



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: JJC John J. Cusack, Jr., Superintendent
Date: JJC December 10, 1984

Subject: Council Order No. 1 - (October 1, 1984) - Impact of BAY COLONY
CORPORATION DEVELOPMENT OVERLOOKING HOBBS BROOK RESERVOIR IN WALTHAM

At the request of Water Board President Thomas J. Begley, the Water Department has prepared this initial status report in response to the above Council Order.

In February of 1981, the Water Department began negotiations with Bay Colony Corporation, a land development firm that had a purchase and sale agreement for the 58 acres in Waltham known as the Kennedy Pig Farm. The Kennedy parcel had been an active pig farm from the mid 1800's to 1981. Having a history of poor land use, the Water Department since 1979 had actively pursued the closing of the pig farm with the landowners, and State and local agencies.

Due to the fact that the City of Cambridge did not own this parcel, it was apparent to the Water Department that a change-of-use on this extremely attractive site was inevitable. It was also apparent that this change-of-use could not be prevented. Therefore, from 1981 thru 1983, the Water Board and Department negotiated mitigational site preparation and design criteria to insure state-of-art protection for Hobbs Brook Reservoir and the Cambridge Water Supply. Examples of some of these criteria are outlined below:

- 1) Removal from the site of an estimated 125 million pounds of pig manure with deposition in an approved land fill off the watershed;
- 2) Site work sequencing to limit soil erosion exposure;
- 3) Pre-construction installation of a sophisticated enclosed drainage system that includes chemical flocculation and sludge pumping into enclosed tank trucks with subsequent disposal into approved waste deposition sites;
- 4) Implementation of a comprehensive site drainage analysis with not to exceed effluent parameters approved by the Mass. D.E.Q.E.;
- 5) Authorization for the Department to issue cease and desist orders if these effluent parameters are exceeded.

In addition to the covenants negotiated by the Water Department, Bay Colony was required by the Executive Office of Environmental Affairs, M.E.P.A. Division, to submit a comprehensive Environmental Impact Report. The Water Department had extensive input into the requirements imposed by that permitting structure. Currently, in compliance with the provisions of the Federal Clean Water Act, the Bay Colony Draft National Pollutant Discharge Elimination System

Memo
Robert W. Healy
City Manager

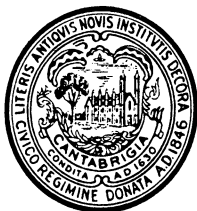
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(N.P.D.E.S.) permit if approved, will require extensive surface water monitoring to insure that all site drainage meets the required effluent limitations. Application must be made by the proponent to renew this permit every five years.

Upon completion of all permitting and site protective measures, the Water Department will provide a more comprehensive report if desired.

JJC/mp



CITY OF CAMBRIDGE

CAMBRIDGE, MASSACHUSETTS 02139
Tel. 498-9011

EXECUTIVE DEPARTMENT
ROBERT W. HEALY
City Manager

December 10, 1984

To the Honorable, the City Council:

With respect to City Council Order No. 1 of October 1, 1984 relative to the impact of the Bay Colony Corporation development overlooking Hobbs Brook Reservoir in Waltham, enclosed please find copy of a report from John J. Cusack, Jr., Superintendent of the Water Department.

Very truly yours,

Robert W. Healy
City Manager

RWH/mbf
Enc.

9/30/85 - PLACED ON FILE

#6 Agenda Item No. 10 #6
S-688

Re: impact of Bay Colony Corp. development
overlooking the Hobbs Brook Reservoir in
Waltham.

#6
6/24/85

9/30/85

Placed on File

In City Council,

December 10, 1984

12/10/84

To Calendar for

Next Week

Motion of E. Roebuck