



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem Oregon 97301-1271
 (503) 986-0900
 www.wrd.state.or.us

Application for a Permit to Use Surface 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. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/OWRD/PUBS/forms.shtml.

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1. APPLICANT INFORMATION

A. Individuals

N/A

Applicant: _____
First Last

Mailing address: _____

City State Zip

Phone: _____
Home Work Other

*Fax: _____ *E-Mail address: _____

B. Organizations

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

Name of organization: PORT OF TILLAMOOK BAY

Name and title of person applying: JACK CRIDER, DIRECTOR

Mailing address of organization: 4000 BLIMP BLVD.

TILLAMOOK OR 97141
City State Zip

Phone: 503-842-2413 N/A
Day Evening

*Fax: 503-842-3680 *E-Mail address: jcrider@portb.org

* Optional information

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For Department Use		
App. No. <u>S-86379</u>	Permit No. _____	Date _____

2. SOURCE AND PROPERTY OWNERSHIP

A. The Proposed Source of Water

Provide the commonly used name of the water body from which water will be diverted, and the name of the stream or lake it flows into. If unnamed, say so:

Not Diverted, per SM, BUT STORED IN RESERVOIR

SUPPLEMENTAL Source 1: TRASK RIVER Tributary to: TILLAMOOK BAY
Source 2: UNNAMED STREAMS Tributary to: RACCOON CREEK, TRIB. TO ~~TILLAMOOK~~ TILL. RIVER
Source 3: POTB RESERVOIR (NEW) Tributary to: RACCOON CREEK
Source 4: _____ Tributary to: _____

B. Property Ownership

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

- Yes (Skip to section 3 "Water Use.")
- 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.
 - 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 irrigated and/or domestic use only (ORS 274.040).

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You must provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map.

List the names and mailing addresses of all affected landowners.

3. WATER USE

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

A. Type(s) of Use(s)

See list of beneficial uses provided in the instructions.

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

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B. Amount of Water

Provide the amount of water you propose to use from each source, for each use, in cubic feet-per-second (cfs) or gallons-per-minute (gpm). If the proposed use is from storage, provide the amount in acre-feet (af):

(1 cfs equals 448.8 gpm. 1 acre-foot equals 325,851 gallons or 43,560 cubic feet)

Source	Type of use	Amount
TRASK RIVER	DIVERTED TO FILL RESERVOIR FOR MUNICIPAL USE	2 <input checked="" type="checkbox"/> cfs <input type="checkbox"/> gpm <input type="checkbox"/> af
		<input type="checkbox"/> cfs <input type="checkbox"/> gpm <input type="checkbox"/> af
PORT OF TILLAMOOK BAY RESERVOIR	USE OF STORED WATER FOR MUNICIPAL PURPOSES	360 <input type="checkbox"/> cfs <input type="checkbox"/> gpm <input checked="" type="checkbox"/> af
		<input type="checkbox"/> cfs <input type="checkbox"/> gpm <input type="checkbox"/> af

SUPPLEMENTAL RIGHT →

** GEO-TECH ENGINEER WILL GIVE FINAL DESIGN, AND AT THIS TIME, THIS IS AN ESTIMATE OF TOTAL RESERVOIR CAPACITY.

C. Period of Use *

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

* DIVERSION FROM TRASK DEC. THRU APRIL, AND JUNE *

D. Acreage

If you will be applying water to land, indicate the total number of acres where water will be applied or used: MUNICIPAL USE WOULD ALLOW FOR THIS TYPE OF APPLICATION ANYWHERE WITHIN PORT BOUNDARY - SEE MAP.
(This number should be consistent with your application map.)

4. WATER MANAGEMENT

A. Diversion

What method will you use to divert water from the source?

- Pump (give horsepower and pump type): DESIGN WILL DETERMINE - APPROXIMATING 20 HP ELECTRIC WITH POTENTIAL BOOSTER PUMPS TO RESERVOIR.
- Head-gate (give dimensions): _____
- Other means (describe): _____

B. Monitoring

How will you monitor your diversion to be sure you are within the limits of your water right (allowed rate and duty) and you are not wasting water?

