

November 9, 1992
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Introduced by: PAUL BARDEN

Proposed No.: 92-482

ORDINANCE NO. **10629**

AN ORDINANCE approving the water conservation element of the 1987 Tacoma Comprehensive Water System Plan.

PREAMBLE:

On November 7, 1989 the King County Council passed Ordinance No. 9193 adopting the 1987 Tacoma Comprehensive Water System Plan.

Ordinance No. 9193 called for a water conservation plan to be developed as an addendum to the 1987 Tacoma Comprehensive Water System Plan.

The conservation element was to include:

1. The feasibility of requiring water efficient irrigation systems and low water demand landscaping in all new residential, commercial, and industrial developments and in public and private facilities such as schools, parks, and golf courses.

2. The reuse of water or reclamation of wastewater especially as it pertains to the Simpson Kraft Company which consumes up to forty percent of the city's daily supply.

3. The Tacoma Water Division's long-term water demand projections based on the conservation techniques and the State's future requirement contained in R.C.W. 19.27 for the installation of water saving fixtures.

4. The Tacoma Water Division is requested to develop a schedule and budget for the implementation of a long-term conservation program, including both the mandatory and voluntary aspects. Periodic review of the demand projections should occur based on the implementation of the conservation measures.

Ordinance No. 9193 stated the conservation plan shall be submitted within one year of approval.

Tacoma requested extensions to this deadline on two occasions. On both occasions, the extensions were granted by the King County Utilities Technical Review Committee because the committee formed to develop the Water Conservation Plan was making a good faith effort to complete it, despite experiencing significant delays.

1 The Simpson Kraft Company's Reclaimed Wastewater Feasibility
2 Study determined that reuse and reclamation were technically
but not financially feasible at this time.

3 The absence of State standards for the reuse of water has
4 made it difficult for Tacoma and Simpson Kraft Company to
obtain any guidance in the development of a reuse program.

5 State standards are being developed by the State Department
6 of Health and the Department of Ecology, funded by Metro;
7 the cities of Seattle, Tacoma, and Everett; and the Washing-
ton Water Utility Council, a committee of the American Water
Works Association.

8 The Tacoma Water Conservation Plan includes a conservation
9 program for the Simpson Tacoma Kraft Mill.

10 In 1991 the Simpson Kraft Company achieved a five million
11 gallon per day savings through a variety of conservation
methods.

12 The Simpson Kraft company has set a goal to achieve an addi-
13 tional five million gallons per day savings over the next
two years.

14 Tacoma is currently conducting a rate study to consider
15 alternatives which encourage conservation.
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1 On February 26, 1992 the King County Utilities Technical
2 Review Committee determined the addendum met the require-
3 ments of Ordinance No. 9193 and recommended approval with
4 conditions.

5 BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

6 SECTION 1. The Tacoma Water Conservation Plan which is an
7 addendum to the City of Tacoma Comprehensive Water System Plan
8 is hereby approved with the following conditions:

9 A. While the reuse of water or reclamation of wastewater
10 at the Simpson Kraft Company is not feasible at this time,
11 Tacoma shall further consider reuse and reclamation technology
12 is their plan update.

13 B. A new rate structure which encourages conservation
14 should be developed by Tacoma.

15 C. Tacoma shall ensure that all purveyors within King
16 county which purchase water from Tacoma shall implement
17 conservation methods at least as stringent as Tacoma.

18 D. All future updates of the Tacoma Comprehensive Water
19 System Plan shall include a section analyzing additional
20 wastewater reuse technology.

1 E. In the Comprehensive Water System Plan update which
 2 Tacoma is currently undergoing, Tacoma shall further consider
 3 and implement, where feasible, such water conservation
 4 approaches such as: water audits of all customer classes,
 5 including residential, commercial and industrial; management of
 6 non-revenue water; rebates and other such financial incentive
 7 approaches for plumbing efficiency improvement; water-efficient
 8 vegetative cover, landscaping, and irrigation technologies, and
 9 comprehensive drought management programs; educational and
 10 promotional campaigns encouraging water conservation; and,
 11 incorporation of water saving technologies into building codes
 12 and standards.

13 INTRODUCED AND READ for the first time this 6th day
 14 of July, 1992.

15 PASSED this 9th day of November, 1992.

16 KING COUNTY COUNCIL
 17 KING COUNTY, WASHINGTON

18 [Signature]
 19 VICE Chair

20 ATTEST:

21 [Signature]
 22 Clerk of the Council

23 APPROVED this 19th day of November, 1992.

24 [Signature]
 25 King County Executive

26 Attachments: None

ORDINANCE 10629

**ATTACHMENT A TACOMA WATER DIVISION
WATER CONSERVATION PLAN JANUARY 1991**

**PREPARED BY ECONOMIC AND ENGINEERING
SERVICES, INC. IN ASSOCIATION WITH LINDA
DETHMAN AND ASSOCIATES AND RICHARD
BENNETT**

**ATTACHMENT B RECLAIMED WASTEWATER
FEASIBILITY STUDY FOR THE CITY OF TACOMA
PUBLIC UTILITIES AND SIMPSON TACOMA
KRAFT MILL APRIL 1991**

**PREPARED BY HDR ENGINEERING, INC. NLK,
INC. HOWARD EDDE, INC.**

ATTACHMENT(S) AVAILABLE IN ARCHIVES