

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

Application for a Permit to Use Ground Water

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

1. APPLICANT INFORMATION

A. Individuals

Applicant: CRAIG Petrie (PETRIE)
First Last

Co-applicant: _____
First Last

Mailing address: 18262 SW BRYANT RD
Lake Oswego OR 97034
City State Zip

Phone: 503-638-8037 503-590-0632 503-414-4461
Home Work Other

*Fax: 503-579-9034 *E-Mail address: _____

B. Organizations

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

Name of organization: N/A

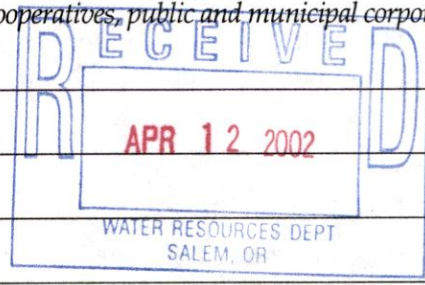
Name and title of person applying: N/A

Mailing address of organization: N/A
N/A _____
City State Zip

Phone: N/A _____
Day Evening

*Fax: N/A *E-Mail address: _____

*Optional information



For Department Use		
App. No. _____	Permit No. _____	Date _____

Ground Water/1 **Application No. 15742**
Permit No.

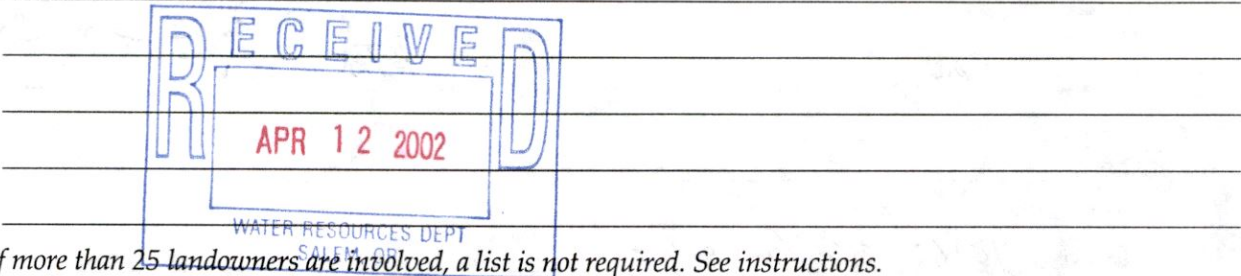
2. PROPERTY OWNERSHIP

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

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

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

n/a



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

3. GROUND WATER DEVELOPMENT

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

C. Distance from well(s) to nearest stream or lake: 1) 2000 feet

2) _____ 3) _____ 4) _____

D. If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) 200 feet

2) 189A 3) _____ 4) _____

E. Well Characteristics

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

Well(s) will be constructed by: well is constructed

Address: Well Log # Desc 54270 (see attached Well Log)

Completion date: 11-26-01

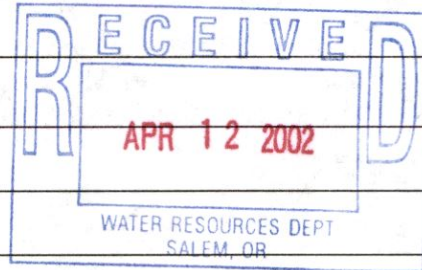
2. Please provide a description of your well development. (Attach additional sheets if needed.)

Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth
Well # 49495		see attached well Log							

F. Artesian Flows

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

N/A



4. WATER USE

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

A. Type(s) of Use(s)

See list of beneficial uses provided in the instructions.

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

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B. Amount of Water

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

Well No.	Source or aquifer	Type of use	Total rate of water requested (in gpm)	Total annual quantity (in gallons)	Production rate of well (in gpm)
Desc 54270	Deschutes BASIN	Supplement + Replace Evaporated RAINWATER for fire protection in the urban interface AREA	25		25 + AS TESTED

C. Maximum Rate of Use Requested

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

Storage pond/reservoir - Fire protection

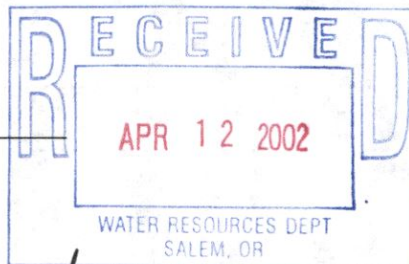
D. Period of Use

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

E. Acreage

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

5. WATER MANAGEMENT



A. Diversion

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

- Pump (give horsepower and pump type) To be determined
- Other means (describe) _____