- Weir
- Meter
- Periodic Sampling
- Other means (describe): _____

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C. Transport

How will you transport water to your place of use?

Ditch or canal (give average width and depth):

Width _____ Depth _____

Is the ditch or canal to be lined? Yes No

Pipe (give diameter and total length):

Diameter ESTIMATE 6", BUT TOTAL MUNICIPAL DESIGN WILL DICTATE THIS.
Length ESTIMATING 2 MILES

Other (describe) THE MUNICIPALITY WILL EMPLOY ENGINEERING DESIGN FIRM FOR ROUTING & SIZING & PUMP CHARACTERISTICS.

D. Application/Distribution Method

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

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

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Other, describe THE MUNICIPAL NATURE OF THIS USE HAS THE POTENTIAL FOR MANY DIFFERENT METHODS OF APPLICATION, DEPENDING ON PARTICULAR AREA OF PORT PROPERTY.

Distribution method

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

E. Conservation

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

EVERY VIABLE CONSERVATION METHOD WILL BE UTILIZED. IE; RESIDENTIAL UNITS WILL EMPLOY LOW FLOW SHOWERHEADS; LANDSCAPING WILL UTILIZE DRIP IRRIGATION WHEREVER PRACTICAL; GOLF COURSE DESIGN WILL INCORPORATE MOST CURRENT SPRINKLING DESIGNS AND APPLICATION METHODS, SUCH AS NIGHT WATERING, ETC.

5. RESOURCE PROTECTION

A. Protection Practices

In granting permission to use water from a stream or lake, the state encourages, and in some instances requires, careful control of activities that may affect the waterway or streamside area. See instruction guide for a list of possible permit requirements from other agencies. Please indicate any of the practices you plan to undertake to protect water resources.

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Diversion will be screened to prevent uptake of fish and other aquatic life.

Describe planned actions: NO FISH WILL BE PLANTED IN RESERVOIR.

ODEW APPROVED SCREEN AT INTAKE (TRASK R.) WILL BE USED.

Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas. Describe planned actions: REVEGETATION OF DISTURBED AREA BY

USING LOW-GROWING SHRUBS.

RIPARIAN AREA WILL FOLLOW ODFW + USDA GUIDELINES.

Operating equipment in a water body will be managed and timed to prevent damage to aquatic life. Describe: SCREENING AT INTAKE WILL MITIGATE THIS.

ANY RESERVOIR WATER FEATURES WILL BE SCREENED ALSO.

Water quality will be protected by preventing erosion and run-off of waste or chemical products. Describe: _____

NO CHEMICALS WILL BE USED.

Other: FOLLOW ALL STANDARDS OUTLINED IN JOINT PERMIT

APPLICATION FROM DSL AND ARMY CORPS OF ENGINEERS.

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6. PROJECT SCHEDULE

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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: THE DAY AFTER ENGINEERING OF RESERVOIR IS APPROVED.

Proposed date construction will be completed: OCT. 2006 OR SOONER.

Proposed date beneficial water use will begin: DEC. 2006, AND AFTER OWRD WRITTEN APPROVAL TO STORE WATER.

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.

(2 B) PORT HAS PREVIOUSLY SUBMITTED OWNERSHIP INFO, AND THIS SHOULD NOT BE AN ISSUE AT THIS TIME.

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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 points of diversion 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:

DIRECTOR

7/5/05

Signature of Applicant (If more than one applicant, all must sign.)

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. The Department's fee schedule can be found at www.wrd.state.or.us or call (503) 986-0900.

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WRD on the web:
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FORM M

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FOR MUNICIPAL AND QUASI MUNICIPAL WATER SUPPLIES

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Unless otherwise noted, water use information should be in acre-feet per year (AFY).
1 acre-foot is equal to 325,851 gallons.

