

FORM F¹ - STRUCTURE

2250
DEC 05 1989

AREA	FORM NO.
	1-3

MASSACHUSETTS HISTORICAL COMMISSION
80 BOYLSTON STREET
BOSTON, MA 02116

Town Framingham

Address west side of upper Lake Cochituate

Name Lake Cochituate Dam

Ownership: MDC/Parks Public
Private

Type of Structure (check one):

- bridge _____
- canal _____
- dam x _____
- fort _____
- gate _____
- kiln _____
- lighthouse _____
- other _____
- pound _____
- powder house _____
- street _____
- tower _____
- tunnel _____
- wall _____
- windmill _____

Photo (3"x3" or 3"x5" black and white)
Indicate address on back of photo.
Staple to left side of form.

Sketch Map: Draw map showing structure's location
in relation to nearest cross streets, buildings
and/or geographical features. Indicate all
buildings between inventoried property and nearest
intersection.
Indicate north.

see attached map

DESCRIPTION

Date 1890

Source Manual of American Waterworks, 1890

Architect Engineer/Designer (if known):
Desmond Fitzgerald, engineer

Construction material granite, concrete

Alterations (with dates) none

Condition good

Moved no Date _____

Acreage less than 1/4 acre

Setting rural in State Park

UTM REFERENCE 19/303480/4687280

USGS QUADRANGLE Framingham

SCALE 1:25,000

Recorded by Jane Carolan

Organization Louis Berger & Associates, Inc.

Date January 1984; revised 1989

NATIONAL REGISTER CRITERIA STATEMENT (if applicable)

The dam at Lake Cochituate is considered eligible for inclusion on the National Register since it is an example of the evolving technology of dam construction within the Metropolitan Water Supply System and for its association with the Cochituate Aqueduct. It retains integrity of location, design, setting, materials, workmanship and feeling and meets criteria A and C of the National Register. The boundaries of the dam include only the dam and not the water or land surrounding it. The boundaries are shown on the map attached.

ARCHITECTURAL SIGNIFICANCE Describe important design features and evaluate in terms of other structures within the community.

Set in a rural state park the present dam and overflow of 62-feet are built of concrete. The dam has a rubble granite core. It succeeds two earlier wooden dams at the same site. It was constructed under the supervision of Desmond Fitzgerald, then engineer with the Boston Water Board.

This type of small dam is known as a control dam. Other nominated examples include the Sudbury Circular Dam (6-6), and three upon the open channel portion of the Wachusett Aqueduct (Area C). Refer to Overview, Section 7: Dams for additional information.

HISTORICAL SIGNIFICANCE Explain historical importance of structure and how the structure relates to the development of the community.

The dam at Lake Cochituate was constructed in 1890. It replaced two earlier wooden dams, the first of which was built in 1846 at the time of the construction of the Cochituate Aqueduct (1-4), the second was built in 1857. Lake Cochituate and Dam were taken over by the Metropolitan Water Board in 1898. The reservoir was removed from service in the late 1930s and transferred to the parks division of the Metropolitan District Commission (MDC).

BIBLIOGRAPHY and/or REFERENCES

Cochituate Water Board Report, 1851.

Internal Report on the Sudbury River Works by Desmond FitzGerald, Engineer, Sudbury Department to F.P. Stearns, Chief Engineer, Metropolitan Water Board, 15 June 1898.

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

Section number _____ Page _____

Water Supply System of Metropolitan Boston MPS
Middlesex, Norfolk, Suffolk and Worcester Counties, MASSACHUSETTS

DATE LISTED

- COVER **Substantive Review**
1. Ashland Dam and Spillway
 2. Framingham Reservoir No. 3 Dam and Gatehouse **Substantive Review**
 3. Framingham Reservoir No. 2 Dam and Gatehouse
 4. Framingham Reservoir No. 1 Dam and Gatehouse
 5. Hopkinton Dam and Spillway
 6. ~~Lake Cochituate Dam~~
 7. Medford Pipe Bridge
 8. Middlesex Fells Reservoirs Historic District **Substantive Review**
 9. Mystic Dam
 10. Mystic Gatehouse **Substantive Review**
 11. Mystic Pumping Station
 12. Sudbury Aqueduct Linear District
 13. Sudbury Dam Historic District
 14. Weston Aqueduct Linear District
 15. Fisher Hill Reservoir and Gatehouse
 16. Forbes Hill Standpipe
 17. Bellevue Standpipe
 18. Chestnut Hill Reservoir Historic District
 19. Marlborough Brook Filter Beds **Substantive Review**

Beth L. Swartz 01-18-90
Helene Byers 1-18-90
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UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINATION

PROPERTY NAME: Lake Cochituate Dam

MULTIPLE NAME: Water Supply System of Metropolitan Boston MPS

STATE & COUNTY: MASSACHUSETTS, Middlesex

DATE RECEIVED: 12/05/89 DATE OF PENDING LIST: 12/19/89
DATE OF 16TH DAY: 1/04/90 DATE OF 45TH DAY: 1/19/90
DATE OF WEEKLY LIST:

REFERENCE NUMBER: 89002250

NOMINATOR: STATE

REASONS FOR REVIEW:

APPEAL: N DATA PROBLEM: N LANDSCAPE: N LESS THAN 50 YEARS: N
OTHER: N PDIL: N PERIOD: N PROGRAM UNAPPROVED: N
REQUEST: N SAMPLE: N SLR DRAFT: N NATIONAL: N

