



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: Indian Rock Homeowners Association

Name and size of area to be served: Indian Rock Estates, Phases 1 & 2, 0.775 square miles
(in square miles)

Present population of service area: 2

(Contact county planning staff, if needed.)

Projected population in 20 years: 105 based upon 41 homes at Crook County's 2.57 people per home
(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:
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N/A

Water Use

Average yearly demand: 170 AFY Year: 2020

Per-capita daily consumption (in gallons): 1,445

(Divide average annual water sales by population to arrive at consumption, then divide by 365 to get daily values.)

Peak season (by month/day): Mar 1 to Oct 31 Total peak season demand: 166 Acre-feet

Peak season per-capita daily consumption: 1,411

(Divide total peak season demand by population and the number of days during the peak.)

Annual amount of water:

produced: 170 AF

(diverted or pumped)

delivered: 170 AF

Is your system fully metered? ☒ Yes ☐ No

Describe your rate structure: TBD. Rate structure to minimize miss-use of water.

(e.g. flat rate, increasing or decreasing block rate or combination of different systems)

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WATER RESOURCES DEPT
SALEM OREGON

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): Approved subdivision may exceed

amount allowed under domestic exemption. Additionally, applicant seeks to use this new water

right for lawn irrigation and up to 40 acres of the development's open space.

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

(e.g. until the year 2040) Forever

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

Water system includes 2 wells (2nd well drilled and tested but not connected to system) that feed in to
an enclosed 82,000 gallon reservoir from which the 41 homes and any irrigated open space is served.

D. Percentage of water use by type:

Residential: 7%

Commercial: _____

Public Authority: _____

Agricultural: 93%

Unaccounted for use: _____

Industrial: ~~100%~~ _____

Other (specify use): _____

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.)

No other water supply options are known to exist. Rate structure to encourage conservation.

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

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

All new construction meeting current low water use regulations.

Superseded

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): Approved subdivision may exceed

amount allowed under domestic exemption. Additionally, applicant seeks to use this new water

right for lawn irrigation and irrigating some of the 265 acres of open space.

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

(e.g. until the year 2040) Forever

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

Water system includes 2 wells (2nd well drilled and tested but not connected to system) that feed in to

a enclosed 82,000 gallon reservoir from which the 41 homes and any irrigated open space is served.

D. Percentage of water use by type:

Residential: 7%

Commercial: _____

Public Authority: _____

Agricultural: 93%

Unaccounted for use: _____

Industrial: ~~2%~~ _____

Other (specify use): _____

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.)

No other water supply options are known to exist. Rate structure to encourage conservation.

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

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

All new construction meeting current low water use regulations.

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Last revision: April 9, 1996

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SALEM, OREGON**