Manufacturer's Name
Type Model No.
Diam. Slot Size Set from ft. to ft.
Diam. Slot Size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level
pump test made? Yes No If yes, by whom? Driller
300 gal/min. with 12 ft. drawdown after 4 hrs.
Air test gal/min. with drill stem at ft. hrs.
Bailer test gal/min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes No
Well seal—Material used Cement
Well sealed from land surface to 2.8 ft.
Diameter of well bore to bottom of seal 1.2 in.
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal 18 sacks
How was cement grout placed? Tramline
Was pump installed? NO Type HP Depth ft.
Was a drive shoe used? Yes No Plug Size: location ft.
Did any strata contain unusable water? Yes No
Type of Water? depth of strata
Method of sealing strata off
Was well gravel packed? Yes No Size of gravel: ft.
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Marion Driller's well number
S W 1/4 SW 1/4 Section 2 T. 5 S R. 2 W W.M.
Tax Lot # Lot Blk Subdivision
Address at well location: Eary Rd. 12 West Woodburn

(11) WATER LEVEL: Completed well.

Depth at which water was first found 119 Did not Perforate ft.
Static level 27 ft. below land surface. Date 5-12-81
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing
Depth drilled 347 ft. Depth of completed well 347 ft.
Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Top Soil	0	2	
Brown Clay	2	12	
Silty Brown Clay	12	17	
Brown Clay	17	27	
Blue Clay	27	74	
Black Sandy Silt	74	90	
Black Sand (Fine)	90	107	
Blue Silty Clay	107	118	
Brown Sand & Gravel	118	136	2.1
Dark Green Clay	136	140	
Dark Silty Clay	140	190	
Black Sand	190	220	
Brown Clay	220	230	
Blue Clay	230	250	
Dark Silty Sand	250	262	
Brown clay changing to Blue			
Then to Dark Red	262	277	
Fine Black Sand	277	283	
Blue Clay	283	298	
Course Black Sand & Gravel	298	347	2.7

Work started Apr 11 19 81 Completed May 12 1981
Date well drilling machine moved off of well May 12 1981

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] John W. Beck Date May 12, 1981
(Drilling Machine Operator)
Drilling Machine Operator's License No. 437

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name J.W. Beck Well Drilling
(Person, firm or corporation) (Type or print)
Address 24137 S. Skyline Dr. Conby Ore
[Signed] John W. Beck
(Water Well Contractor)
Contractor's License No. 449 Date May 12, 1981

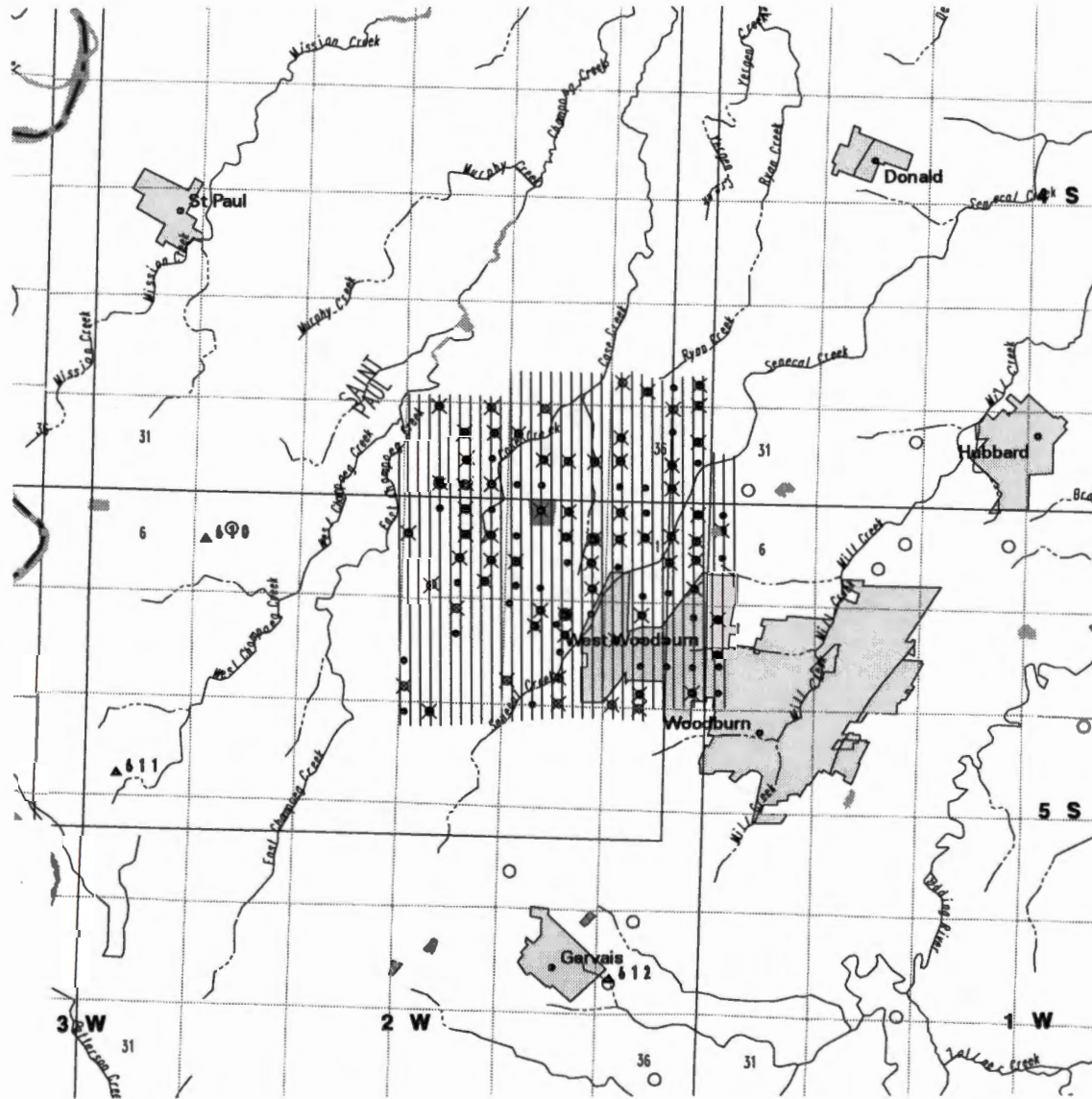
NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report
is to be filed with the

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date of well completion.

