

NOTICE OF INTENT

for

WaterGoat Pilot Project Muddy River, Back Bay Fens



Prepared for:

Muddy Water Initiative
Boston, Massachusetts

Prepared by:

Cassandra Koutalidis, P.E.
29 Crystal Street
Melrose, Massachusetts

February 2020

February 2020

Boston Conservation Commission
Boston City Hall
1 City Hall Square, Room 709
Boston, MA 02201

Re: Notice of Intent for Watergoat Pilot Project
Applicant: Muddy Water Initiative

Dear Conservation Commission Members:

On behalf of the Muddy Water Initiative (MWI), I am pleased to submit this Notice of Intent (NOI) for the proposed pilot deployment of a surface water trash collection boom manufactured by Big Water Rescue and branded as WaterGoat.

The WaterGoat is proposed to be attached to 2-inch diameter posts on each bank of the river and deployed on the Muddy River just upstream of the Ipswich Street Bridge, to serve as a passive trash collection device that will support the Department of Conservation and Recreation (DCR) and City of Boston in their efforts to enhance the overall health of the river and the wildlife it supports.

The proposed WaterGoat pilot period is for three years, on a seasonal basis. That is, the boom would be installed in early June and removed in late October. Trained MWI staff, consultants, contractors and volunteers will install the boom, monitor trash accumulation, remove accumulated trash, and remove/repair the boom as needed.

We look forward to discussing this project with you at your next scheduled public hearing. Please feel free to call the undersigned at (617) 710-9449 or write to c.koutalidis@gmail.com with any questions or to schedule a site visit.

Sincerely,



Cassandra Koutalidis, P.E.
Koutalidis Civil Design Services

Copy: DEP NERO
MWI



NOTICE OF INTENT CONTENTS

This Notice of Intent is submitted pursuant to the Massachusetts Wetlands Protection Act (WPA) and the Boston Conservation Commission Wetlands Ordinance. It contains the following:

- WPA Form 3 – Notice of Intent
- WPA Wetland Fee Transmittal Form
- Boston NOI Form
- Supplemental Information

Project Description and Proposed Mitigation

USGS Quadrangle Map (Figure 1)

Wetlands and Filled Tideland Map (Figure 2)

FEMA Floodplain Map (Figure 3)

Project Plan – Plan Showing Proposed WaterGoat – Aerial Photo (Figure 4)

Wetlands Field Data Forms and NRCS Soils Map

Erosion Control Blanket Installation Details

WaterGoat Information

DCR Letter of Support

Affidavit of Service, Notification to Abutters, and Abutters List (See note below)

Project Plans – Site Plan and Cross Section, Existing and Proposed

Note: Certificate of Mailing to be provided to the BCC under separate cover



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

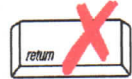
Document Transaction Number

Boston

City/Town

Important:

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

4 - 8 Boylston Street (Muddy River)

a. Street Address

Boston

b. City/Town

02116

c. Zip Code

Latitude and Longitude:

42-21-12

d. Latitude

71-6-7

e. Longitude

Ward 5, Sect. 9 (Former Assessors Maps)

f. Assessors Map/Plat Number

0504175002

g. Parcel /Lot Number

2. Applicant:

Caroline

a. First Name

Reeves, PhD

b. Last Name

Muddy Water Initiative

c. Organization

P.O. Box 990906

d. Street Address

Boston

e. City/Town

MA

f. State

02199

g. Zip Code

617--488-2388

h. Phone Number

i. Fax Number

caroline.b.reeves@icloud.com

j. Email Address

3. Property owner (required if different from applicant): Check if more than one owner

Priscilla

a. First Name

Geigis

b. Last Name

Department of Conservation and Recreation

c. Organization

251 Causeway Street

d. Street Address

Boston

e. City/Town

MA

f. State

02114

g. Zip Code

617-626-1250

h. Phone Number

617-626-1351

i. Fax Number

priscilla.geigis@state.ma.us

j. Email address

4. Representative (if any):

Cassandra

a. First Name

Koutalidis, PE

b. Last Name

c. Company

29 Crystal Street

d. Street Address

Melrose

e. City/Town

MA

f. State

02176

g. Zip Code

617-710-9449

h. Phone Number

i. Fax Number

c.koutalidis@gmail.com

j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

110 - Category 1

a. Total Fee Paid

42.50

b. State Fee Paid

50 - City maximum charge

c. City/Town Fee Paid



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Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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MassDEP File Number

Document Transaction Number

Boston

City/Town

A. General Information (continued)

6. General Project Description:

The proposed project is the installation of a trash collection boom known as a WaterGoat. Please see narrative for further description

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- | | |
|---|---|
| 1. <input type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Commercial/Industrial | 4. <input type="checkbox"/> Dock/Pier |
| 5. <input type="checkbox"/> Utilities | 6. <input type="checkbox"/> Coastal engineering Structure |
| 7. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) | 8. <input type="checkbox"/> Transportation |
| 9. <input checked="" type="checkbox"/> Other | |

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. Yes No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

Suffolk

a. County

n/a

c. Book

b. Certificate # (if registered land)

n/a

d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
- Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Boston

City/Town

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input checked="" type="checkbox"/> Bank	8 sf ttl for boom and cables 1. linear feet	0 2. linear feet
b. <input checked="" type="checkbox"/> Bordering Vegetated Wetland	5 1. square feet	0 2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet 3. cubic yards dredged	2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input checked="" type="checkbox"/> Bordering Land Subject to Flooding	10 1. square feet 2.5 (for cable) 3. cubic feet of flood storage lost	0 2. square feet 0 - seasonal placement 4. cubic feet replaced

e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet 2. cubic feet of flood storage lost	3. cubic feet replaced
---	---	------------------------

f. <input checked="" type="checkbox"/> Riverfront Area	Muddy River - inland 1. Name of Waterway (if available) - specify coastal or inland	
--	---	--

2. Width of Riverfront Area (check one):

25 ft. - Designated Densely Developed Areas only

100 ft. - New agricultural projects only

200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: 20 square feet

4. Proposed alteration of the Riverfront Area:

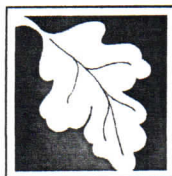
20 (anchors and cables) 20 0
a. total square feet b. square feet within 100 ft. c. square feet between 100 ft. and 200 ft.

