

# Massachusetts Cultural Resource Information System

## Scanned Record Cover Page

<b>Inventory No:</b>	SBR.915
<b>Historic Name:</b>	Wachusett Aqueduct Open Channel Lower Control Dam
<b>Common Name:</b>	
<b>Address:</b>	Flagg Rd
<b>City/Town:</b>	Southborough
<b>Village/Neighborhood:</b>	
<b>Local No:</b>	8-8
<b>Year Constructed:</b>	
<b>Architect(s):</b>	
<b>Architectural Style(s):</b>	
<b>Use(s):</b>	Other Engineering; Utilities Other
<b>Significance:</b>	Engineering
<b>Area(s):</b>	SBR.G: Wachusett Aqueduct Linear District sbr.i: Water Supply System of Metropolitan Boston
<b>Designation(s):</b>	Nat'l Register District (1/18/1990); Nat'l Register TRA (1/18/1990)
<b>Building Materials(s):</b>	



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Commonwealth of Massachusetts  
Massachusetts Historical Commission  
220 Morrissey Boulevard, Boston, Massachusetts 02125  
[www.sec.state.ma.us/mhc](http://www.sec.state.ma.us/mhc)

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NR DIS/TRA 1/18/90

FORM F - STRUCTURE

MASSACHUSETTS HISTORICAL COMMISSION  
Office of the Secretary, State House, Boston

P1-Ø  
USGS-MARL

In Area no. <u>8-1</u> <u>I, G</u>	Form no. <u>8-8</u> <u>915</u>
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1. Town Southborough

Address Flagg Road

Name Lower Dam, Wachusett Open Channel

Present use Control Dam

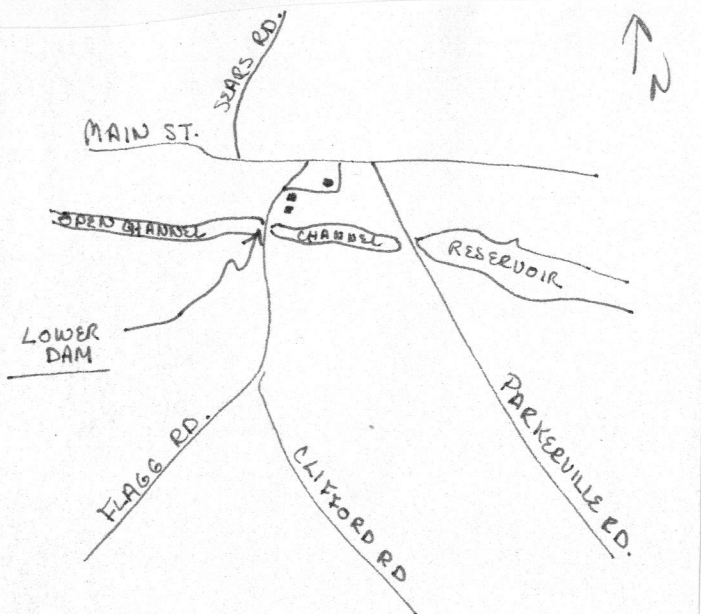
Present owner MDC-Boston

3. Type of structure (check one)

bridge	_____	pound	_____
canal	_____	powder house	_____
dam	<u>x</u>	street	_____
fort	_____	tower	_____
gate	_____	tunnel	_____
kiln	_____	wall	_____
lighthouse	_____	windmill	_____

other \_\_\_\_\_

4. Map. Draw sketch of structure location in relation to nearest cross streets, buildings, other structures, natural features. Indicate north.



5. Description

Date 1896-7

Source Metro. Water Board, 2nd

Annual Report (1897): 54

Construction material concrete, granite

Dimensions 109' channel width, 9' high spillway indent 20'

Setting semi-rural, near former Burnett House and Deerfoot Farm

Condition excellent

6. Recorded by M.H. Bowers

Organization Louis Berger & Assoc.

Date March 1984

DO NOT WRITE IN THIS SPACE USGS Quadrant _____
MHC Photo no. _____

(over)

7. Original owner (if known) Metropolitan Water Board

Original use Control Dam

Subsequent uses (if any) and dates \_\_\_\_\_

8. Historical significance

This is one of two small control dams built in the open channel of the Wachusett Aqueduct, leading into Sudbury Reservoir. These dams maintain a 5-6' depth in the channel and slow the flow of water so that riprap is not necessary along the channel. The indented or offset spillway allows more water to flow over the dam than would be the case if the structure were straight.

The dam is located directly above the Flagg Street Bridge, and near the stone house, mill and associated structures once known as Deer Foot Farm. It is of cut granite construction on a concrete base, with metal stanchions for flashboards.

9. Bibliography and/or references such as local histories, deeds, assessor's records, early maps, etc.

MDC Drawing Files, Case 19, Drawers 51, 53

MWB Contract with Moulton and O'Mahoney, 22 Sept. 1896