SP*12658-680

Wells in the vicinity of application G 14805

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



WELLS WITHIN 1 MILE OF G 14805

DO	148
ID	16
IMI	4
IR	138
LV	2
MO	30
MU	12

PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 14805

\$RECNO	APPLICATION	PERMIT	LOC-QQ	USE	RATE	DIV-UNITS
1	G	3877	G 3645	4.00S 2.00W25SWSW IR	0.4600	C
1	G	3877	G 3645	4.00S 2.00W25SWSW IR	0.6700	C
1	G	5585	G 5443	4.00S 2.00W25SWSW IR	0.5900	C
1	G	5585	G 5443	4.00S 2.00W25SWSW IR	0.8200	C
1	G	7718	G 7168	4.00S 2.00W25SWSW IS	0.8100	C
2	GR	361	GR 347	4.00S 2.00W25SESW IR	70.0000	G
3	GR	3620	GR 3315	4.00S 2.00W25SESE IR	250.0000	G
4	GR	337	GR 322	4.00S 2.00W34NENW IR	320.0000	G
5	GR	1201	GR 1161	4.00S 2.00W36NENE IR	500.0000	G
6	G	8785	G 8087	4.00S 2.00W34NENE IR	0.3500	C
7	G	2201	G 2033	4.00S 2.00W35NENW IR	0.7000	C
7	G	4017	G 3768	4.00S 2.00W35NENW IR	0.3300	C
8	GR	1378	GR 1335	4.00S 2.00W36NWNE IR	280.0000	G
9	G	2178	G 2008	4.00S 2.00W34SWNE IR	0.6300	C
10	G	11269	G 10380	4.00S 2.00W36SENE IR	0.4200	C
10	G	13166	G 11757	4.00S 2.00W36SENE AG	1.1700	C
10	G	13166	G 11757	4.00S 2.00W36SENE IC	1.1700	C
11	G	7092	G 6560	4.00S 2.00W34SENE IR	0.0600	C
11	G	7092	G 6560	4.00S 2.00W34SENE IR	0.1900	C
11	GR	631	GR 599	4.00S 2.00W34SENE IR	150.0000	G
12	GR	1067	GR 1029	4.00S 2.00W35SWNW IR	270.0000	G
13	GR	1202	GR 1162	4.00S 2.00W36SWNW IR	700.0000	G
14	GR	1976	GR 1907	4.00S 2.00W34NWSE IR	100.0000	G
15	G	1362	G 1238	4.00S 2.00W36NWSE IR	0.5100	C
16	G	1923	G 1767	4.00S 2.00W35NESW IR	0.5200	C
16	G	3327	G 3127	4.00S 2.00W35NESW IR	0.2200	C
16	G	4251	G 3819	4.00S 2.00W35NESW IR	0.0800	C
17	G	12264	G 11262	4.00S 2.00W35NWSE IR	1.0000	C
18	G	12866	G 11736	4.00S 2.00W36NWSW IR	0.0970	C
19	G	152	G 101	4.00S 2.00W35NESE IR	0.0400	C
19	G	152	G 101	4.00S 2.00W35NESE IS	0.0100	C
19	G	2121	G 1963	4.00S 2.00W35NESE IR	0.1100	C
19	G	2121	G 1963	4.00S 2.00W35NESE IS	0.0100	C
20	G	13330	G 11721	4.00S 2.00W34SESW IR	170.0000	G
20	G	13330	G 11721	4.00S 2.00W34SESW IR	500.0000	G
20	GR	73	GR 62	4.00S 2.00W34SESW IR	400.0000	G
21	G	13330	G 11721	4.00S 2.00W34SWSE IR	170.0000	G
21	G	13330	G 11721	4.00S 2.00W34SWSE IR	500.0000	G
22	G	2925	G 2715	4.00S 2.00W34SESE IR	0.6600	C
23	G	13390	G 12302	4.00S 2.00W36SWSE AG	0.4400	C
23	G	13390	G 12302	4.00S 2.00W36SWSE IR	0.4400	C
24	G	451	G 319	5.00S 2.00W 3NWNE IR	0.9300	C
25	G	13255	G 11875	5.00S 2.00W 2NENW IR	0.4200	C
26	GR	1204	GR 1164	5.00S 2.00W 2NWNE IR	150.0000	G
26	GR	2881	GR 4100	5.00S 2.00W 2NWNE IR	150.0000	G
27	G	12915	G 11617	5.00S 2.00W 1NWNW IR	52.0000	G
27	G	12915	G 11617	5.00S 2.00W 1NWNW NU	80.0000	G
27	G	12914	G 12173	5.00S 2.00W 1NWNW AG	0.0940	C
27	G	12914	G 12173	5.00S 2.00W 1NWNW IR	0.0058	C
28	G	3982	G 3739	5.00S 2.00W 1NENE IR	1.1100	C
29	GR	2009	GR 1937	5.00S 2.00W 3SWNW IR	30.0000	G
30	G	4210	G 3974	5.00S 2.00W 3SWNE IR	0.8000	C
31	GR	2662	GR 2524	5.00S 2.00W 3SENE IR	315.0000	G
32	G	2146	G 1980	5.00S 2.00W 2SWNE IR	0.1400	C
33	GR	1012	GR 978	5.00S 2.00W 1SENW IR	395.0000	G
34	G	11455	G 10564	5.00S 2.00W 1SWNE IR	1.3900	C

35	G	13388	G	11708	5.00S	2.00W	2SENE	IR	80.0000	G
35	GR	2171	GR	2080	5.00S	2.00W	2SENE	IR	34.0000	G
36	GR	924	GR	897	5.00S	2.00W	1SWNW	IR	600.0000	G
37	G	2217	G	2041	5.00S	2.00W	1SENE	IR	0.1500	C
38	G	2139	G	1988	5.00S	2.00W	3NWSE	IR	0.1100	C
39	G	2257	G	2074	5.00S	2.00W	3NESE	IR	0.1900	C
39	G	5400	G	5325	5.00S	2.00W	3NESE	IR	0.1800	C
40	G	211	G	130	5.00S	2.00W	2NWSW	IR	0.0200	C
40	G	12329	G	11202	5.00S	2.00W	2NWSW	IR	0.1200	C
40	GR	3370	GR	3117	5.00S	2.00W	2NWSW	IR	160.0000	G
41	G	10121	G	9208	5.00S	2.00W	1NWSE	IR	0.5500	C
41	GR	2661	GR	2523	5.00S	2.00W	1NWSE	IR	100.0000	G
42	G	2038	G	1849	5.00S	2.00W	1NESE	IR	0.0800	C
42	G	5910	G	5622	5.00S	2.00W	1NESE	IR	0.0800	C
42	GR	2108	GR	2026	5.00S	2.00W	1NESE	IR	60.0000	G
43	G	10763	G	9826	5.00S	2.00W	2NESE	IR	0.0500	C
43	GR	703	GR	658	5.00S	2.00W	2NESE	IR	118.0000	G
44	G	3647	G	3426	5.00S	2.00W	3SESE	IR	0.1600	C
45	G	3559	G	3357	5.00S	2.00W	3SESW	IR	1.2700	C
46	G	3099	G	2893	5.00S	2.00W	1SESE	MU	1.6700	C
47	G	533	G	430	5.00S	2.00W	2SESE	IR	0.2400	C
48	G	6918	G	5688	5.00S	2.00W	10NWNE	IR	2.0000	C
48	G	8241	G	7801	5.00S	2.00W	10NWNE	IR	0.5000	C
48	G	11301	G	10419	5.00S	2.00W	10NWNE	IR	0.3800	C
49	GR	2421	GR	2301	5.00S	2.00W	11NENW	IR	60.0000	G
50	G	13083	G	11840	5.00S	2.00W	11NWNE	NU	0.5000	C
51	G	527	G	428	5.00S	2.00W	12NENW	IR	0.0800	C
51	GR	2001	GR	1931	5.00S	2.00W	12NENW	IR	160.0000	G
52	G	3755	G	3545	5.00S	2.00W	11SENW	IR	0.6000	C
53	G	12342	G	11241	5.00S	2.00W	11SWNE	NU	0.1400	C
54	G	13519	G	11922	5.00S	2.00W	12SWNW	MU	4.6100	C
55	G	12613	G	11936	5.00S	2.00W	11SWSE	IR	1.1800	C
55	GR	3471	GR	3208	5.00S	2.00W	11SWSE	IR	150.0000	G
55	GR	3832	GR	3493	5.00S	2.00W	11SWSE	IR	100.0000	G
56	G	7192	G	6623	5.00S	2.00W	11SWSW	IR	0.7400	C
57	T	6484	CG	2487	5.00S	2.00W	10SWSW	IR	1.6800	C
57	G	2656	G	2487	5.00S	2.00W	10SWSW	IR	1.6800	C
57	G	12414	G	11398	5.00S	2.00W	10SWSW	IR	1.3100	C
58	G	5331	G	5281	5.00S	2.00W	12SESW	IR	0.3800	C
58	G	5331	G	5281	5.00S	2.00W	12SESW	IS	0.4900	C
58	G	10337	G	9338	5.00S	2.00W	12SESW	IR	1.0200	C
58	GR	53	GR	45	5.00S	2.00W	12SESW	IR	300.0000	G
58	GR	2660	GR	2522	5.00S	2.00W	12SESW	IR	60.0000	G
59	G	3269	G	3065	5.00S	2.00W	12SESE	IR	0.3200	C
60	G	11838	G	11054	5.00S	2.00W	14NWNE	IR	0.9300	C
61	G	4286	G	4035	5.00S	2.00W	13NWNW	IR	0.9000	C
62	G	7517	G	6991	5.00S	2.00W	13NENW	IR	0.0100	C
63	G	3615	G	3398	5.00S	2.00W	15NENW	IR	1.2000	C
64	G	1254	G	1012	5.00S	1.00W	6SWNW	FI	0.4500	C
64	G	8455	G	7592	5.00S	1.00W	6SWNW	FI	0.6700	C
65	GR	861	GR	834	5.00S	1.00W	7NWNW	IR	600.0000	G
66	G	2769	G	2593	5.00S	1.00W	7SWNW	MU	0.1100	C
66	G	2769	G	2593	5.00S	1.00W	7SWNW	MU	1.0000	C
66	G	13460	G	12029	5.00S	1.00W	7SWNW	MU	1.3400	C

