Application for a Permit to Use Ground Water



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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

NAME				PHONE (HM)
			<u>* 10 30</u>	
PHONE (WK)	CE	LL 🗠	and a second	FAX
ADDRESS				
СПУ	STATE	ZIP	E-MAIL	

Organization Information

NAME			PHONE	FAX
WILLAMETTE EGG FARMS ATTN: GORDO	N SATRUN	1	(503) 651-0000	(503) 651-2095
ADDRESS				CELL
31348 SOUTH HIGHWAY 170				(971) 219-5191
CITY	STATE	ZIP	E-MAIL	
CANBY	OR	97013	GSATRUM@WILLAMETTE-E	GG.COM

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

AGENT / BUSINESS NAME	PHONE	FAX		
STEVEN R. BRUCE/SKOOKUM WATER ASSOCIA	ATES INC.	(503) 319-8926		
ADDRESS				CELL
P.O. Box 80174				
СПТҮ	STATE	ZIP	E-MAIL	
PORTLAND	OR	97280	STEVE@SKOOKUMWATER.C	ОМ

Note: Attach multiple copies as needed

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.

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

Applicant Signature

Gerdon Satalim 4-18-11 Print Name and title if applicable Date

Applicant Signature

Print Name and title if applicable

Date

	For Department Use	
App. No. <u>G-17461</u>	Permit No.	Date

SECTION 2: PROPERTY OWNERSHIP

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

🛛 Yes

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

🗌 No

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

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

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SECTION 3: WELL DEVELOPMENT

	IF LESS T	THAN 1 MILE:
NAME OF NEAREST SURFACE WATER	DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
Unnamed Stream	870 ft	25 ft
Unnamed Stream	860 ft	15 ft
Unnamed Stream	1,550 ft	25 ft
	SURFACE WATER Unnamed Stream Unnamed Stream	NAME OF NEAREST SURFACE WATERDISTANCE TO NEAREST SURFACE WATERUnnamed Stream870 ftUnnamed Stream860 ft

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials *(attach additional sheets if necessary)*. Well 1 is CLAC 2430 and Well 2 is CLAC 2431. Well 3 is a proposed well.

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Unconsolidated Quaternary Sediments according to DHS sanitary survey.

Total maximum rate requested: 250 gpm for up to 100,000 gallons/day from any combination of three wells (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

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

										PROPOSED USE			
OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	SOURCE AQUIFER*** WELL SPECIFIC VOLU		ANNUAL VOLUME (ACRE-FEET)	
1		\boxtimes	CLAC 2430		10 inch	Csg to 164 and liner 147 to 295	166 to 289	0 to 18	80 9/2/1986	Deep sand & gravel	295		
2		\boxtimes	CLAC 2431		8 inch	0 to 170	None reported	0 to 20	97 9/7/1974	Deep sand & gravel	180		
3	\boxtimes				10 inch	0 to 260	150 to 260	0 to 150	NA	Deep sand & gravel	265		

Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for * existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well. **

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Commercial/Industrial	Year-Round	115
Land Application (Primary Irrigation)	March 1 to October 31	115 - The above volume of water is land applied after use (see Section 9 Remarks)

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

For irrigation use only:

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

Primary: <u>102.8</u> Acres Supplemental: <u>0</u> Acres

List the Permit or Certificate number of the underlying primary water right(s): Certificates 42788 and 44577 - See

Section 5 and Section 9 Remarks

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: <u>115</u>

• If the use is municipal or quasi-municipal, attach Form M

If the use is **domestic**, indicate the number of households: <u>NA</u>

If the use is **mining**, describe what is being mined and the method(s) of extraction: <u>NA</u>

SECTION 5: WATER MANAGEMENT

A.	Diversion and Conveyance				
	What equipment will you use to pump water from your well(s)?				

☑ Pump (give horsepower and type): 10 and 20 hp submersible pumps_____

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Other means (describe):

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. <u>Water will be pumped from the wells to egg washing/processing facilities and general site cleanup</u>. The used water will be collected and pumped to a lagoon for temporary storage. (Although the lagoon functions as a bulge in the system, a separate storage application is being filed with the WRD with this application). The water in the lagoon will be seasonally land applied (irrigation) under an Oregon Department of Environmental Quality (DEQ) Water Pollution Control Facility (WPCF) permit. The water is conveyed using 3, 4 and 6- inch-diameter buried mainlines.

