

**RESOLUTION
BEFORE THE BOARD OF COUNTY COMMISSIONERS
FOR MULTNOMAH COUNTY, OREGON**

In the matter of accepting the recommendation)
of the Employee suggestion Committee regarding)
Employee Suggestion Number DES-003.)

RESOLUTION
92-18

WHEREAS, the Board of County Commisioners passed resolution number 91-80 which established an Employee Suggestion System to improve the overall effectiveness and work environment of Multnomah County,

WHEREAS, the Board of County Commissioners directed an Employee Suggestion Committee to review the submitted employee suggestions and recommend action to be taken by the Board,

THEREFORE BE IT RESOLVED THAT:

The Board of County Commissioners accepts the recommendation of the Employee Suggestion Committee and requests the Chair consider the suggestion for implementation.

Adopted this 30th day of January, 199 2.



BOARD OF COUNTY
COMMISSIONERS
MULTNOMAH COUNTY, OREGON

By: Sharon Kelley for
Gladys McCoy, County Chair

APPROVED AS TO FORM

LAWRENCE KRESSEL, COUNTY COUNSEL
OF MULTNOMAH COUNTY, OREGON

By: [Signature]
Lawrence Kressel
County Counsel



MULTNOMAH COUNTY, OREGON

COMMITTEE USE ONLY

Date Received: 12-4-91

File No: DES-003

EMPLOYEE SUGGESTION FORM**IMPORTANT: Please read the instructions on back before completing.**

BE SURE YOUR IDEA IS THOROUGHLY UNDERSTOOD. WRITE YOUR SUGGESTION CLEARLY AND COMPLETELY. ATTACH EXTRA PAGES, CHARTS OR DRAWINGS, IF NECESSARY. IF YOU NEED ASSISTANCE, PLEASE CONTACT A MEMBER OF THE SUGGESTION COMMITTEE. IT IS NOT ENOUGH TO IDENTIFY A PROBLEM, YOU MUST OUTLINE ITS SOLUTION. PLEASE BE AS DETAILED AS POSSIBLE

PRESENT METHOD, CONDITION, or PROBLEM:

The Portland Water Bureau bills monthly for water consumption within **Present Cost:** \$8,000 the metropolitan/Portland area. Within those costs for water are charges for "storm water drainage" and "sanitary sewer." The cost for sanitary sewer amounts to \$1.16 for every 100 cubic feet of water discharged, assuming this water will be discharged into the sewer system. Presently, at the Justice Center, and I feel at other County facilities, we have two large cooling towers that have a significant loss of water due to evaporation and wind drift. This water never reaches the sanitary sewer system. As a result of this loss there is a significant charge to the consumer, in this case Multnomah County, for which this charge should not be made, since the water never reaches the sanitary sewer system.

Subtotal: \$8,000**PROPOSED SOLUTION:**

I would propose the installation of water metering devices, on the **Estimated Cost:** \$ 100 bleed-off lines of the cooling towers, so that the loss of the water through the cooling towers, due to evaporation and wind drift could be easily determined, and a credit given to our monthly water costs. I have communicated our concerns to the Portland Water Bureau and they have indicated that as long as we could measure the amount of water lost that they would give us a credit for the water not discharged to the sewer system.

As a test of the idea, we installed the necessary measuring devices, and gave the information to the water bureau, which resulted in a savings of \$1,801 in August, September, and October (cumulative). The amount of the savings will differ due to the different seasons of the year, but should amount to approximately \$8,000/yr. I have attached a copy of the calculations for your review. I feel that similar savings could be made at other County facilities, with similar equipment installed.

Subtotal: \$ 100**Total Anticipated Savings(per year):** \$7,900
Yearly savings thereafter \$8,000**Type of Suggestion:**

- ☐ Increased Efficiency
☒ Improved Methods
☐ Improved Service
☐ Improved Equipment

- ☐ Reduced Costs
☐ Waste Prevention
☐ Increased Worker Health and/or Safety
☐ Other—Please Specify _____

Date Submitted: 12/4/91	Request confidentiality: YES NO xx	Name of Suggestor: (please print) (Optional)
Phone Number: (Optional) 248-5128	Dept/Div: (Optional) DES/Fac. Mgt/Jus. Ctr.	Ma

PRESENT THIS FORM TO A MEMBER OF THE SUGGI

Calculations of Water Cost Reductions at the Justice Center As a Result of Reduced Sewer Charges for Water:

	<u>Aug. 1991</u>	<u>Sept. 1991</u>	<u>Oct. 1991</u>	
A. Water Consumption (100's cubic feet)-taken from billings	2,621	2,397	2,216	
B. Sewer Rate (Per 100 cubic feet)	1.163	1.163	1.163	
C. Sewer Charge (A x B)	3,048	2,788	2,577	
D. Tower Consumption (100's cubic feet) ¹	654	708	187	
E. Sewer Rate	1.163	1.163	1.163	
F. Sewer Charge Reduction (E x D)	761	823	217	<u>\$1,801</u>
G. Adjusted Sewer Charge (C - F)	2,287	1,965	2,360	
H. Actual Sewer Charge Taken From Billings	\$2,312.57	\$1,990.09	\$2,385.51	
Difference between calculated and actual sewer charged (H - G)	\$ 25.57	\$ 25.09	\$ 25.51	

¹ Tower consumption determining from differential between water meter readings on supply and discharge sides, giving water lost to evaporation.

² Attributed to rounding off.