CONDITIONED WELLS WITHIN 5 MILES OF APPLICATION G 14805

\$RECNO APPLICATION PERMIT LOC-QQ CONDITION-CODE

1	G	13330	G	11721	4.00S	2.00W34SESW	4GG
1	G	13330	G	11721	4.00S	2.00W34SESW	4GG
1	GR	73	GR	62	4.00S	2.00W34SESW	
2	G	13330	G	11721	4.00S	2.00W34SWSE	4GG
2	G	13330	G	11721	4.00S	2.00W34SWSE	4GG
3	G	13872	G	12409	4.00S	1.00W32SENE	7BG
3	G	13872	G	12409	4.00S	1.00W32SENE	7BR
3	G	13872	G	12409	4.00S	1.00W32SENE	7CG
3	G	13872	G	12409	4.00S	1.00W32SENE	7CR
3	GR	100	GR	131	4.00S	1.00W32SENE	
4	G	13166	G	11757	4.00S	1.00W31SESW	4IG
4	G	13166	G	11757	4.00S	1.00W31SESW	4IR
5	G	12945	G	11715	5.00S	2.00W 5SENW	4GG
6	G	13388	G	11708	5.00S	2.00W 2SENE	4GG
6	GR	2171	GR	2080	5.00S	2.00W 2SENE	
7	G	13083	G	11840	5.00S	2.00W11NWNE	4KG
8	G	12921	G	11618	5.00S	2.00W23NWSW	4GG
9	G	11501	G	10599	5.00S	2.00W25NENW	3C
9	G	11501	G	10599	5.00S	2.00W25NENW	3C
10	G	12794	G	11613	5.00S	2.00W25NWSW	4GG
10	GR	2553	GR	2412	5.00S	2.00W25NWSW	
11	G	12725	G	11428	5.00S	2.00W36NWSE	
11	GR	1073	GR	1035	5.00S	2.00W36NWSE	
12	G	12203	G	11643	5.00S	1.00W 5SENE	3CW
13	G	14072	G	12874	5.00S	1.00W 4SENE	7BG
13	G	14072	G	12874	5.00S	1.00W 4SENE	7BR
14	G	12813	G	11678	5.00S	1.00W 5NWSE	4GG
15	G	12799	G	11614	5.00S	1.00W15NWNE	4GG
15	GR	771	GR	746	5.00S	1.00W15NWNE	
16	G	13382	G	11758	5.00S	1.00W29SESE	4IG
16	G	13382	G	11758	5.00S	1.00W29SESE	4IR
16	G	13382	G	11758	5.00S	1.00W29SESE	4KG

APPLICATION G 14805 FALLS WITHIN THESE QUAD(S)

SAINT PAUL

Water Resources Department

MEMO

April 28, 1999

TO G-14805

FROM Fred Lissner

SUBJECT Well Sealing Condition

The permit issued pursuant to application G-14805 requires the well seal to be extended to 170 feet below land surface. This seal depth was projected based on the lithologic log for a nearby well, MARI 2248, for the purpose of preventing interference with surface rights and neighboring ground water rights supplied by shallow wells. Fifty feet of clay, from approximately 140 to 190 feet below land surface, was anticipated and would have been the preferred sealing horizon.

Driller's field log for the actual lithology down to 192 feet was submitted for consideration 4/28/99—copy attached. It shows clay, clay with gravel, and clay with sand layers from 126 to 150 feet below land surface. Static water levels above and below the clays differ by approximately 10 feet. These clays likely correlate with the deeper clay encountered in MARI 2248. Given that, there is no benefit to sealing down to the prescribed 170 feet, and doing so may reduce the capacity and efficiency of the well.

Based on the rough log submitted 4/28/99—attached--sealing from land surface to 150 feet will provide the protection the referenced permit condition was designed to provide. **Sealing to 150 feet is approved.**

Permit

Norton

Call - 378 8455 - Maric #209

Don milte 205

Fred Lister #204 ✓

Permit NO 614805

From


Top soil	0 - 1	
clay brown	1 - 26	
clay, sandy, green	26 - 34	
clay, grey	34 - 69	
clay, dark grey	69 - 76	
Sand black	76 - 109	static 19'
Cemented gravel	109 - 126	static 16'
clay grey	126 - 129	
clay, gravel	129 - 141	
clay, dark grey, short sand layers	141 - 150	W.B. 27
Sand, black	150 - 174	W.B. 27
clay, green	174 - 184	
clay , Sand, black, some gravel	184 - 185	
Clay, green	185 - 188	
Sand & clay	188 - 192	W.B. 27

Water Resources Department

MEMO

April 28, 1999

TO G-14805

FROM Fred Lissner 

SUBJECT Well Sealing Condition

The permit issued pursuant to application G-14805 requires the well seal to be extended to 170 feet below land surface. This seal depth was projected based on the lithologic log for a nearby well, MARI 2248, for the purpose of preventing interference with surface rights and neighboring ground water rights supplied by shallow wells. Fifty feet of clay, from approximately 140 to 190 feet below land surface, was anticipated and would have been the preferred sealing horizon.

Driller's field log for the actual lithology down to 192 feet was submitted for consideration 4/28/99—copy attached. It shows clay, clay with gravel, and clay with sand layers from 126 to 150 feet below land surface. Static water levels above and below the clays differ by approximately 10 feet. These clays likely correlate with the deeper clay encountered in MARI 2248. Given that, there is no benefit to sealing down to the prescribed 170 feet, and doing so may reduce the capacity and efficiency of the well.

