

City of Cambridge

MASSACHUSETTS

Agenda # 11 - Appropriation of \$49,000 to
the Water Department

In City Council October 1 1990

	YEA	NAY	ABSENT	PRESENT	
Mr. Ed Cyr	✓				
Mr. Francis H. Duehay	✓				
Mr. Jonathan S. Myers	✓				
Mr. Kenneth E. Reeves	✓				
Mrs. Sheila T. Russell	✓				
Mr. Walter J. Sullivan	✓				
Mr. Timothy J. Toomey, Jr.	✓				
Mr. William H. Walsh	✓				
Mayor Alice K. Wolf	✓				

9

0

0

October 1, 1990

INTRODUCED BY CITY MANAGER ROBERT W. HEALY

AN ORDER CONCERNING APPROPRIATIONS FOR THE FISCAL YEAR BEGINNING JULY 1, 1989

ORDERED: That in addition to sums previously appropriated by the City Council for the fiscal period 1989-90 the following sum is hereby appropriated in the Public Investment fund of the City of Cambridge:

FUNCTION	DEPARTMENT OR PROGRAM	SALARIES & WAGES	OTHER ORDINARY MAINTENANCE	TRAVEL & TRAINING	EXTRAORDINARY EXPENDITURES	APPROPRIATIONS
Community Maintenance & Development	Water				\$49,000.00	\$49,000.00

BE IT FURTHER ORDERED: That the above appropriations in the Public Investment Fund to be financed by estimated revenues drawn from the following sources:

FINANCING PLAN	REVENUE
Water Fund	\$49,000.00

In City Council October 1, 1990.

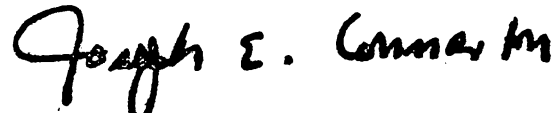
Adopted by a yeas and nays vote:-

Yeas 9; Nays 0; Absent 0.

Attest:- Joseph E. Connarton, City Clerk.

A true copy;

ATTEST:-


Joseph E. Connarton, City Clerk



CITY OF CAMBRIDGE

MASSACHUSETTS

WATER DEPARTMENT
250 FRESH POND PARKWAY
CAMBRIDGE, MASS. 02138

John J. Cusack, Jr.
Superintendent

617-498-9070

TO: Robert W. Healy
City Manager

FROM:  John J. Cusack, Jr.
Superintendent

DATE: September 26, 1990

SUBJECT: SUPPLEMENTAL APPROPRIATION FOR
ATOMIC ABSORPTION SPECTROPHOTOMER

Pursuant to our Sept. 21st meeting on the subject referenced above, the Water Department is requesting a supplemental appropriation in the amount of \$49,000 (forty-nine thousand dollars) to purchase a new atomic absorption spectrophotometer (AA unit) for the Water Quality Laboratory at the Water Treatment Plant. The new AA unit will replace an existing one that has been in use since 1977. The cost for the new equipment is estimated as follows:

Current Price: \$57,000
Less Trade In: (8,000)

Estimated Net Cost: \$49,000

In the recently completed "Water Treatment Audit" report, prepared by Camp Dresser & McKee, Inc., the acquisition of this equipment has been identified as a priority interim improvement required for water treatment process control and watershed monitoring. The existing AA unit cost \$10,000 in 1977. Eventhough it is still operational, the detection limit and operational stability of the equipment have deteriorated over time. This unit has been serviced on a routine bases, but replacement parts are no longer available.

The new AA unit will be used to measure the concentrations of metals (aluminum, lead, mercury, iron, manganese and sodium) in water samples. These analyses are utilized for both the control and evaluation of the water treatment process (aluminum, iron and manganese) and for regulatory compliance testing (lead, copper and sodium) at customer water taps.

Memo
Robert W. Healy
City Manager
Page 2

The limitations of the existing AA unit have resulted in our laboratory having to send out routine testing to private laboratories certified by the Massachusetts Department of Environmental Protection (D.E.P.). In addition, the new equipment will enable the Water Department to upgrade its laboratory certification status from microbiological testing only to also include the primary and secondary drinking water metals.

The purchase of this new analytical equipment was endorsed by the Water Board at its August 9th meeting that you attended.

JJC/mp



CITY OF CAMBRIDGE

CAMBRIDGE, MASSACHUSETTS 02139

TEL. 498-9011

FAX. 868-8159

EXECUTIVE DEPARTMENT

ROBERT W. HEALY

City Manager

RICHARD C. ROSSI

Deputy City Manager

October 1, 1990

To The Honorable, The City Council:

Attached is an order requesting the appropriation of \$49,000.00 to the Public Investment Fund Water Department Extraordinary Expenditure Account. The funds will be used to purchase a new atomic absorption spectrophotometer for the Water Quality Laboratory at the Water Treatment Plant. For more detailed information, please see attachment memo. The appropriation will be financed through water receipts.

Very truly yours,

A handwritten signature in black ink, appearing to read "Robert W. Healy", is written over a horizontal line.

Robert W. Healy
City Manager

RWH/mev
enclosure

Agenda # 11 *F-558*
Appropriation of \$49,000.00 to the
Water Department.

In City Council,

Oct. 1, 1990

Order adopted
9-0-0.