Background Information

Name of water supplier: PORT OF TILLAMOOK BAY (NAME NOT ESTABLISHED FOR THE PORT SUPPLY AS OF THIS WRITING)

Name and size of area to be served: PORT OF TILLAMOOK BAY
(in square miles) 2.71 SQ. MILES

Present population of service area: NON-RESIDENTIAL CURRENTLY, IRRIGATION FOR AGRICULTURE,
(Contact county planning staff, if needed.) PLUS INDUSTRIAL USES PRESENTLY.

Projected population in 20 years: TO BE DETERMINED IN FUTURE DESIGN(S)
(Cite source and year. For example: "20,595 Based upon 1995 Portland State University projections.")

List present water rights and permits held:

Date of Issuance:	Natural Source of Water:	Amount Permitted:	Utilization:
<u>5-28-1969</u> PRIORITY DATE	<u>(WELL) PERMIT # G-4612</u>	<u>0.33 CFS</u>	<u>IRRIGATION</u>

* PRESENTLY UNDERGOING A TRANSFER TO MUNICIPAL USE, & NEW POINT(S) OF APPROPRIATION BEING ADDED.

Water Use

Average yearly demand: _____ AFY Year: _____

Per-capita daily consumption (in gallons): _____
(Divide average annual water sales by population to arrive at consumption, then divide by 365 to get daily values.)

Peak season (by month/day): _____ to _____ Total peak season demand: _____ Acre-feet

Peak season per-capita daily consumption: _____
(Divide total peak season demand by population and the number of days during the peak.)

Annual amount of water:
produced: _____
(diverted or pumped)
delivered: _____

Is your system fully metered? Yes No

Describe your rate structure: _____
(e.g. flat rate, increasing or decreasing block rate or combination of different systems)

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Request for Water

A. Discuss the reason(s) for your request for additional water

(e.g. loss of current supply, peak demand, growth, or other): TILLAMOOK CITY WATER

COMMISSION HAS EXPRESSED TO (POTB) THAT THEY WILL LIKELY NOT HAVE THE CAPACITY TO MEET THE PORT'S INCREASED FUTURE DEMANDS, ESPECIALLY IN LIGHT OF THE PROPOSED RESORT ON PORT PROPERTY,

B. How long is the amount of water requested in this application expected to meet future needs?

(e.g. until the year 2040) FULL DESIGN OF SYSTEM WILL BE GEARED TOWARD ANTICIPATED NEEDS FOR THE NEXT 30 YEARS, WITH POSSIBILITIES FOR FUTURE EXPANSION.

C. Briefly discuss operation of water system and the most constraining component of the system:

THIS MUNICIPAL SYSTEM WILL SUPPLY ALL OF THE PORT PROPERTY WITH IT'S NON-POTABLE NEEDS. OTHER GROUNDWATER RIGHTS, CURRENTLY IN APPLICATION PROCESS, WILL SUPPLY THE DOMESTIC SIDE. THE MOST CONSTRAINING COMPONENT WILL NOT BE PHYSICAL, BUT MOST LIKELY ENVIRONMENTAL + OTHER.

D. Percentage of water use by type:

Residential: SEE BELOW

Commercial: _____

Public Authority: _____

Agricultural: _____

Unaccounted for use: _____

Industrial: _____

Other (specify use): END DESIGN WILL DICTATE THESE PERCENTAGES. PORT IS JUST NOW BECOMING A MUNICIPAL WATER SUPPLIER. ALL ASPECTS ARE IN DESIGN PHASE.

E. List cost to implement proposed request.

Compare cost and benefits with other water supply, or combination of supply options. This should include water efficiency measures such as replacing current showerheads with low-flow types. (Attach documentation, as available.)

COST & BENEFITS OF UTILIZING AVAILABLE SUPPLY (SEE "A"), DO NOT PAN OUT. LOW-FLOW DEVICES AND OTHER MEANS OF CONSERVING THE RESOURCE, ARE BEING GIVEN UTMOST PRIORITY IN THIS NEW MUNICIPAL WATER SUPPLY SYSTEM.