COMMENT WAIVER: N

ACCEPT RETURN REJECT 1/18/90 DATE

Entered in the
National Register

ABSTRACT/SUMMARY COMMENTS:

RECOM./CRITERIA _____
REVIEWER _____
DISCIPLINE _____
DATE _____

DOCUMENTATION see attached comments Y/N see attached SLR Y/N

CLASSIFICATION

count resource type

STATE/FEDERAL AGENCY CERTIFICATION

FUNCTION

historic current

DESCRIPTION

architectural classification
 materials
 descriptive text

SIGNIFICANCE

Period Areas of Significance--Check and justify below

Specific dates Builder/Architect
Statement of Significance (in one paragraph)

summary paragraph
 completeness
 clarity
 applicable criteria
 justification of areas checked
 relating significance to the resource
 context
 relationship of integrity to significance
 justification of exception
 other

BIBLIOGRAPHY

GEOGRAPHICAL DATA

acreage verbal boundary description
 UTM's boundary justification

ACCOMPANYING DOCUMENTATION/PRESENTATION

sketch maps USGS maps photographs presentation

OTHER COMMENTS

Questions concerning this nomination may be directed to

_____ Phone _____

Signed _____

Date _____



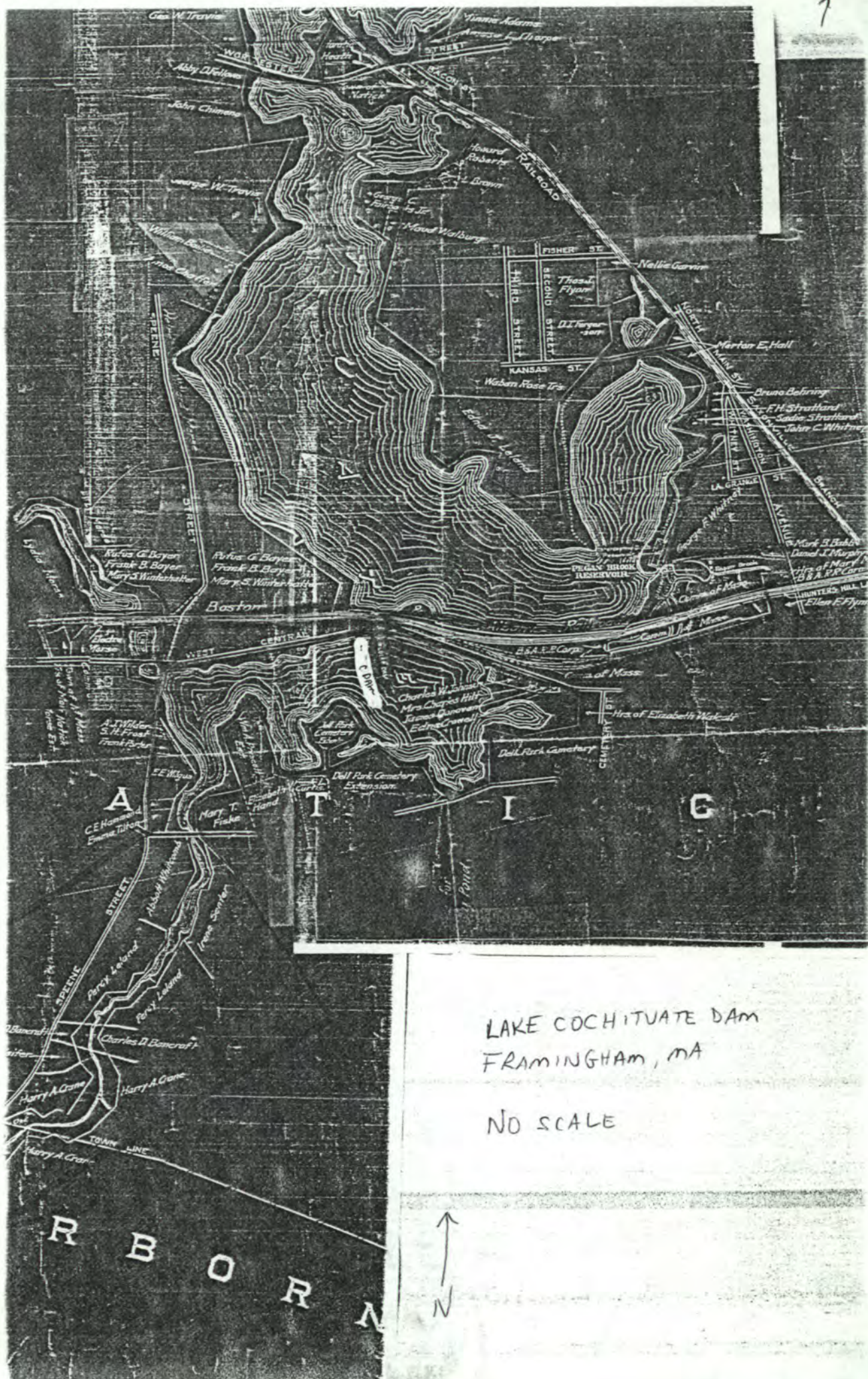
MDC - TRA, MASS.

Lake Cochituate ODM, Framingham, MA.

Jane Carolan / Martha Bowers 1984

Lou's Berger & Ass.

Water Supply System of Metropolitan Boston, MA.



LAKE COCHITUATE DAM
FRAMINGHAM, MA

NO SCALE



R
B
O
R
N

Please refer to the map in the
Multiple Property Cover Sheet
for this property

Multiple Property Cover Sheet Reference Number: 64500254