Based on the rough log submitted 4/28/99—attached--sealing from land surface to 150 feet will provide the protection the referenced permit condition was designed to provide. **Sealing to 150 feet is approved.**

Permit

Call - 378 8455

Norton

- Maric #209
Don Milte 205

Fred Lister #204 ✓

Permit NO 614805

From

Top soil	0-1	
clay brown	1-26	
clay, sandy, green	26-34	
clay, Grey	34-69	
clay, Dark Grey	69-76	
Sand Black	76-109	Static 19'
Cemented gravel	109-126	Static 16'
clay Grey	126-129	
clay, Gravel	129-141	
clay, dark grey, short sand layers	141-150	W.B. 27
Sand, Black	150-174	W.B. 27
clay, Green	174-184	
clay Sand, Black, some Gravel	184-185	
Clay, Green	185-188	
Sand & clay	188-197	W.B. 27

Hunt us I was told by a Fellow in your
Office that sometimes there are ways to
speed the process up I would gratefully
appreciate your Help feel free to call
me at 201-3799 or 981-9098

& Respectfully
Kevin Crosby

K.W. CROSBY, INC.

P.O. Box 70 • 7798 Crosby Rd., NE
Woodburn, Oregon 97071
503-981-9088 • Fax 503-982-4516

RECEIVED

MAR 18 1999

WATER RESOURCES DEPT.
SALEM, OREGON

FAX

DATE: 3-12-99 NO. OF PAGES INCLUDING COVER SHEET _____

ATTENTION: ^{MR} Dwight French COMPANY NAME: Water Resources Division

RECEIVER'S FAX #: _____ REGARDING THIS TRANSMISSION, ASK FOR: _____

NEED For water right sooner

Mr FRENCH I AM writing too you today
too ask you if possible too speed up the
approval of our water right permit
number G14805. we have a contract
with the Coors company too plant HOPS
on this field and if I dont get the
water right 1 month sooner, it will economically

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **22674**

158 12TH ST. N.E.
SALEM, OR 97310-0210
378-8455 / 378-8130 (FAX)

INVOICE # _____

RECEIVED FROM: K.W. Crosby
BY: Hops, inc

APPLICATION	G14805
PERMIT	
TRANSFER	

CASH: CHECK: # 25-80 OTHER: (IDENTIFY)

TOTAL REC'D \$ 575.00

0417 WRD MISC CASH ACCT

ADJUDICATIONS	\$
PUBLICATIONS / MAPS	\$
OTHER: (IDENTIFY)	\$
OTHER: (IDENTIFY)	\$

REDUCTION OF EXPENSE

CASH ACCT.	\$
VOUCHER #	

0427 WRD OPERATING ACCT

MISCELLANEOUS

0407 COPY & TAPE FEES	\$
0410 RESEARCH FEES	\$
0408 MISC REVENUE: (IDENTIFY)	\$
(New) TC165 DEPOSIT LIAB. (IDENTIFY)	\$

PCA# 66111

(Existing) TC168

WATER RIGHTS:

0201 SURFACE WATER	\$
0203 GROUND WATER	\$
0205 TRANSFER	\$

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	\$
LANDOWNER'S PERMIT	\$
OTHER (IDENTIFY)	\$

EXAM FEE	
\$	0202
\$ <u>400.00</u>	0204
\$	0206
EXAM FEE	
\$	0219
\$	0220

RECORD FEE	
\$	
\$ <u>175.00</u>	
\$	
LICENSE FEE	
\$	
\$	

0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD #	
0210 MONITORING WELLS	\$	CARD #	
OTHER (IDENTIFY)			

0539 LOTTERY PROCEEDS

1302 LOTTERY PROCEEDS	\$
-----------------------	----

0467 HYDRO ACTIVITY

0233 POWER LICENSE FEE (FWWRD)	LIC NUMBER	\$
0231 HYDRO LICENSE FEE (FWWRD)		\$
HRDRO APPLICATION		\$

RECEIPT # **22674**

DATED: 7-9-93

BY: M. Mrozko

K. W. CROSBY HOPS, INC.

4845

WATER RESOURCES DEPARTMENT

07/06/98

07/06/98

Bill #

575.00

1026 MERRILL LY

WATER IRRIGATION PERMIT

575.00

FO CHECKLIST

FILE # G14805
 PFO WEEK # 184

PFO TO FO CONVERSION

REVIEW DATE: 3/25/99
 INITIALS: RWC

In preparing to create the OF, you should check the following:

1. Y/N Were comments or protests received? If so, **from whom and when?**
2. On the PFO CC list, verify names and mailing addresses of **ALL** commentors (regardless of comment date, **affected landowners**, and **those who paid the \$10 feet**.)
3. Y/N/NA Have affected land owners been notified?
4. Y/N Is the file lacking a signed oath of accuracy for the application?
5. Y/N/NA Has ODFW asked for self certification of screening condition?
 If so, write "ODFW CERT" in the permit block on the front of the file.
6. Y/N Is water use prohibited for one or more months of the normal use period?
- ~~7. Y/N If #6 = "Y", is short season letter on file? Note: If short season letter is lacking, see item #10 below.
 Give applicant 60 days to submit required information.~~
8. ad Verify Payment of recording fees (*circle the appropriate option*)

250	DASE	
150	ICFS	
175	REC	
575		
PO 575		

 (1) Issue FO w/permit if fees are paid — Prepare refund request for excess fees, **including standing fees if no protest is filed and no modifications are being made to the PFO.** OWES
ad
- (2) Issue FO w/o permit if fees are lacking.
9. Y/N Is further processing possible? If not state reason: _____
10. Notify applicant of additional information or fees required prior to permit issuance. (**SEND CERTIFIED LETTER** & use standard wording from M:\...\FO\TOOLS if possible)
11. Assign permit numbers to files with oaths, fees, and no protests or other issues. G13622
12. Y/N Do the PFO conclusions require modification? Why? _____
 (If YES, circle FOMOD and one other type below)

FO Type: (circle types)	DENIAL	FO w/o PERMIT	FO & PERMIT	FOMOD
				MGMT. CODES <u>7B 7C</u>

- Once created, modify FO as needed to:
13. Respond to significant comments, issues, or disputes related to the proposed use of water (see notes, if any, listed above)
 14. Include or exclude permit conditions and management codes.
 15. Correct PFO errors (such as POD or POU location (verify from map), Permit format)
- Once FO document is completed:
16. Save WordPerfect document in M:\GROUPS\WR\FOWEEK 183 & delete duplicates.
 17. Print final draft of document and submit to team leader for review
 18. Y/N Team leader review completed m:\groups\wr\fo\forms\FO Check List.wpd

Water Right Conditions
Tracking Slip

Groundwater/Hydrology Section

FILE # G-14805

ROUTED TO: W.R

TOWNSHIP/

RANGE-SECTION: 55/2W-2

CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Marc A. Porter

TO: Water Rights Section 8/15/1998
FROM: Groundwater/Hydrology Section Maria Norton
SUBJECT: Application G- 14805
Reviewer's Name

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 Case Creek; or
 - c. ___ will if properly conditioned, adequately protect the surface water from interference:
 - i. ___ The permit should contain condition #(s) _____;
 - ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below; or
 - d. will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

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

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

REMARKS: The well shall be continuously cased and sealed to a depth of ~~70~~ depth of 170 feet

(Well Construction Considerations on Reverse Side)



Oregon Water Resources Department

Application for a Permit to Use Ground Water

App # 250
Q 150
recording 175
4575
RECEIVED
JUL - 9 1998
WATER RESOURCES DEPT.
SALEM, OREGON

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 instruction booklet when completing your application. Thank you.

1. Applicant Information

A. Individuals

(If more than one person is applying, please attach a sheet providing the information below for each person applying.)