F. How and by how much will your proposed water use efficiency programs increase efficiency?

(Express as a percentage of per-capita consumption.)

WITH NO IN-PLACE SYSTEM PRESENTLY, THERE IS NO CURRENT DATA WITH WHICH ONE CAN CREATE PERCENTAGES.

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Last revision: April 9, 1996

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Attachment to form M Regarding Water Use section, from page 1

This section has been left blank intentionally, for the following reasons:

The Port of Tillamook Bay has just recently filed for a transfer of their existing water right (noted in background information) from irrigation use to "Municipal" use.

The Port is intending to construct a complete Municipal system based on the utilization of multiple point sources. The Tillamook Water Commission that currently supplies the Port property with domestic water, has notified the Port that they will be unable to increase their supply to the Port property for their projected increases in water usage. Business use at the Port Property is increasing, and a hotel, convention center, golf course, and condominium project has just been green lighted. It is also not economically, nor environmentally, feasible to use potable domestic water for irrigation of golf course greens, tees, and fairways. This non-potable source may also be utilized for landscaping needs at the hotel/convention center, condominium properties, and other areas of the Port property requiring that type of irrigation. Chemical treatment of this irrigation water would not be necessary, which is an environmental plus.

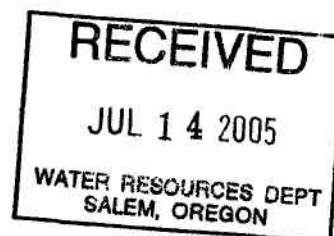
Until the absolute final development plans are on the board, and the geo-tech engineer has developed final, approved plans for a new dam/reservoir project, it is difficult at best to estimate the Average yearly demand, per capita daily consumption, etc.

If it is needed for the purposes of this application, to supply the existing water consumption on the Port property, it is "plausible" that the Tillamook City Water Commission could be asked for that data. Please do not deny the application for this piece of information. The person currently in charge of reviewing these applications has been on leave or vacation for an extended period, and we were unable to accurately determine what might be needed for this section. This is a high priority project, and the need to submit this permit application NOW, is imperative.

Again, until the engineering is completed, and the new municipal water system is analyzed in full, a number of the questions asked on Form M needed to be "approximated" or explained. It appears that this Form was designed more for an existing municipality that needs to expand their current operation for one, or a variety, of reasons.

Thank you,

Craig Woolcott,
Agent for POTB, water right applications



**COPY**

July 27, 2005

Dwight French, Manager
Water Rights Section
Water Rights/Adjud. Division
725 Summer St. NE, Suite A
Salem, Oregon 97301-1271

Subject: Port of Tillamook Bay

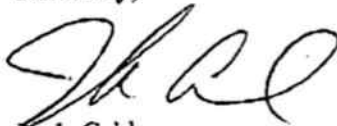
Dear Mr. French,

The Port of Tillamook Bay would like to thank you for your help in bringing all the parties to the table and working through the permits necessary to meet our timelines. Your staff's extra efforts could mean the difference between creating 120 new jobs in Tillamook County or not.

I understand through our recent discuss and e-mail that the Water Resources Commission (WRC) will need to review our application to store water and the next opportunity is October 27-28. As your aware, the only way we can get funding commitment is to assure the lender that all remaining approvals are technical requirements and the Project can move ahead as planned. The timelines discussed during our meeting indicated the issuance of the permit during the last week of October. Waiting until that time before we receive WRC review would leave no time to address any possible changes requested by the WRC and would jeopardize the Project. If the project timelines are pushed into November and December we will loose the weather window and the lender will not hold the funding commitment until next spring.

The Port would greatly appreciate it if the Water Resources Commission could meet in a special meeting next month to review our application. The Project is a \$100 million investment in Tillamook County's future and we don't want to miss this opportunity. Please let me know as soon as possible if the WRC is willing to meet so I can inform all the parties involved. Thanks again for your help.

Sincerely,



Jack Crider
General Manager