B. Transport

How will you transport water to your place of use? To pond/reservoir

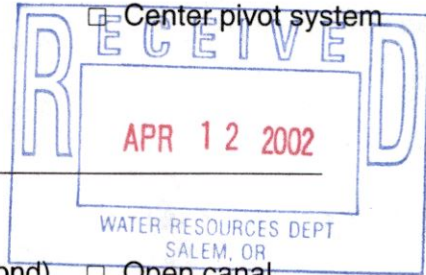
- Ditch or canal (give average width and depth)
 Width _____ Depth _____
 Is the ditch or canal to be lined? Yes No
- Pipe (give diameter and total length)
 Diameter To be determined Length Approx 100' feet
- Other (describe) _____

C. Application/Distribution Method

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

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

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



Distribution method

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

D. Conservation

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

purpose is to extinguish fires & reduce the potential outbreak of fires.

6. PROJECT SCHEDULE

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

Proposed date construction will begin Summer 2003

Proposed date construction will be completed Summer 2003

Proposed date beneficial water use will begin Summer 2003

7. REMARKS

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

The purpose is to supplement & replace evaporated rainwater for fire protection for the purposes of fire protection, extinguishing fires or reducing the potential outbreak for fires in the Urban interface area as outlined by the State forestry dept. in a pond/reservoir in an existing low area storing less than 9.2 acre feet.

8. MAP REQUIREMENTS

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

9. SIGNATURE

By my signature below I confirm that I understand:

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

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

Signature of Applicant

Ernie A. Petre

Date

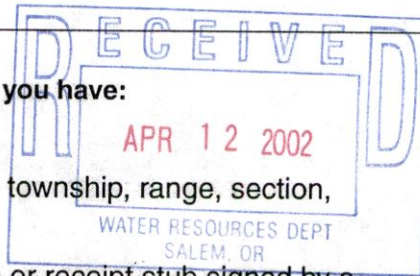
April 8, 2002

Signature of Co-applicant

Date

Before you submit your application be sure you have:

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





Oregon Water Resources Department

FORM Q
FOR COMMERCIAL AND INDUSTRIAL WATER USES

1. Describe the goods and services you plan to provide:

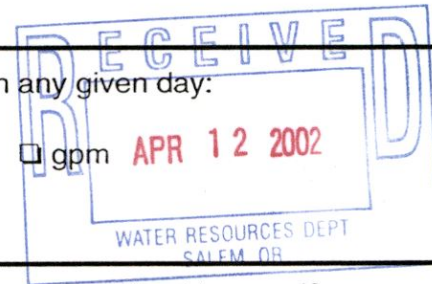
Supplement & Replace evaporated rainwater for the use & storage of water for the purpose of extinguishing fires or reducing the potential outbreak of fires in the Band Urban Interface Area as outlined by the state forestry dept.

2. How will the water be used?

Reservoir storing less than 9.2 acre feet with a dam less than 10 feet for the purpose of extinguishing fires or reducing the potential outbreak of fires.

3. What is the maximum amount of water that will be used on any given day:

As needed for fire protection [] cfs [] gpm



4. Are there periods of the day, week, month, or year that the water will not be used? (e.g. no use December-March)

[] No [] Yes If so, when? As needed for fire protection

5. Is there a particular time or period of day, week, month, or year when the use of water is absolutely essential for the project to continue? (e.g. vegetable processing, Oct. 15-Nov. 15)

[] No [] Yes If so, when? As needed for fire protection

6. Are there periods of the day week, month, or year where the amount of water used will be less than at peak times?

[] No [X] Yes If so, when? Winter & Spring months

Last revision: April 9, 1996

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- STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

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

WELL ID. # L 49459
START CARD # 147437

(1) LAND OWNER Craig Petric Well Number _____
Name Craig Petric
Address 125008 SW Canusback Way
City Beaverton State Or. Zip 97008

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

HOLE		SEAL		Sacks or pounds	
Diameter	From To	Material	From To		
17	0 22 1/2	Bentonite	0 22 1/2	17	sacks
8	22 1/2 600				

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

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 8	7 1/2	18 1/2	2.50	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 6	-10	600	1.88	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of shoe(s) 2' at 22 1/2 6" at 600

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

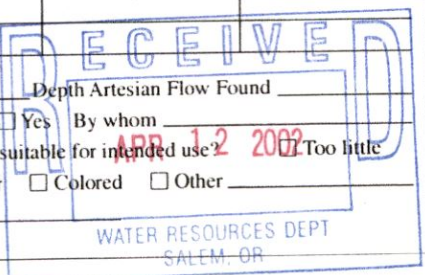
From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
570	590	1/16	228	6		<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
25+	0	595	1 hr

Pump Bailer Air Artesian
Flowing

Temperature of water 45 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 Desch. Latitude _____ Longitude _____
Township 17 N or S Range 11 E or W. WM.
Section 23 NW 1/4 NE 1/4
Tax Lot 100 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Johnson Rd Bend, Or.