Name: Crosby, Kevin
Last First MI

Mailing address: 16826 Butteville Rd. NE
Woodburn, OR 97071
City State Zip

Phone: (503) 981-9088
Home Work Other

*Fax: _____ *E-Mail address: _____

B. Organizations

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

Name of organization: _____

Name and title of person applying: _____

Mailing address of organization: _____

City State Zip

Phone: _____
Day Evening

*Fax: _____ *E-Mail address: _____

*Optional information

For Department Use

App. No. G-14805 Permit No. _____ Date 7/9/98

2. Location and Source

The Department cannot process your application without accurate information showing the source of water and location of water use. You must attach a map to 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 page 3 in the instruction booklet for detailed map specifications. In addition, please provide the following information:

A. County

In what county is the use proposed? Marion

In what county is the appropriation point proposed? Marion

B. River Basin

(See instruction booklet pg.3 for list):

Willamette

C. Property Ownership

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

- Yes (Skip to section 3 "Groundwater Development.")
- No Please check the appropriate box below, and on a separate sheet of paper list the names and addresses of all affected landowners.**
- I have a recorded easement or written authorization permitting access.
- I do not currently have written authorization or easement permitting access.

**If more than 25 landowners are involved, a list is not required. See page 4 in the instruction booklet for more details.

3. Groundwater Development

A. Number of wells: 1 B. Name of nearest surface water body Case Creek

C. Distance from well(s) to nearest stream or lake: 1) 1600'

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) _____

2) _____ 3) _____ 4) _____

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 in the instruction booklet):

- 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**, attach Form M
- If your proposed use is **commercial/industrial** or **quasi-municipal**, attach Form Q

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, and 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 Annual Amount	Production Rate of the Well in gpm
	200'±	irrigation	79 ac ft	200

C. Season of Use

Indicate the time of year you propose to use the water (for seasonal uses like irrigation give dates when water use would begin and end):

March - October

D. Acreage

If you will be applying water to land, please give the total number of acres where water will be applied or used:

31 1/2

5. Water Management

A. Diversion

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

- Pump (give horsepower and pump type) 20 HP submersible
- Other means (describe) _____

B. Transport

How will you transport water to your place of use?

- Ditch, canal (give average width and depth):
Width _____ Depth _____
Is the ditch or canal to be lined? Yes No
- Pipe (give diameter and total length) Portable mainline
Diameter(s) 6", 5" & 4" Length 6" - 1000', 5" - 1000', 4" - 500'
- Other (describe) over head sprinklers

C. Application/Distribution Method

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

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

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

drip irrigation not practical for field application

6. Project Schedule

Proposed date construction will begin ASAP

Proposed date construction will be completed Oct 1, 1999

Proposed date beneficial water use will begin Oct 1, 1999

7. Remarks

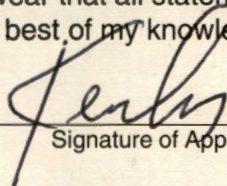
If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.

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 is 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 statements made and information provided in this application are true and correct to the best of my knowledge:



Signature of Applicant

7-7-98

Date

Signature of Co-applicant

Date

Before submitting this application, have you:

- Answered every question?
- Included a Land Use Information Form or receipt stub signed by a local official?
- Attached a legible map that meets all the necessary criteria?
- Included a check made out to WRD for at least the amount of the application fee?

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:

1. Wells will be constructed by: _____

Address: _____

Completion date: _____

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

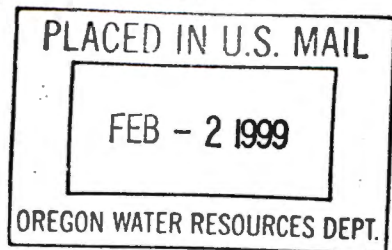
Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Estimated depth to water	Est. depth to water-bearing stratum	Type of access port or measuring device	Total well depth
	10"	Steel	?	?	?		200'	pipe plug	200' to 300'

F. Artesian Flows

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

NA

**Oregon Water Resources Department
Water Rights Division**



Water Rights Application
Number G-14805

Proposed Final Order

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

Application History

On July 9, 1998, KEVIN CROSBY submitted an application to the Department for the following water use permit:

- Amount of Water: 0.4 CUBIC FOOT PER SECOND (CFS) (PER THE LAND USE INFORMATION FORM)
- Use of Water: IRRIGATION OF 31.6 ACRES
- Source of Water: A WELL IN CASE CREEK BASIN
- Area of Proposed Use: MARION County within SECTION 2, TOWNSHIP 5 SOUTH, RANGE 2 WEST, W.M.

On 10/23/98, the Department mailed the applicant notice of its Initial Review, determining that "the use of 0.395 Cubic Foot per Second (177.28 Gallons per Minute) from a well in Case Creek Basin for Irrigation of 31.6 acres is allowable from March 1 through October 31 of each year." The applicant did not notify the Department to stop processing the application within 14 days of that date.

On 11/10/98, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about both obtaining future notices and a copy of the proposed final order.

No written comments were received within 30 days.

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

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

- the Scenic Waterway requirements of ORS 390.835
- applicable statutes, administrative rules, and case law
- any general basin-wide standard for flow rate and duty of water allowed
- the need for a flow rate and duty higher than the general standard
- any comments received

Findings of Fact

The Willamette Basin Program allows the following uses: IRRIGATION OF 31.6 ACRES.

A WELL, IN THE CASE CREEK BASIN, is not within or above a State Scenic Waterway.

An assessment of water availability has been completed by the Department's Groundwater/Hydrology Section. A copy of this assessment is in the file. This assessment determined that water is available for further appropriation. Therefore, the use of water may be allowed March 1 through October 31, the irrigation season.

The Department finds that no more than 0.395 CFS would be necessary for the proposed use. The amount of water requested, 0.4 CFS, shall be restricted to 0.395 CFS.

The well is not located within a designated critical ground water area or groundwater limited area.

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

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

Conclusions of Law

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

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

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

Water is available for the proposed use.

The proposed use will not injure other water rights.

The proposed use complies with other rules of the Water Resources Commission not otherwise described above.

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

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

For these reasons, the required presumption has been established.

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

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

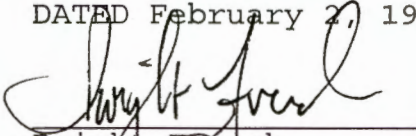
In this application, all criteria for establishing the presumption have been satisfied, as noted above. The presumption has not been overcome by a preponderance of evidence that the proposed use would impair or be detrimental to the public interest.

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

Recommendation

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

DATED February 2, 1999


Dwight French
Water Rights Section Manager

*If you have any questions,
please check the information
box on the last page for the
appropriate names and
phone numbers.*

Protest Rights and Standing

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.

Requests for Standing

Under the provisions of 537.621(6), persons other than the applicant who support a proposed final order may request standing for purposes of participating in any contested case proceeding on the proposed final order or for judicial review of a final order. A request for standing shall be in writing, include a statement that the requester supports the proposed final order, and a statement of how the requester would be harmed if the proposed final order is modified. The fee required at the time of submitting this request is \$50.00. If a hearing is scheduled, an

additional fee of \$150.00 must be submitted along with a request for intervention. Forms to request standing are available from the Department.

Your protest or request for standing must be received in the Water Resources Department no later than **March 19, 1999**.

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.

This document was prepared by Laura Snedaker. If you have any questions about any of the statements contained in this document I am most likely the best person to answer your questions. You can reach me toll free within Oregon at 1-800-624-3199 extension 331. 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.

