



Oregon Water Resources Department

FORM M

FOR MUNICIPAL AND QUASI MUNICIPAL WATER SUPPLIES

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: Eugene Water & Electric Board (EWEB)

Name and size of area to be served: City of Eugene and adjacent districts - see application map
(in square miles)

Present population of service area: 180,489 in 2009
(Contact county planning staff, if needed.)

Projected population in 20 years: N/A - this application is not requested to meet future demands
(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>See Attachment 2</u>	<u>(hydroelectric rights are not included)</u>	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Water Use

Average **yearly** demand: 29,113 AFY Year: 2009

Per-capita daily consumption (in gallons): 144 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): June 1 to Sept. 30 **Total peak season** demand: 15,216 Acre-feet

Peak season per-capita daily consumption: 225 gallons per capita day
(Divide total peak season demand by population and the number of days during the peak.)

Annual amount of water:

Produced: 9,487.6 million gallons (2009)
(diverted or pumped)

Delivered: 8,782.4 million gallons (2009)

Is your system fully metered? Yes No

Describe your rate structure: base charge, elevation charge and increasing block rate for residential customers.
(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):

EWEB is not requesting "additional water" because the requested permit would not increase its maximum combined authorized rate under its existing water rights. The requested permit would provide EWEB with a redundant source of supply and operational flexibility.

B. How long is the amount of water requested in this application expected to meet future needs?
(e.g. until the year 2040) N/A - this water right is requested to meet the current demand from a redundant source

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

The greatest constraint on EWEB's water system is that it does not have an adequate redundant source of supply. Surface water from the McKenzie River is EWEB's sole source of supply. EWEB's groundwater permit is heavily conditioned and inadequate to meet EWEB's water supply needs.

D. Percentage of water use by type:

Residential: 49% Commercial: 42% (combined with industrial)
Public Authority: 1% (electric utility) Agricultural: _____
Unaccounted for use: _____ Industrial: 42% (combined with commercial)
Other (specify use): 8% (water districts)

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.)

EWEB is currently developing a water management and conservation plan in which it expects to consider the costs and benefits of other water supply options for future water supply. However, this application is for a redundant water supply.