The primary irrigation being requested will be for the land application process. The primary irrigation water rights under Certificates 42788 and 44577 could be diminished to supplemental rights if this permit application is approved.

B. Application Method

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

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Nozzles, sprinklers and water baths will be used in the egg washing/processing. Wheel lines, guns and hand lines will be used for the irrigation.

C. Conservation

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

The diverted water will be used for egg washing/processing and general site cleanup and then forwarded to a lagoon (reservoir) for temporary storage before being seasonally land applied for irrigation under a DEQ WPCF permit. The reuse of the process water for irrigation is efficient and conserves water. The DEQ permit has conditions to limit the potential for runoff to enter surface waters.

SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

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

Reservoir name: <u>WEF Storage Lagoon</u> Acreage inundated by reservoir: <u>5 acres</u>

Use(s): Temporary storage for water to be land applied under the supplemental irrigation use.

Volume of Reservoir (acre-feet): <u>39 (will be refilled by used process water to maximum of 115 AF/year)</u> Dam height (feet, if excavated, write "zero"): <u>14.0</u>

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

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

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

Annual volume (acre-feet): <u>115.0</u>

USE OF STORED GROUND WATER	PERIOD OF USE
Land Application (Primary Irrigation)	March 1 to October 31

SECTION 8: PROJECT SCHEDULE

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Date construction will begin: As soon as permit is issued

Date construction will be completed: October 1, 2016

Date beneficial water use will begin: October 1, 2017

SECTION 9: REMARKS

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

The applicant attended a pre-application conference on September 14, 2010 with Jerry Sauter and Kelly Starnes of the WRD.

<u>A WRD storage application for the lagoon used to store the wastewater from the egg washing/processing is being concurrently filed with this application.</u>

The use of water from Wells 1 and 2 has been approved by the Oregon Health Division for the egg washing/processing uses and there is a WPCF permit from DEQ for the land application (irrigation) of the wastewater.

Although there will be a total of 102.8 acres where the water can be land applied, this source will only provide a portion of the irrigation water needed for the site (a maximum of 115 AF instead of the 257 AF that could be used at 2.5 AF/acre). The balance of the irrigation water would be obtained from Certificates 42788 and 44577. A transfer of these rights to update the place of use is planned after this application has been processed.

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Revised 3/4/2010 Gr-(746)

Ground Water/8

<u>Land Use</u> <u>Information Form</u>



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NOTE TO APPLICANTS

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

This form is NOT required if:

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

NOTE TO LOCAL GOVERNMENTS

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

<u>Land Use</u> <u>Information Form</u>



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Applicant: <u>Willamette Egg Farms</u> A First	atrum	Last	
Mailing Address: <u>31348 South Highw</u>	ay 170		·
City	OR	<u>97013</u>	Daytime Phone:

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	1/4 1/4	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:		Proposed Land Use:
5 S	1 E	9	NENE	300	EFY	Diverted	Conveyed 🛛	🛛 Used	No Change
5 S	1 E	9	SE NE	300, 301	EFU	Diverted	Conveyed	🛛 Used	
5 S	1 E	10	NWNW	900	EFU	Diverted	Conveyed	🛛 Used	
5 S	1 E	10	SWNW	900, 1100	EFU	Diverted	Conveyed	🛛 Used	
5 S	1 E	10	SENW	900, 1100, 1200	EFU	Diverted	Conveyed	🛛 Used	"

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

Clackamas County

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department: Image: Allocation of Conserved Water
Source of water: Reservoir/Pond Ground Water
Estimated quantity of water needed: <u>115</u>
Intended use of water: Irrigation Commercial Industrial Domestic for household(s) Municipal Quasi-Municipal Instream Other
Briefly describe:
Water will be used to wash and process eggs and conduct general equipment and site cleanup. The wastewater will be discharged into a lagoon (reservoir) and then seasonally land applied for irrigation. The facility has an Oregon Department of Environmental Quality Water Pollution Control Facility (WPCF) permit for the land application.
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Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources
Department. See bottom of Page 3. \rightarrow

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For Local Government Use Only

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

Please check the appropriate box below and provide the requested information

- \Box Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): 40/40
- □ Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) If approvals have been obtained but all appeal periods have not ended, check "Being pursued."

