

**LAKEHAVEN UTILITY DISTRICT
King County, Washington**

Resolution No. 94 - 757

A RESOLUTION of the Board of Commissioners of the Lakehaven Utility District, King County Washington, authorizing the General Manager to retain consultant services for the preparation of a water and sewer comprehensive plan.

WHEREAS, the District is required by law to prepare and maintain comprehensive plans for the water and sewer systems, and

WHEREAS, with the increasing complexity involved with, and the emphasis upon, planning under the Growth Management Act, the need for adequate and timely comprehensive planning is ever-increasing, and

WHEREAS, the Board considering that these circumstances require specialized expertise, resources and regional perspectives not available to the District without the utilization of competent consultant services,

NOW, THEREFORE, BE IT RESOLVED as follows:

1. The General Manager is hereby authorized to take steps, as deemed necessary and expedient and in compliance with state law, to retain consultant services for the preparation of a water comprehensive plan and sewer comprehensive plan. Following completion, the plans shall be reviewed by the Board prior to submittal to the appropriate agencies for review and approval.
2. Any consultant to be hired pursuant to the direction herein shall be provided a copy of the District's Ethics Code and the terms therein shall be made a part of any consultant contract.

ADOPTED by the Board of Commissioners of Lakehaven Utility District, King County, Washington, at a regular meeting thereof held this 8th day of September, 1994.

ATTEST:



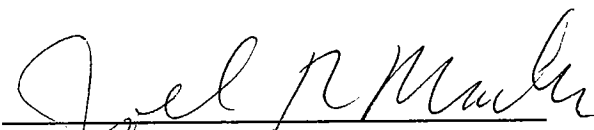
President and Commissioner

NOT PRESENT

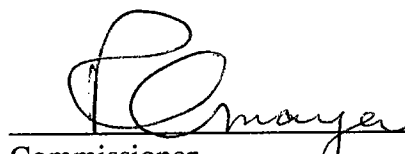
Secretary and Commissioner



Vice President and Commissioner



Commissioner



Commissioner

ATTACHMENT "A"

WATER CONSERVATION PROGRAM ELEMENTS

ADVISORY STAGE

The objective of the "Advisory Stage", is to prepare customers as well as staff for a potential water shortage, thereby allowing adequate planning and coordination time to undertake actions that forestall or minimize the need later for more stringent demand or supply management actions. This stage will be implemented upon approval by the Board of Commissioners. The activating triggers include: Aquifer levels declining slightly from year to year; anticipated water distribution and sewer system downtime; below normal rainfall resulting in reduced recharge.

- * 1) Brief elected officials and other governmental agencies on potential water shortage.
- * 2) Advise public of current water supply status in newsletter and press releases.
- * 3) Issue standard water reduction guidelines:
 - Water lawns only 1" a week.
 - Water only early a.m. or late p.m. and adjust sprinklers to water only planted areas.
 - Install free low-flow showerheads & faucet aerators offered by Puget Power & WNG.
 - Install water displacement devices in toilet tanks.
- * 4) Inform irrigation meter customers of water supply status and potential shortage.
- * 5) Implement inverted block rate.
- 6) Set up violation reporting system.
- * 7) Reduce irrigation @ District sites.
- * 8) Reduce main flushing.
- 9) Inform all hydrant users of potential water shortage.
- *10) Promote conservation in newsletter and newspaper articles.
- *11) Promote conservation in schools.
- *12) Promote conservation at theme shows and fairs.

* Indicates projects implemented

VOLUNTARY STAGE

If supply conditions continue to worsen, the "Voluntary Stage" is implemented. This stage relies on the voluntary cooperation and support of customers to reduce consumption. As in the previous stage, the objective is to forestall or minimize later need for more stringent demand or supply management actions. This stage will be implemented upon approval by the Board of Commissioners. The triggers include: Aquifer levels decline several consecutive years; reduction of intertie supply; extended period of hot, dry weather predicted.

