

Oregon Water Resources Department

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FOR MUNICIPAL AND QUASI-MUNICIPAL WATER SUPPLIES

[Information needed to make findings related to ORS 537.153(3)(c)]

- Please supply the required information in the spaces provided below.
- Do not attach reference documents. If there is a need, the Department will request them.
- Your signature is certification that identified information is contained in the reference document(s).
- If adequate space is not available on this form to describe and justify your request for additional water, attach additional pages as necessary.

Water Supplier Information

Please provide the following information related to the water supplier requesting additional water. It should be noted that the name of a water supplier is often different than the service area (e.g., *City of ABC and XYZ Urban Growth Boundary*).

Cities are not the only municipal corporation; many kinds of special districts are also allowed to purvey water. Applications requesting to use water for Quasi-Municipal use may be submitted by entities including, but not limited to, the following types of governance: a water association; private water company; or (if under the articles of incorporation) a broader corporation such as a destination resort. Please attach a copy of the article of incorporation related to your distribution of water.

Name of Water Supplier/Entity	Name of Service Area	Governance	Contact Person
Falcon-Cove Beach Domestic Water Supply District	Same	Water District	Charles A. Dice
List any water suppliers within the same service area and/or any self-supplied industrial user. (Attach an extra sheet, if necessary.)			
None			

Request for Additional Water

Briefly explain the reason(s) for your request for additional water (e.g. *loss of current supply, backup, emergency supply, peak demand, growth, or other*). Much of the information needed may be contained in your Water Management and Conservation Plan, Water System Master Plan, or Capital Improvement Plan (as applicable).

Reason(s) for the Request for Additional Water	Time Table for Development of the Additional Water	Justification for Water Source & Amount Requested
Seasonal Risk to Current Supply	2020	Rate and Quantity needed to assure public health and municipal utility service.

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Water Management and Conservation

- Do you have an approved Water Management and Conservation Plan? Yes No
- List the “In-Effect” date of your most recently approved Water Management and Conservation Plan: N/A
- Is your system fully metered? Yes No
- Do you perform annual water audits? Yes No
- Annual amount of water produced (MG): 2.6 (2019) (diverted or appropriated)
- Annual amount of water billed for (MG): 2.1 (2019) (metered consumption)
- Identify your system’s current annual water loss: 19% (difference between the amount of water produced and the water billed for)
- Describe your rate structure and billing schedule: See attached rate schedule [e.g., commodity rate (uniform rate, declining or inverted block rate); fixed charge with a commodity rate; or a fixed charge and commodity rate using a seasonal differential.]

Population

A supplier’s population includes both permanent residential and transient populations. Residential population should be from census data or, if estimated, the method of estimation must be documented. Adopted comprehensive land use plans, water system master plans, or water management and conservation plans are examples of acceptable documentation. Transient populations are routine users of water by employers (*such as manufacturing or call center type facilities*) that increase the demand within a supplier’s service area. Resort areas, regional airports, sea ports, areas with seasonally variable populations, and colleges/universities are also subject to this transient population test. Special events which are rare occasions (*such as parades, rodeos, festivals, etc.*) are not reasons to apply the transient population test.

Below, please indicate the current population to which you serve water, and cite the source of that information. Please also provide the historic population growth rate over the past 10 years and the projected population you anticipate serving in 20 years.

Present Population being Served:	Source of Information
92 Residences (230 People)	Service Count
Historic population growth rate over the past 10 years:	Source of Information
Not Available	--
Projected Population to be Served in 20 Years:	Source of Estimate/Method Used
115 Residences (280 People)	Rate Study & Clatsop County (PRC)

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Size of Service Area

The area/size standard includes, but is not limited to, the following: existing boundaries, city limits, urban growth boundaries, urban reserves and zoning maps. Quasi-Municipal applicants must supply a map of the intended service area with an overlay of zoning.

Present Size of Service Area (in Acres)	List Current Zones by Percent of Total (Include any special zoning, such as a shovel-ready industrial zone of more than 50 contiguous acres)	Source of Information
200	Coastal Residential 100%	Clatsop County
Projected Size in 20 Years (in Acres)	Anticipated Zoning by Percent	Source of Estimate
200	Coastal Residential 100%	Clatsop County

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Current Water Supply

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In the table below, please describe all of the sources of your current water supply inventory (both active and inactive). Identify those sources and associated water rights that are currently in use. Additionally, please identify any water sources/water rights that are not currently used, or used only on a seasonal or emergency basis, and describe the reason(s) why. If any portion of your water supply is being purchased, identify the supplying entity and, if possible, indicate the water source.