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		Denied	 Being Pursued Not Being Pursued
		Denied	 Being Pursued Not Being Pursued
		Dobtained Denied	 Being Pursued Not Being Pursued
		Denied	 Being Pursued Not Being Pursued
		Denied	 Being Pursued Not Being Pursued

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

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Name: Lire	ha Preisz		× Planapue	
Signature:	enda hu	The:	537424528	Date: 4-18-11
Government Entity:	Clarke	Title: 5	Land Une + 2	mina
you sign the receipt	, you will have 30 days rm or WRD may presu is.	e: Please complete this form or s from the Water Resources Dep me the land use associated with	partment's notice date to re	turn the completed Land
		for Request for Land L	Jse Information	
Applicant name:				
City or County:		St	aff contact:	
Signature:		Phone:	Da	te:
Revised 3/4/2010	G-17461	Ground Water/11		WR

Order No.: 429514

LEGAL DESCRIPTION

PARCEL I:

A tract of land situated in the Northeast one quarter of Section 9, Township 5 South, Range I East of the Willamette Meridian, in the County of Clackamas, and State of Oregon, more particularly described as follows:

Beginning at the quarter section corner between Sections 9 and 10; thence West along the quarter section line, 53.0 rods; thence North 120.0 rods; thence East 45-4/33 rods; thence South 50.0 feet; thence East 130.0 feet to the section line; thence South along the section line, 117-1/11 rods to the point of beginning;

EXCEPTING THEREFROM the following parcel:

Beginning at the quarter section corner between Sections 9 and 10; thence West along the quarter section line, 174.46 feet; thence North parallel with the East line of the Northeast quarter, 363.83 feet; thence East parallel with the quarter section line, 174.46 feet; thence South along the Section lin, 363.83 feet to the point of beginning;

AND FURTHER EXCEPTING that portion lying within public roads;

ALSO EXCEPTING THEREFROM the following described tract:

Beginning at the quarter section corner between Sections 9 and 10; thence North along the East line of said Northeast one quarter, 120 rods to the Southeast corner of that tract conveyed to Smyna Congregational Church by deed recorded June 20, 1893, in Book 52, Page 253; thence West along the South line of said Smyna tract, 130 feet to the Southwest corner thereof and the true point of beginning of the tract to be described; thence continuing West along the Westerly extension of said South line, 315.50 feet, more or less, to a point 50 feet South of the Southwest corner of a tract owned by Smyna Congregational Church; thence North, parallel with the WEst line of said Smyna tract, 50 feet to the Southwest corner of a tract owned by Smyna Congregational Church; thence East, along the South line of the last-mentioned Smyna tract, 315.50 feet, more or less, to the Northwest corner of the first-mentioned Smyna tract; thence South along the West line thereof, 50 feet to the true point of beginning

(assessor's no. 51E09 00300 and 00301)

PARCEL II:

[A.] The South 16 acres of the North one half of the Northwest one quarter of the Northwest one quarter of Section 10, Township 5 South, Range 1 East of the Willamette Meridian, in the County of Clackamas and State of Oregon.

[B.] The South one half of the Northwest one quarter of the Northwest one quarter of Section 10, Township 5 South, Range 1 East, Willamette Meridian, in the Countyu of Clackamas and State of Oregon.

[C.] A tract of land in the Southwest one quarter of the Northwest one quarter of Section 10, Township 5

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LEGAL DESCRIPTION (Continued)

South, Range 1 East, Willamette Meridian, in the County of Clackamas and State of Oregon, described as follows:

Beginning at the Northwest corner of the Southwest one quarter of the Northwest one quarter of Section 10, Township 5 South, Range 1 East of the Willamette Meridian in the County of Clackamas and State of Oregon; thence East 75.00 rods; thence South 37.50 rods; thence West 75.00 rods to the section line between Sections 9 and 10; thence North 37.50 rods to the place of beginning.