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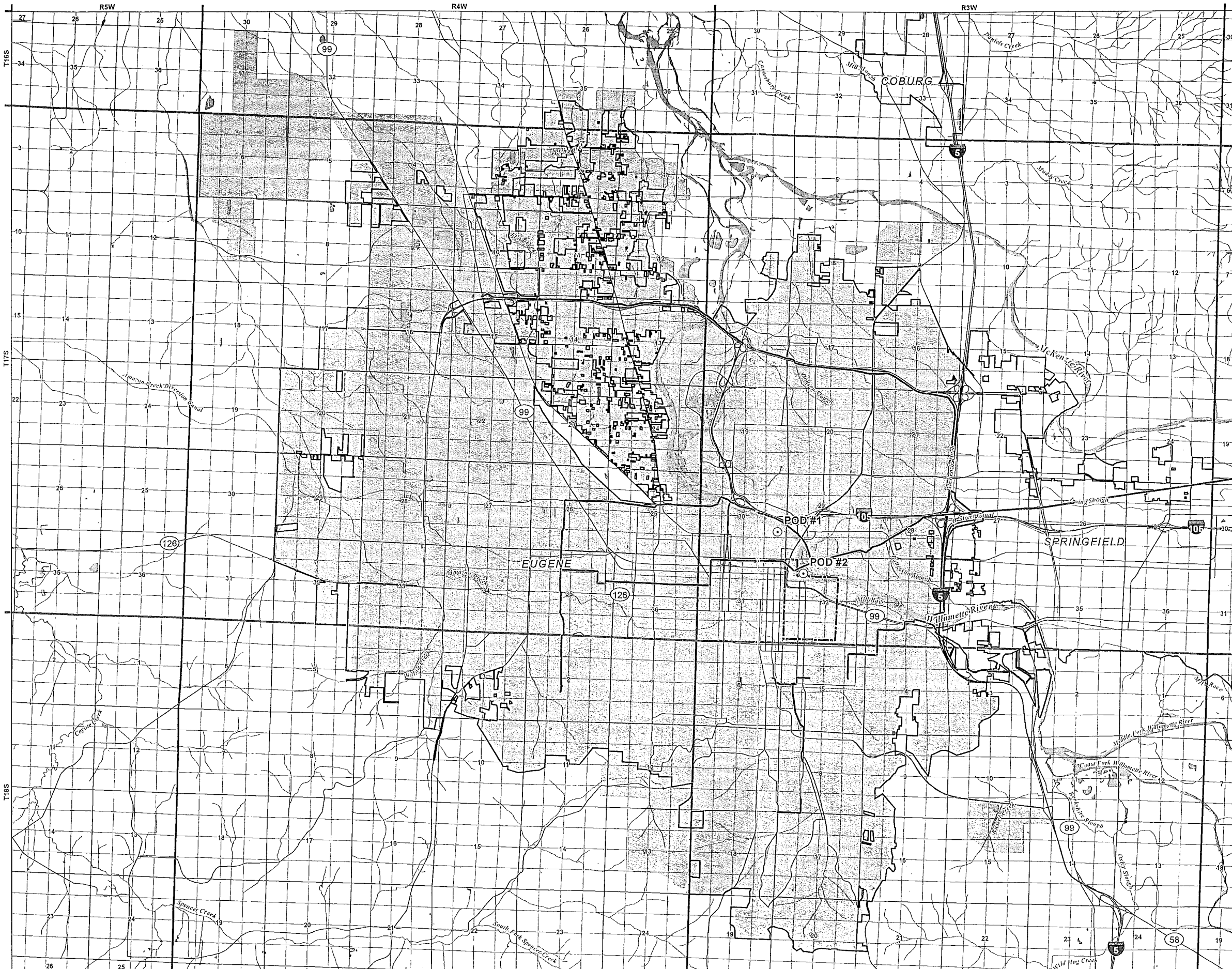
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F. How and by how much will your proposed water use efficiency programs increase efficiency?
(Express as a percentage of per-capita consumption.)

EWEB is currently developing a water management and conservation plan in which it expects to consider the efficacy of water use efficiency programs. However, this application is for a redundant water supply. Increased efficiency cannot eliminate EWEB's need for a redundant source of supply.

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**Application for a Water Right
Proposed Place of Use and
Proposed Points of Diversion**

Application in the Name of:
Eugene Water & Electric Board

Legend

- Proposed Point of Diversion (POD)
- Proposed Place of Use (POU)
- Water Transmission Mainlines
- City Limits
- ▤ Hilyard Shaw DLC 56
- Major Roads
- ~ Watercourses
- ☪ Waterbodies

POD Location Descriptions

- POD #1**
1710' North and 555' West of SE Cor. Section 30,
T.17S., R.3W., W.M.
- POD #2**
NW1/4 NW1/4, as projected within Hilyard Shaw DLC
56, Section 32, T.17S., R.3W., W.M.; 843 feet South
and 1123 feet East from the NW Corner, Hilyard Shaw
DLC 56

POU Location Description

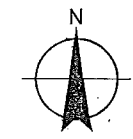
Eugene City Limits, Dissolved Bethel Water District,
Dissolved Hillcrest Water District, Eugene Airpgrt
Special Service District, Lane Community Special
Service District, Dissolved Oakway Water District,
River Road Water District, Santa Clara Water District

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0 3000 6000 9000
Feet



Disclaimer

This map was prepared for the purpose of
identifying the location of a water right only
and it is not intended to provide legal dimensions
or location of property ownership lines.

Map Notes

Date: December 23, 2010
Data Sources: EWEB, OWRD, OGIC
Prepared By: GSI Water Solutions, Inc.



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