(10) STATIC WATER LEVEL:
460 ft. below land surface. Date 11-26-01
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 520

From	To	Estimated Flow Rate	SWL
520	586	25+	460

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Red cinders	0	18	
Brown sand stone	18	29	
Red cinder congl.	29	114	
Brown sand stone	114	132	
Red cinders	132	198	
Lava	198	237	
Lava Brecken	237	254	
Lava	254	292	
Red cinders	292	317	
Brown sand stone	317	354	
Basalt	354	378	
Brown sand stone	378	385	
Lava	385	504	460
Brown sand stone	504	520	
W.B. Cinder & Lava	520	586	
Basalt	586	600	

Date started 11-21-01 Completed 11-26-01

(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 1276 Date 11-26-01

(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 1255 Date 11-26-01

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99-57033.2

LEGAL DESCRIPTION

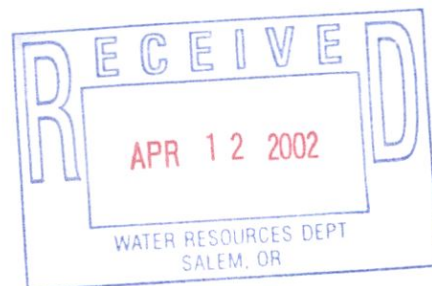
A tract of land located in the Northwest One Quarter of the Northeast One Quarter (NW $\frac{1}{4}$ NE $\frac{1}{4}$) and in the Northeast One Quarter of the Northeast One Quarter (NE $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 23, TOWNSHIP 17 SOUTH, RANGE 11 EAST OF THE WILLAMETTE MERIDIAN, Deschutes County, Oregon, being more particularly described as follows:

The Northwest One Quarter of the Northeast One Quarter of Section 23, TOWNSHIP 17 SOUTH, RANGE 11 EAST OF THE WILLAMETTE MERIDIAN, Deschutes County, Oregon.

EXCEPTING THEREFROM that portion that lies within the boundaries of "The Farm" subdivision, Official Plat No. 271, Deschutes County, Oregon.

ALSO EXCEPTING THEREFROM the following described parcel; Beginning at the East one sixteenth corner common to Sections 14 and 23, TOWNSHIP 17 SOUTH, RANGE 11 EAST OF THE WILLAMETTE MERIDIAN, thence along the section line common to said Section 14 and 23, North 89° 46' 19" West, 611.36 feet; thence leaving said section line, South 46° 02' 42" East, 167.59 feet; thence South 84° 20' 23" East, 47.00 feet; thence South 04° 49' 11" East, 91.86 feet; thence South 30° 02' 25" East, 116.47 feet; thence South 66° 58' 11" East, 124.22 feet; thence North 89° 16' 57" East, 104.07 feet; thence South 60° 37' 43" East, 181.29 feet to the Easterly line of said Northwest One Quarter of the Northeast One Quarter (NW $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 23; thence along said Easterly line, North 00° 11' 55" East, 447.10 feet to the Point of Beginning.

TOGETHER WITH the following described parcel; Commencing at the East one sixteenth corner common to said Section 14 and 23; thence along the Easterly line of the Northwest One Quarter of the Northeast One Quarter (NW $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 23, South 00° 11' 55" West, 447.10 feet to the TRUE POINT OF BEGINNING. Thence South 60° 37' 43" East, 30.03 feet; thence South 65° 50' 34" East, 156.99 feet to the Westerly boundary of "The Farm" subdivision; thence along said Westerly boundary and along the arc of a 280.00 foot radius curve to the right, 134.55 feet, the chord of which bears South 53° 47' 18" West, 133.26 feet; thence South 67° 46' 35" West, 67.50 feet to said Easterly line of the Northwest One Quarter of the Northeast One Quarter (NW $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 23; thence leaving said Westerly line of "The Farm", and along said Easterly line of the Northwest One Quarter of the Northeast One Quarter (NW $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 23, North 00° 11' 55" East, 182.50 feet to the POINT OF BEGINNING.