[D.] Part of the Southwest one quarter of the Northwest one quarter of Section 10, Township 5 South, Range 1 East of the Willamette Meridian, in the County of Clackamas and State of Oregon, described as follows:

Beginning at a point 37.5 rods South of the Northwest corner of the Southwest one quarter of the Northwest one quarter of Section 10, Township 5 South, Range 1 East, Willamette Meridian; thence East 75 rods; thence South about 42 rods to the centerline of Market Road No. 32; thence West along the center line of Market Road No. 32 to the section line between Sections 9 and 10, Township 5 South, Range 1 East, Willamette Meridian; thence North to the place of beginning.

[E.] The North 500 feet of the Fosmark property recorded in Book 540, Page 638, Deed Records, being more particularly described as follows:

Beginning at the Northeast corner of the South one half of the Northwest one quarter of Section 10, Township 5 South, Range 1 East of the Willamette Meridian; thence Westerly on the North line of the South one half of the Northwest one quarter of Section 10, 701.25 feet to the true point of beginning of the tract to be described; thence continuing Westerly on the North line of the South one half of the Northwest one quarter of Section 10, 701.25 feet to a point that is 1402.50 feet West of the division line between the East and West one- halves of Section 10; thence Easterly parallel with the North line of the South one half of the North line of the South one half of the North line of the South one half of the North line of the South one half of the North line of the South one half of the North line of the South one half of the North line of the South one half of the North line of the South one half of the North line of the South one half of the North line of the South one half of the North line of the South one half of the North line of the South one half of the North line of the South one half of the North line of the South one half of the North line of the South one half of the Northwest one quarter of Section 10, 701.25 feet to a point on the West line of that tract described in deed recorded in Book 241, Page 130, Deed Records; thence North 500.00 feet to the point of beginning.

(assessor's no. 51E10 00900)

PARCEL III:

That portion of Section 11, Township 5 South, Range 1 East of the Willamette Meridian, in the County of Clackamas and State of Oregon, described as follows:

Beginning at the Northeast corner of the principal tract described in deed to Nels Sanden and Lilybelle Sanden, recorded October 26, 1954, in Book 487, Page 645, at a point on the center of Market Road No. 32; thence South along the East line of said principal tract, a distance of 748.85 feet to a point; thence West parallel with the South line of Section 11, a distance of 974.25 feet; thence North parallel with the East line

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http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator/Permit_Appropriate_Groundwater.aspx

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Water Resources Department

Apply for a Permit to Appropriate Ground Water and/or Store Ground Water

Today's Date: Tuesday, April 19, 2011

Base Application Fee for use of Ground, Surface and optionally Stored Water.		\$1,000.00
Number of proposed cubic feet per second (cfs) to be appropriated. (1 cfs = 448.83 gallons per minute)	1	\$250.00
Number of proposed Use's for the appropriated water. (i.e. Irrigation, Supplemental Irrigation, Pond Maintenance, Industrial, Commercial, etc) *	3	\$500.00
Number of proposed Ground Water points of appropriation. (i.e. number of wells) (include all injection wells, if applicable) **	3	\$500.00
Number of Acre Feet to be stored in a reservoir/pond from Ground Water.	115	\$595.00
Number of Acre Feet to be appropriated from reservoir/pond (Only Applies to reservoir/pond constructed under Ground Water Application)	115	\$595.00
Number of reservoirs.	1	
Permit Recording Fee. ***		\$400.00
* the 1st Water Use is included in the base cost. ** the 1st Ground Water point of appropriation is included in the base cost. *** the Permit Recording Fee is not required when the application is submitted but, must be paid before a permit will be issued. It is fully refundable if a permit is not issued. If the recording fee is not paid prior to issuance of the Final Order, permit issuance will be delayed.	Recalculate	
Estimated cost of Permit Application		\$3,840.00
Return to Fee Calculator Options page		460



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8400 SCHNEIDER RD, CANBY OR 97013

Fee Calculator Version B20090701

OWRD Fee Schedule