- 1) Update elected officials and governmental agencies on water supply status and ask them to lead the public in the conservation effort. Request dust control measures to reduce watering in unpaved areas.
 - * 2) Intensify ongoing media campaign providing current information. Request voluntary conservation.
 - * 3) Issue more stringent watering guidelines, eliminating non-essential outdoor and indoor use.
 - Sweep walk and driveways instead of hosing them.
 - Reduce or eliminate vehicle washing.
 - Use hose with shut-off nozzle if washing vehicles.
 - Fix drippy faucets, showerheads and running toilets.
 - Take shorter showers,
 - While waiting for hot water, catch waste water for use on plants or for cleaning purposes.
 - Flush less often.
 - Turn off all non-recirculating fountains.
 - * 4) Update irrigation meter customers of supply status change and ask them to conserve.
 - 5) Steepen inverted block rate blocks.
 - * 6) Issue doorhangers with reminders to conserve to water wasters.
 - * 7) Eliminate irrigation at District sites.
 - * 8) Eliminate main flushing.
 - * 9) Implement "Conservation Tip Hotline" for customers to call.
 - 10) Alert hydrant users of status change and ask them to conserve.
 - *11) Implement message banner campaign.
 - *12) Promote conservation Garden and use of water-efficient plants and gardening methods.
- * Indicates projects implemented.

- 13) Promote speakers series; construct garden at elementary school with student/parent participation; offer water-efficient landscaper rebate.
- 14) Promote irrigation system training workshop and irrigation system audits; certified staff person to be available to conduct limited amount of free system audits.
- 15) Promote hose timer and rain sensor distribution.
- 16) Promote ULF toilet rebate program; implement Toilet Tummy installation contest at schools.
- 17) Promote horizontal axis washing machine rebates.
- *18) Promote use of table tents in restaurants.
- 19) Add billing history and conservation tips on bills.
- 20) Purchase newspaper ads to promote conservation.
- *21) Participate in Water Conservation Coalition's marketing campaign.
- 22) Special mailings to customers to alert them to water supply status, to determine reasons for high usage, to offer methods to help them conserve, to gather information for rate planning and to encourage continued low use.

MANDATORY STAGE

The "Mandatory Stage" is implemented only if voluntary measures do not sufficiently reduce consumption and requires Board approval. The triggers include: Aquifer levels are significantly below normal; loss of intertie supply, distribution system failure; hot, dry weather occurs.

- 1) Update elected officials and governmental agencies on water supply status. Request increased restraint in water usage.
 - Reduce watering rate at ball fields and play fields to minimum necessary for safety purposes and dust control.
 - Request Fire Dept. discontinue use of water during training exercises until emergency is over.
- 2) Update the public on water supply status and request their compliance with mandatory restrictions; inform them of potential penalties.

* Indicated projects implemented.

- 3) Restrict lawn watering to one day a week:
 - House/bldg. numbers ending in:
 - 1-2 water on Mon.
 - 3-4 water on Tues.
 - 5-6 water on Wed.
 - 7-8 water on Thurs.
 - 9-0 water on Fri.

Limit watering of new landscapes to 3 times a week not to exceed 1" a week. Gardens & ornamentals may be watered as needed, using the "finger test" to see if the root zone is dry. No vehicle washing permitted except at facilities that recycle water.

- 4) Update irrigation meter customers on status change and need to conserve.
- 5) Assess surcharge and/or steepen inverted rate blocks further; implement fines.
- 6) Issue doorhangers with fines.
- 7) Rescind all hydrant use permits.
- 8) Inform public of possible reduction of pressure should rationing become necessary.

RATIONING

The District, at this stage, recognizes that a critical supply situation exists, that without significant curtailment actions, a shortage of water for public health and safety will be imminent. This stage may only be implemented by Board action. The triggers include: Aquifer levels projected to drop to critical levels; major system failure; continued hot, dry weather.

- 1) Update elected officials and governmental agencies on water supply status. Request elimination of all outdoor watering.
- 2) Provide customers with the latest supply status information and explain rationing program and why it is necessary.
- 3) Eliminate all outdoor water usage.
- 4) Assess higher surcharge and/or steepen rate blocks further.
- 5) Shut off water on water wasters who have previously been issued warning doorhangers.
- 6) Reduce system pressure.
- 7) Utilize water trucks to distribute water where not available.
- 8) Availability of water to different parts of the district on intermittent basis.

* Indicates projects implemented.