DRAFT

This is not a permit!!!
STATE OF OREGON

DRAFT

COUNTY OF MARION

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

KEVIN CROSBY
16826 BUTTEVILLE RD. NE
WOODBURN, OREGON 97071

PHONE: (503) 981-9088

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

APPLICATION FILE NUMBER: G-14805

SOURCE OF WATER: A WELL IN the CASE CREEK BASIN

PURPOSE OR USE: IRRIGATION OF 31.6 ACRES

MAXIMUM RATE: 0.395 CUBIC FOOT PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: JULY 9, 1998

POINT OF DIVERSION LOCATION: NE 1/4 NW 1/4, SECTION 2, T5S, R2W, W.M.;
140 FEET SOUTH AND 1500 FEET EAST FROM NW CORNER, SECTION 2

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 2.5 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE 1/4 NW 1/4 5.0 ACRES
NW 1/4 NW 1/4 10.0 ACRES
SW 1/4 NW 1/4 16.6 ACRES
SECTION 2
TOWNSHIP 5 SOUTH, RANGE 2 WEST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order.

- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The Director may require the permittee to keep and maintain a record of the amount (volume) of water used and may require the permittee to report water use on a periodic schedule as established by the Director. In addition, the Director may require the permittee to report general water use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the permittee to submit alternative reporting procedures for review and approval.

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

The well shall be continuously cased and sealed to a depth of 170 feet.

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

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

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

After Use of Water has Begun

Seven Consecutive Annual Measurements

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

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

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

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

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

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

STANDARD CONDITIONS

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

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

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

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

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

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

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

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

Actual construction of the well shall begin within one year from issuance of the final order approving the use. Complete application of the water to the use shall be made on or before October 1, 2003. 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 _____, 199_

DRAFT - THIS IS NOT A PERMIT

Martha O. Pagel, Director
Water Resources Department

Mailing List for PFO Copies

Application #G-14805

PFO Date February 2, 1999

Original mailed to:

Applicant: KEVIN CROSBY, 16826 BUTTEVILLE RD NE, WOODBURN, OREGON 97071

Copies sent to:

1. WRD - File # G-14805

PFO, Map, and Fact Sheet Copies sent to:

2. WRD - Watermaster # 16
3. WRD - Regional Manager: NWR
4. ODFW District Biologist: Nancy Leibowitz

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

5. Bruce A. Estes, CWRE

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

"\$10 LETTER" sent to Interested Persons who have not protested or paid for copies

1. _____

2. _____

3. _____

Copies Mailed
By: <u>HW</u>
(SUPPORT STAFF)
on: <u>2/2/99</u>
(DATE)



Oregon Water Resources Department

RECEIVED

JUL - 9 1998

WATER RESOURCES DEPT.
SALEM, OREGON

FORM I

FOR IRRIGATION WATER USE

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

Primary Supplemental

31.6 acres

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

Primary: _____ 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. Hops or other row crops Full season Partial season (from: _____ to _____)
- 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:

79 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: _____

Application No. G 14805

Permit No. _____

PFO CHECKLIST

Application #: 614805

Basin: Willamette WAB: _____

County Mason Township 55 Range 2W Section 2 1/4 1/4 _____

- 1. Is the file complete by the Minimum Requirements Checklist? Y/N
- 2. Shortcomings (items needed before a permit and/or FO can be issued) Y/N
Check file for indicators that the process **should not** continue until a later date (ie - protest, letter to file indicating hold, or other)
- 3. Groundwater Review A B C D River/Stream Name Cause Cr Conditions 7B, 7C
 - a. Groundwater Availability A B C See gw form
 - b. Is second groundwater review necessary? (comments) Y/N
 - c. Is HB 1033 review complete? Y/N
 - d. Is the well located in a GWLA or CA? (If applicable, include map with POD) Y/N
- 4. Is use from a B.O.R. or Douglas County project? Y/N Contract in file? Y/N Contract # _____
- 5. Is the use allowed by the Basin Program? Y/N Limited? Y/N
- 6. Water Availability Data OK / REDONE / NA (50% before July 17, 1992; 80% live flow & 50% storage after July 17, 1992)
- 7. Is the source withdrawn or limited by statute or Department withdrawal order? Y/N
- 8. Is the Proposed Use located in or above a Scenic Waterway? Y/N
- 9. 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
- 10. Per the IR, is the Proposed Source on the DEQ 303d List? Y/N If so, any comments received? Y/N
Is the Proposed Use in a Dept of Ag. Water Quality Management Plan Area? Y/N Bear Creek or Tualatin River
- 11. Have conflicts been addressed? Y/N none identified by I.R.
- 12. Rate 1/80 Duty 2 1/2 Irrigation Season March -> Oct
- 13. Period of Allowed Use March -> Oct
- 14. Allowed Rate of Use 0.395 cfs
 $31.6 \times \frac{1}{80} = 0.395 \text{ cfs (177 gpm)}$ request 0.4 cfs per land use form
- 15. Is the use **Small** ($\leq 0.1 \text{ cfs}$, $\leq 9.2 \text{ AF}$) **Medium** (> 0.1 or $< 1.5 \text{ cfs}$, > 9.2 or $< 100 \text{ AF}$) or **Large** ($\geq 1.5 \text{ cfs}$, $\geq 100 \text{ AF}$)?
If the use is Municipal and $\leq 0.1 \text{ CFS}$, use **Large** condition.
- 16. Conditions 7B, 7C, See gw form
Is the proposed use within the New River Basin? Y/N If yes, include New River Agreement Conditions.
- 17. IR Public Notice Date 11-10-98 Comments Received? Y/N
- 18. Final Report Checklist
 - Documents used in determination are attached to this checklist and highlighted
 - 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
 - b. **Check Watermaster Dist. on the CC list and draft permit.**
 - Spell Check and Accuracy Check
 - Final PFO report hard copy check (format, margins, etc.)
 - Final PFO has been saved to m:\groups\wr\pfo\done\week#\application #

Name: LKS

Date: 1-4-99

IR CHECKLIST

Application # G14805 Priority Date: 7/9/98
Basin: 2 County: MARION
Township 55 Range 2W Section 2 1/4 1/4
WAB: _____ POU WAB: _____

1. Complete by Minimum Requirements checklist Y N Items still required: _____

2. Groundwater Review A B C D River/Stream Name Case Creek
Conditions 7B, 7C Water Availability A B C

3. Is the well located in a groundwater limited area? Y N Name _____

4. Is the well located in T1N R3E SEC 20, 21, 28, 29 Y N

5. Within or above a Scenic Waterway Y N Conditions/Restrictions Y N

6. Basin Maps have been checked Y N Pudding l. Champney ck.

7. Allowed under Basin Program Y N Limitations Y N (690-502-100(2))

8. Withdrawn Y N Season Allowed _____

9. Water Availability 80% _____ 50% _____ (N/A)

10. Use IRR Period of allowed use 3/1-10/31

11. Season requested by applicant 3/1-10/31

12. For Irrigation: Rate 1/80 Duty 2 1/2 Season 3/1-10/31

13. For Nursery or Cranberry: Rate _____ Duty _____ Season _____

14. Allowable rate of use: 31.6/80 = 0.395 177.28 GPM

Requested Rate: 200 GPM

15. BOR project Y N Contract # _____

16. Subject to Division 33: Y N (N/A) Above Bonneville _____ TES Y N

Below Bonneville _____ TES Y N TES only Y N

17. Conflict Y N CR 614815 - unfavorable - but did request waiver 1/4 1/4.

18. Conditions? (BOR, GW, other) Y N Continuously closed & sealed to 170'

19. Measuring condition Small _____ Medium Large _____

20. Within Dept. Of Agriculture Water Quality Management Area Y N (N/A)

TUALATIN _____ BEAR CREEK(ROGUE) _____

21. On DEQ 303d list Y N (N/A)

22. Land use approval OK'd Needs Approval County Notified (N/A)

23. Watermaster Dist: (1 2 16 18 20 (MWR)) (3 4 5 (NCR)) (6 8 9 10 (ER))

(11 12 17 (SCR)) (13 14 15 (SWR))