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SECTION 23 T.17S. R.11E. W.M.
DESCHUTES COUNTY

17 11 23

Subject Property:
TL 100
MAP 17 11 23
Deschutes County Oregon



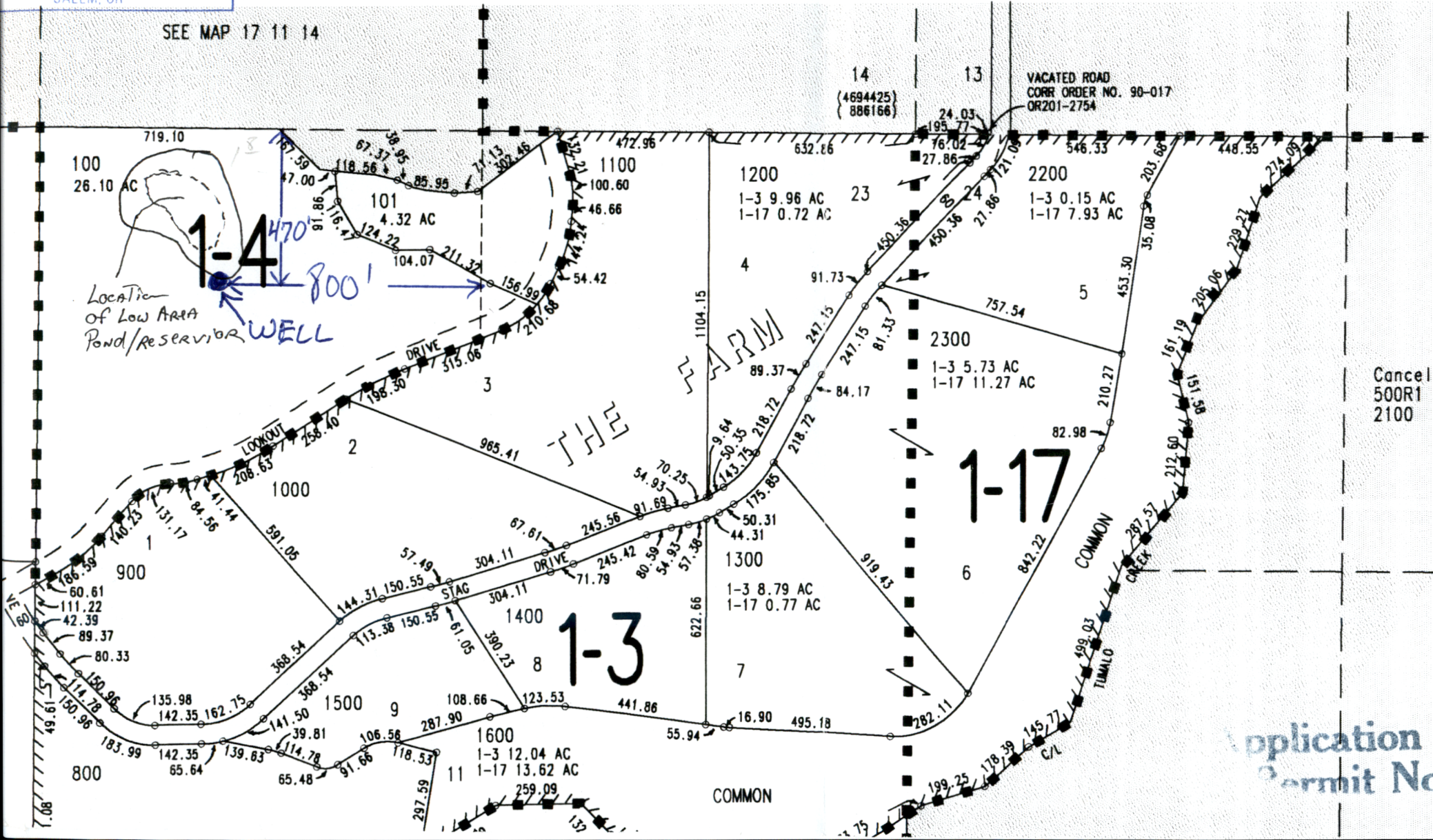
APR 12 2002

1" = 400'

Deschutes River Basin

WATER RESOURCES DEPT
SALEM, OR

SEE MAP 17 11 14



Cancelled No.s
500R1
2100

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