

CONTENTS

Acknowledgements	i
Executive Summary	ix
Chapter 1: INTRODUCTION	1
Overview	1
1. General Site Description	1
2. Surrounding Areas	2
3. Issues and Opportunities	3
Project Methodology	3
1. Composition of Consultant Team	3
2. Planning Area	3
3. Public Process	3
Chapter 2: SUMMARY HISTORY AND SIGNIFICANCE	5
Historical Overview	5
Prehistoric Site Potential	7
Historical Significance	8
1. Current Designations	8
2. Contributing Resources	9
3. Potential New Areas of Landscape Significance	9
4. Integrity	10
5. Non-historic Additions	11
Chapter 3: INVENTORY AND ANALYSIS	13
Introduction	13
Natural Resources	13
1. Surficial Geology	14
2. Habitat Types	14
a. Upland Forest	14
b. Successional Shrub Upland	15
c. Open Water Reservoir	16

3. Invasive Exotic Species	16
a. Oriental Bittersweet	16
b. Black Locust	16
c. Norway Maple	17
d. European Buckthorn	17
e. Multiflora Rose	17
f. Purple Loosestrife	17
g. Garlic Mustard	17
h. Poison Ivy	18
4. Habitat Diversity and Value	18
a. Habitat Diversity	18
b. Habitat Site Context	18
Cultural and Recreational Resources	18
1. Cultural Landscape	19
2. Reservoir and Dam	19
3. Gatehouse #1 Area	20
a. Entry Road	20
b. Gatehouse #1 Structure	20
c. Walls and Stairways	22
4. Other Buildings and Structures	22
a. Gatehouse #2	22
b. Intermediate (Cochituate) Gatehouse	23
c. Reilly Memorial Pool and Rink	23
d. Freestanding Walls	23
e. Retaining Walls	24
f. Overlook	25
5. Vegetation	26
a. General Character	26
b. Community Garden	27
6. Vehicular Circulation	28
a. Chestnut Hill Driveway	28
b. Saint Thomas More Road	29
c. Parking	29
7. Pedestrian Circulation	30
a. Reservoir Perimeter Path	31
b. Outer Path	32
c. Other Paths, Sidewalks and Cross-walks	32
8. Site Furnishings and Small-scale Features	33
a. Perimeter Fence	33
b. Other Fences and Gates	36
c. Lights	37
d. Benches	37
e. Trash Receptacles	39
f. Playground	39
g. Signage	39
h. Overflow Pipe	39
Management Resources	40
1. Uses	40
2. Reilly Pool/Rink	40
Analysis of Surrounding Land Uses	40
1. Boston College	41

2. Waterworks Park LLC	41
3. Public Transportation and Neighborhood Access	42
4. Cleveland Circle	42
5. Property Issues	42
a. Chestnut Hill Park	42
b. Permits	42
c. Encroachments	42
Operations and Maintenance	43
1. DCR Management Structure	43
2. Joint Management with MWRA	44
3. Maintenance	44
a. Mowing	45
b. Vegetation Management	45
c. Snow Removal	45
4. Staffing and Budget	46
5. Volunteer Groups	46
6. DCR Financial Information	46
7. Park Regulations	46
a. Law Enforcement	46
b. DCR Ranger	47
8. Permit Program	47
 Chapter 4 Resource Protection Guidelines and Regulatory Procedures	 49
Historical Designations and Treatment Standards	49
1. National Register of Historic Places (NR)	49
a. Secretary of the Interior's Standards	50
b. NR Regulatory Compliance	50
2. Boston Landmarks Commission (BLC)	51
Water Resource Protection	51
1. Boston Conservation Commission (BCC)	51
2. Cooperation with MWRA	51
Interagency Agreements	52
 Chapter 5 Recommendations	 53
General Recommendations	53
1. Management Goals	53
2. Preservation Treatment	54
3. Recommended Treatment	54
a. Reservation Treatment	54
b. Restoration Zone	55
4. Land Stewardship Zoning Guidelines	56
a. Applicable Land Stewardship Zones	56
b. Significant Feature Overlays – Cultural Resource Overlay	57
c. Zone 1	58
d. Zone 2 - Reservoir Landscape and Woodland	58
e. Zone 3 - Roads and Reilly Rink/Pool Area	59
Site-Specific Recommendations	59
Natural Resource Recommendations	59
Cultural and Recreational Resource Recommendations	61