24. ODFW Biologist Nancy Leibowitz

24. Letter will be: GOOD LIMITED BAD BAD W/IR SHORT BAD W/HC EXCEPT

Name: Al Hoffman Date: 10-8-98

Plat Card Report for 5S 2W 2

10/8/98

Page 1 of 3

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE			
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
G 211	G 130	26689		64					NE	NW	SW	SE	0.100 IR	12.900 IR						
1/20/56																	4.500 IR	0.300 IR	5.800 IR	14.200 IR
G 533	G 430	28112		64													10.370 IR			5.240 IR
12/26/56																	11.000 IR			
GR 703	GR 658							6.000 IR												
9/10/50																				
GR 924	GR 897																			
6/1/50																				
GR 1204	GR 1164					13.700 IR	15.900 IR	0.030 IR	1.370 IR			15.000 IR	6.000 IR					3.000 IR		
4/20/51																				
G 2146	G 1980	33749	Cncl'd	64			11.200 IR					0.200 IR								
10/13/61							cncl'd					cncl'd								
G 2146	G 1980	33789		64			11.200 IR					0.200 IR								
10/31/61																				
GR 2421	GR 2301														0.500 IR			0.500 IR		
9/12/53																				
GR 2662	GR 2524										1.700 IR		0.800 IR	8.200 IR						
7/31/51																				
GR 2881	GR 4100				4.000 IR	22.000 IR														
12/31/46																				
G 2925	G 2715	36303		94					1.700 IR											
7/22/64																				

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres
<input type="checkbox"/> <input type="checkbox"/>
Status

< Supplemental indicator

Application	Permit	Certificate	DLC/ Status	Lot	NE				NW				SW				SE				
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
GR 3370	GR 3117													3.500 IR	1.000 IR						
9/6/53																					
G 6770	G 6354	56379	Cncl'd																		0 MU cncl'd
12/26/74																					
G 6918	G 5688	52392		63											0.300 IR						
4/29/75																					
T 7655	G 12029				0 MU	0 MU	0 MU	0 MU	0 MU	0 MU	0 MU	0 MU	0 MU	0 M	0 M	0 MU	0 MU	0 MU	0 MU	0 MU	
7/8/93																					
T 7656	CG 2593																				0 MU
T 7656	CG 2893																				0 MU
5/3/65																					
T 7656	CG 6354																				0 MU
12/26/74																					
G 10337	G 9338	61395		64									21.300 IR	1.700 IR	3.400 IR	27.500 IR		4.700 IR	22.900 IR		
5/22/81																					
G 10763	G 9826	64122		64													3.600 IR				
6/30/82																					
G 11455	G 10564	55142		64				3.900 IR									6.000 IR				
11/22/85																					
G 11833	G 10931																0 MU			0 MU	
7/12/88																					

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres	Status

 < Supplemental indicator

Application	Permit	Certificate	DLC/ Status Lot	NE				NW				SW				SE							
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE				
G 12329	G 11202							NE	NW	SW	SE					7.500	0.400						
12/6/90																IR	IR						
G 12914	G 12173			0.700																			
5/11/92				IR																			
				0																			
5/11/92				AG																			
G 13255	G 11875							12.200	0.700	13.000	7.400					0.700							
1/19/93								IR	IR	IR	IR					IR							
G 13388	G 11708		Cncl			0.500	0.870													10.290	3.100		
5/3/93						IR	IR													IR	IR		
						cncl	cncl													cncl	cncl		
G 14691				1.500			2.500																
3/4/98				IR			IR																
G 14805								5.000	10.000	16.600													
7/9/98								IR	IR	IR													
G 14815									40.000														
7/30/98									ID														

PCR

Subject

Junior

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use >

Acres	
<input type="checkbox"/>	<input type="checkbox"/>
Status	

< Supplemental indicator

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

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

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

Stat. Auth.: ORS 536.300 & 536.340

Hist.: WRD 4-1992, f. & cert. ef. 3-13-92

Groundwater Classifications and Conditions

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Stat. Auth.: ORS Ch. 536 & 537

Hist.: WRD 4-1992, f. & cert. ef. 3-13-92; WRD 12-1993, f. & cert. ef. 9-9-92; WRD 3-1994, f. & cert. ef. 3-10-94, WRD - 1994, f. & cert. ef. 11-7-94



Oregon

John A. Kitzhaber, M.D., Governor

Water Resources Department

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

October 23, 1998

KEVIN CROSBY
16826 BUTTEVILLE RD NE
WOODBURN, OREGON 97071

Reference: File G-14805

Dear Applicant:

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

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

Initial Review Determinations:

1. The proposed use is not prohibited by law or rule.
2. The use of water from A WELL IN CASE CREEK BASIN for IRRIGATION OF 31.6 ACRES for is **allowable** under OAR 690-502-160(2), the Willamette River Basin Program.
3. The Department has determined, based upon OAR 690-09, that the proposed groundwater use will not have the potential for substantial interference with the nearest surface water source, namely Case Creek; however the well must be continuously cased and sealed to a minimum depth of 170 feet below land surface.
4. The Department has also determined, based upon available data, that the use of groundwater in the amount of 200.0 GALLONS PER MINUTE for IRRIGATION OF 31.6 ACRES, if properly conditioned, will not injure existing rights or the groundwater resource.

5. The Department finds that no more than 0.395 CUBIC FOOT PER SECOND (177.28 GALLONS PER MINUTE) shall be necessary for the proposed use.

Summary of Initial Determinations

The use of 0.395 CUBIC FOOT PER SECOND (177.28 GALLONS PER MINUTES) from A WELL IN CASE CREEK BASIN for IRRIGATION OF 31.6 ACRES is allowable from March 1 through October 31 of each year.

Because of these favorable determinations, the Department can now move your application to the next phase of the water rights application review process. This phase is where public interest factors will be evaluated.

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

To Proceed With Your Application:

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

Withdrawal Refunds:

If you choose not to proceed, you may withdraw your application and receive a refund (minus a \$50 processing charge per application.) To accomplish this you must notify the Department in writing by **Friday, November 6, 1998**. For your convenience you may use the enclosed "STOP PROCESSING" form.

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

1. Measurement, recording and reporting conditions:
 - A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order.
 - B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
 - C. The Director may require the permittee to keep and maintain a record of the

amount (volume) of water used and may require the permittee to report water use on a periodic schedule as established by the Director. In addition, the Director may require the permittee to report general water use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the permittee to submit alternative reporting procedures for review and approval.

2. If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.
3. To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

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

After Use of Water has Begun

Seven Consecutive Annual Measurements

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

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

- (A) Identify each well with its associated measurement; and
- (B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and

- (C) Specify the method used to obtain each well measurement; and
- (D) Certify the accuracy of all measurements and calculations submitted to the Department.

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

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

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

- 4. The well shall be continuously cased and sealed to a minimum depth of 170 feet below land surface.
- 5. The priority date for this application is July 9, 1998.

If you have any questions:

Questions about the status of your application, processing timelines, or your upcoming Proposed Final Order should be directed to our Water Right Information Group at (800) 624-3199 or (503) 378-8455 extension 499. Feel free to call me at (800) 624-3199 or (503) 378-8455 extension 229 if you have any questions regarding the contents of this letter. Please have your application number available if you call.