Water Source (Include any wholesale purchases of water)	Water Right Numbers (Permit and/or Certificate)	Priority Date	Amount of Water Allowed	Actively Used? (Yes or No) If "No," explain.
North Spring	S 28972	7/31/1963	0.13 cfs	Yes
South Spring	S 37930	7/01/1961	0.20 cfs	Yes

Is this application for a new water use permit intended to be used as a primary or backup source? Explain how this right will be used to meet current demand and/or how it will be used to increase reliability and resiliency?

The proposed well source is intended to be a primary source used in conjunction with existing spring sources which may be seasonally impacted. The well source is expected to reliably add as much as 50,000 gallons per day during seasonal demands.

Those suppliers that have prepared a WMCP may also wish to attach a copy of their water rights inventory table (typically included in the Water Supplier Description element of a WMCP).

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Current Water Use

Describe the nature of your current demands for water, as well as the water sources used to meet those needs.

Current Demands for Water (Year: 2018)

Water Source (Including wholesale water purchases)	Water Right Numbers (Permit and/or Certificate)	Peak or Maximum Demand		Average Demand	
		Maximum Instantaneous Rate (in cfs or gpm)	Maximum Daily Demand (MG)	Average Daily Demand (MG)	Average Annual Demand (MG)
North Spring	S 28792	50 gpm	0.020	0.009	3.2
South Spring	S 37930	20 gpm	0.003	0.001	0.2

- Per-capita daily demand (in gallons): 30
(Divide average annual water sales by population to arrive at consumption, and then divide by 365 to get daily values.)
- Peak season (by month/day): July to September
- Peak Season number of hours diverted/pumped (if available): N/A
- Peak season per-capita daily consumption (in gallons): 60
(Divide total peak season demand by population and the number of days during the peak.)
- Peaking Factor (ratio between max day demand and average day demand): 2.0

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Projected Water Use

Describe your anticipated water demands for the next 20 years, and identify the sources of water (*existing and/or new*) that will be used to meet those demands. Please also describe the methodology and/or information source used to make the projected water demand estimates.

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Projected Demands for Water in 20 Years (Year:2038)

- Current average per capita demand (in gallons): 30
- Projected population served in year (2038): 280
- Projected average annual demand (MG): 2.8
- Projected average daily demand (MG): 0.012
- Current peaking value: 2.0
- Projected maximum daily demand (MG): 0.024

Water Source <small>(Including wholesale water purchases)</small>	Water Right Numbers <small>(Permit and/or Certificate) If a new water source, indicate so.</small>	Projected Peak Daily Demand		Projected Average Daily Demand	
		Maximum Instantaneous Rate (in cfs or gpm)	Maximum Daily Demand (MG)	Average Daily Demand (MG)	Average Annual Demand (MG)
North Spring	S 28792	0.13 cfs	0.013	0.009	2.1
South Spring	S 37930	0.20 cfs	0.003	0.001	0.2
Well	New	0.11 cfs	0.008	0.002	0.5

Source or Methodology Used for Demand Projections:

Straight-line projections from existing water demand data. Coordinated Population Forecast for Clatsop County, its Urban Growth Boundaries (UGB), and Area outside UGBs 2017-2067; March 2017 by PRC, Portland State University.

Describe any issues, deficiencies or limitations associated with your current water supply inventory contributing to the need to acquire additional water in order to satisfy your current and/or projected 20-year demands:

Seasonal Variations of spring sources have been observed. These seasonal vulnerabilities were not exhibited during well tests and are the basis for attributing improved source reliability for the future.

Annual Water Use by Type

In the table below, list the quantity of water diverted for each type of water use and the percentage of the total diversion associated with that use type:

Type	Current Use		Use In 20 Years	
	Quantity Diverted:	Percentage of Total Diversion:	Projected Quantity to be Diverted:	Percentage of Total Diversion:
Residential:	2.06 MG	78	2.5 MG	89
Commercial:	0		0	
Institutional:	0		0	
Agricultural:	0		0	
Industrial:	0		0	
Other: (specify use)	0		0	
Non-revenue water:	0.6	22	0.3	11
Total Diverted:	2.66 MG	100	2.8 MG	100

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Curt McLeod

From: Curt McLeod
Sent: Wednesday, October 16, 2019 4:09 PM
To: Pat Curran (pdcinpx@gmail.com)

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<i>Jul, Aug, Sep Monthly Use:</i>	<i>Conservation Charge:</i>
0 - 4,000 gallons	Base Rate \$345/yr
Tier 1: 4,000 - 7,500 gallons	\$12.00 per 1,000 gallons
Tier 2: over 7,500 gallons	\$36.00 per 1,000 gallons

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