1. Cultural Landscape	61
2. Reservoir and Dam	61
3. Area of Gatehouse #1	62
4. Other Buildings and Structures	63
a. Intermediate (Cochituate) Gatehouse	63
b. Gatehouse #2	63
c. Reilly Memorial Pool and Rink	63
d. Freestanding Walls	63
e. Retaining Walls	64
f. Overlook	64
5. Vegetation	64
6. Vehicular Circulation	65
a. Chestnut Hill Driveway	65
b. Saint Thomas More Road	67
c. Parking	67
d. Pedestrian Circulation	67
7. Site Furnishing and Small Scale Features	70
a. Perimeter Fence	70
b. Other Site Fences	71
c. Lights	71
d. Benches	72
e. Trash Receptacles	72
f. Playground	72
g. Signage	72
h. Overflow pipe	72
Management Resources Recommendations	73
1. Recreational Uses	73
2. Reilly Memorial Pool and Rink	73
3. Surrounding Land Uses and Property Issues	73
4. Operations and Maintenance	74
5. Park Staff	75
6. Law Enforcement	75
7. Regulations	75
Recommendations for Further Study	75
 Chapter 6 Implementation Strategy	 77
Introduction	77
Recommended Capital Improvements Implementation Strategy and Priorities	77
1. High Priority Category	78
2. Medium Priority Category	79
3. Low Priority Category	80
Five Year Capital Program	81
Early Action Project	81
Management Recommendations Implementation Strategy and Priorities	82
1. High Priority Category	82
2. Medium Priority Category	82
3. Low Priority Category	82

Chapter 7 Operations Plan	85
Introduction	85
DCR Management Structure	86
Management Levels and Associated Costs	86
1. Level 1 – Baseline	86
2. Level 2 – Improved	86
3. Level 3 – Enhanced	86
Maintenance Zones	87
Maintenance Agreements	88
Operational Costs	88
Capital Costs	88
Memorial and Commemorative Gifts DCR Reservation	88
Part Event Permitting	88
Other Agreements	89
 Chapter 8 Partnerships	 91
Introduction	91
Partnerships for Parks	91
Partnership Opportunities at Chestnut Hill Reservation	92
1. Fundraising	92
a. Annual Operating Costs	92
b. Capital Campaigns	92
c. Memorial Bench Program	92
d. Grants	92
2. Organizing Volunteers	92
a. Maintenance	92
b. Events	93
c. Programs (visitor education and outreach)	93
3. Design, Planning, and Construction of Capital Improvements	93
4. Marketing and Public Outreach	93
5. Programming	93
a. Recreation	93
b. Arts/Cultural Programming	93
c. Environmental Education	93
6. Advocacy	93
7. Remedial Maintenance	94
a. Annual Volunteer “Clean Up” Day	94
b. Funding	94
c. Contracting for Services	94
8. Routine Maintenance	94
9. Security	94
Guidelines for Partnerships at Chestnut Hill Reservation	94
Waterworks Community Benefits Funds and the OPP “Fix It first” Program	95

BIBLIOGRAPHY	97
Published and Unpublished Sources Specific to Chestnut Hill Reservation	97
Natural Resources Sources	98
Other Sources	99
List of Repositories Consulted and Outcome	100

APPENDICES

Appendix A Resource Management Plan Legislation	A.1
Appendix B Public Process	B.1
Appendix C Annotated Chronology and Statement of Significance	C.1
Appendix D DCR Rules and Regulations	D.1
Appendix E Maintenance Standards	E.1
Appendix F Plans	F.1
Maintenance Plan	
Site Context and Open Space	
Extant Historic Features Diagram	

36x48 Plans

Site Survey	
Existing Site Inventory Analysis Plan	
Site Treatment Recommendations Plan	
Existing Large Caliper Tree Inventory Plan	