Sincerely,



Anita M. Huffman
Water Rights Specialist

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

G-14805
wab Willamette-
pou Willamette-
gw B

APPLICATION FACT SHEET

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

Application File Number: G-14805

Applicant: KEVIN CROSBY

County: MARION

Watermaster: 16

Priority Date: July 9, 1998

Source: A WELL IN CASE CREEK BASIN

Use: IRRIGATION OF 31.6 ACRES

Quantity: 200.0 GALLONS PER MINUTE

Basin Name & Number: #2 Willamette

Stream Index Reference: District 16

Point of Diversion Location: NENW 5.0 ACRES NWNW 10.0 ACRES SWNW 16.6 ACRES,
SECTION 2, TOWNSHIP 5 SOUTH, RANGE 2 WEST, W.M.

Place of Use:

14 DAY STOP PROCESSING DEADLINE DATE: Friday, November 6, 1998

PUBLIC NOTICE DATE: Tuesday, November 10, 1998

30 DAY COMMENT DEADLINE DATE: Thursday, December 10, 1998



Application No. G14805

Permit No.

Oregon Water Resources Department
Land Use Information Form

RECEIVED

JUL - 9 1998

WATER RESOURCES DEPT.
SALEM, OREGON

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: Kevin Crosby

Address: 16826 Butteville Rd. NE

City: Woodburn State: OR Zip: 97071 Day Phone: (503) 981-9088

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.

Sec 2, T5S, R2W, W.M.

Tax Lot I.D.	Plan Designation (e.g. Rural Residential/RR-5)	Water to be: (check all that apply)		
<u>600</u>	<u>Primary Ag / EF4</u>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used
<u>500</u>	<u>Primary Ag / EF4</u>	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input checked="" 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. Marion Co.

C. Description of Water Use

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

Beneficial Use(s): irrigation

Briefly describe: irrigation of hops or other row crops from the well

D. Source

Indicate the source for the proposed water use:

Reservoir/Pond Ground Water Surface Water _____ (source)

E. Quantity

Indicate the estimated quantity of water the use will require:

0.1 CFS ¹⁸⁰GPM 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); 136.020. 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: Joe Ferrimore Date: 6/30/98

Title: ASSOC. PLANNER Phone: (503) 588-5038

Signature: 

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.)

RECEIVED

JUL - 9 1998

Order No. 01-11282-22

WATER RESOURCES DEPT.
SALEM, OREGON

EXHIBIT "ONE"

Beginning at the Northwest corner of the Louis Vandall Donation Land Claim in Township 5 South, Range 2 West of the Willamette Meridian in Marion County, Oregon, thence South $66^{\circ}45'$ East along the North line of said Claim, 8.89 chains, thence South $23^{\circ}26'$ West 38.89 chains, thence North $66^{\circ}45'$ West along the South line of the North half of said Claim, 8.89 chains to an iron rod in the West line of said claim, thence North $23^{\circ}26'$ East along said West line, 38.85 chains to the point of beginning.

SAVE AND EXCEPT: Beginning at a point that is 30 feet South $23^{\circ}26'$ West from the Northwest corner of the Louis Vandall Donation Land Claim No. 64, in Section 2, Township 5 South, Range 2 West, Willamette Meridian, Marion County, Oregon, said point being at the intersection of the Northwest line of a tract of land conveyed to John Sigloh as recorded in Volume 389, page 645, Deed Records, Marion County, Oregon and the South line of the Crosby Road, thence South $23^{\circ}26'$ West along the Northwest line of said Sigloh Tract, 330.00 feet, thence South $66^{\circ}45'$ East parallel with the South line of said road, 132.0 feet, thence North $23^{\circ}26'$ 330.00 feet to the South line of said road, thence North $66^{\circ}45'$ West along the South line of said road 132.0 feet to the point of beginning.

FURTHER SAVE AND EXCEPT: Beginning at a point that is 30 feet South $23^{\circ}26'$ West from the Northwest corner of the Louis Vandall Donation Land Claim No. 64, in Section 2, Township 5 South, Range 2 West, Willamette Meridian, Marion County, Oregon, said point being at the intersection of the Northwest line of a tract of land conveyed to John Sigloh as recorded in Volume 389, page 645, Deed Records, Marion County, Oregon and the South line of the Crosby Road, thence South $23^{\circ}26'00''$ West, along the Northwest line of said Sigloh tract, 330.00 feet to the True point of beginning, thence South $23^{\circ}26'00''$ West, continuing along the Northwest line of said Sigloh tract 330.00 feet, thence South $66^{\circ}45'00''$ East, parallel to the South line of said road, 198.00 feet, thence North $23^{\circ}26'00''$ East, parallel to said Northwest of Sigloh tract line, 660.00 feet to the South line of said road, thence North $66^{\circ}45'00''$ West, along the South line of said road, 66.00 feet to the Northeast corner of a tract of land described in Reel 1333, page 195, Marion County Records, thence South $23^{\circ}26'00''$ West, along the Southeast line of said tract, 330.00 feet to the Southeast corner thereof, thence North $66^{\circ}34'00''$ West, parallel to the South line of said road, 132.00 feet to the TRUE POINT OF BEGINNING.

Application No. E14805

Permit No.

** For Internal Use Only ***

Control No.: 73015604

Paid To:
OREGON WATER RESOURCE DEPARTMENT

Comments:
WATER RIGHTS FOR KEVIN CROSBY APPLICATION #G-14805 PERMIT
#G-13622

Mail To:
OREGON WATER RESOURCES DEPARTMENT
725 SUMMER STREET NE, SUITE A
SALEM, OR 97301

Memo:

Date: 05/09/2012

Amount: \$75.00

077104

077104-441-001-99

\$75.00 - 60-Principal Advance

WATER RIGHTS

RECEIVED
MAY 14 2012
WATER RESOURCES DEPT
SALEM, OREGON

Control No.: 73015604

Paid To:
OREGON WATER RESOURCE DEPARTMENT

Comments:
WATER RIGHTS FOR KEVIN CROSBY APPLICATION #G-14805 PERMIT
#G-13622

Mail To:
OREGON WATER RESOURCES DEPARTMENT
725 SUMMER STREET NE, SUITE A
SALEM, OR 97301

Customer No.	Account No.	Amount
077104	077104-441-001-99	\$75.00

Date: 05/09/2012 Amount: \$75.00

Memo:

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **105714**

INVOICE # _____

RECEIVED FROM: Northwest Farm Credit Services
BY: _____

APPLICATION	G14805
PERMIT	
TRANSFER	

CASH: CHECK: # 730562A OTHER: (IDENTIFY) _____

TOTAL REC'D \$ 7500

1083 TREASURY 4170 WRD MISC CASH ACCT

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

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

4270 WRD OPERATING ACCT

MISCELLANEOUS 46111
0407 COPY & TAPE FEES \$ _____
0410 RESEARCH FEES \$ _____
0408 MISC REVENUE: (IDENTIFY) Assignment \$ 7500
TC162 DEPOSIT LIAB. (IDENTIFY) \$ _____
0240 EXTENSION OF TIME \$ _____

WATER RIGHTS:		EXAM FEE		RECORD FEE
0201	SURFACE WATER	\$ _____	0202	\$ _____
0203	GROUND WATER	\$ _____	0204	\$ _____
0205	TRANSFER	\$ _____		
WELL CONSTRUCTION		EXAM FEE		LICENSE FEE
0218	WELL DRILL CONSTRUCTOR	\$ _____	0219	\$ _____
	LANDOWNER'S PERMIT		0220	\$ _____

OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE \$ _____ CARD # _____
0210 MONITORING WELLS \$ _____ CARD # _____
OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

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

TREASURY OTHER / RDX

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

RECEIPT: **105714**

DATED: 5-14-12 BY: MC