5. Has an alternatives analysis been done and is it attached to this NOI? Yes No

6. Was the lot where the activity is proposed created prior to August 1, 1996? Yes No

3. Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Note: for coastal riverfront areas, please complete **Section B.2.f.** above.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Boston

City/Town

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
 Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	_____	
	1. square feet	

	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	_____	_____
	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	_____	_____
	1. square feet	2. cubic yards dune nourishment
	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	_____	
	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	_____	
	1. square feet	
h. <input type="checkbox"/> Salt Marshes	_____	_____
	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	_____	
	1. square feet	

	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	_____	
	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	

	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	_____	
	1. square feet	
4. <input type="checkbox"/> Restoration/Enhancement	If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.	
	_____	_____
	a. square feet of BVW	b. square feet of Salt Marsh
5. <input type="checkbox"/> Project Involves Stream Crossings		
	_____	_____
	a. number of new stream crossings	b. number of replacement stream crossings



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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MassDEP File Number

Document Transaction Number

Boston

City/Town

C. Other Applicable Standards and Requirements

- This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

- a. Yes No

If yes, include proof of mailing or hand delivery of NOI to:

Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

Aug 1 2017 Map

b. Date of map

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); *OR* complete Section C.2.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

- c. Submit Supplemental Information for Endangered Species Review*

1. Percentage/acreage of property to be altered:

(a) within wetland Resource Area

percentage/acreage

(b) outside Resource Area

percentage/acreage

2. Assessor's Map or right-of-way plan of site

2. Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

(a) Project description (including description of impacts outside of wetland resource area & buffer zone)

(b) Photographs representative of the site

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/>). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number
Document Transaction Number
Boston
City/Town

C. Other Applicable Standards and Requirements (cont'd)

(c) MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_fee_schedule.htm). Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

(d) Vegetation cover type map of site

(e) Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

1. Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. Separate MESA review ongoing. a. NHESP Tracking # _____ b. Date submitted to NHESP _____

3. Separate MESA review completed. Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

a. Not applicable – project is in inland resource area only b. Yes No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

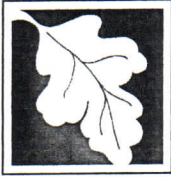
South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: DMF.EnvReview-South@state.ma.us

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: DMF.EnvReview-North@state.ma.us

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number

Document Transaction Number

Boston

City/Town

C. Other Applicable Standards and Requirements (cont'd)

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
- a. Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
- b. ACEC
5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
- a. Yes No
6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
- a. Yes No
7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
- a. Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
 2. A portion of the site constitutes redevelopment
 3. Proprietary BMPs are included in the Stormwater Management System.
- b. No. Check why the project is exempt:
1. Single-family house
 2. Emergency road repair
 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

- This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. Plans identifying the location of proposed activities (including activities proposed to serve as a **Bordering Vegetated Wetland [BVW]** replication area or other mitigating measure) relative to the boundaries of each affected resource area.

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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City/Town

D. Additional Information (cont'd)

3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
4. List the titles and dates for all plans and other materials submitted with this NOI.
Incl. Fig. 1, USGS; Fig 2, Wetlands; Fig. 3, FEMA FIRM; Project Plans and Site Plans
- | | | |
|---|--|----------------------------|
| a. Plan Title | | |
| <u>Cassandra Koutalidis, P.E.</u> | | <u>Robert Marini, P.E.</u> |
| b. Prepared By | | c. Signed and Stamped by |
| <u>as noted on figures and site plans</u> | | <u>as noted</u> |
| d. Final Revision Date | | e. Scale |
| <u>see attached</u> | | <u>Varies</u> |
| f. Additional Plan or Document Title | | g. Date |
5. If there is more than one property owner, please attach a list of these property owners not listed on this form.
6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
8. Attach NOI Wetland Fee Transmittal Form
9. Attach Stormwater Report, if needed.

E. Fees

1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

<u>1215</u>	<u>11/20/19</u>
2. Municipal Check Number	3. Check date
<u>1214</u>	<u>11/19/19</u>
4. State Check Number	5. Check date
<u>Cassandra</u>	<u>Koutalidis</u>
6. Payor name on check: First Name	7. Payor name on check: Last Name



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Boston

City/Town

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant

3. Signature of Property Owner (if different)

5. Signature of Representative (if any)

2. Date

4. Date

6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a copy of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

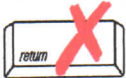
If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Applicant Information

1. Location of Project:

4-8 Boylston (Muddy River)

a. Street Address

1214

c. Check number

Boston

b. City/Town

110

d. Fee amount

2. Applicant Mailing Address:

Caroline

a. First Name

Muddy River Initiative

c. Organization

P.O. Box 990906

d. Mailing Address

Boston

e. City/Town

617-488-2388

h. Phone Number

i. Fax Number

MA

f. State

02199

g. Zip Code

caroline.b.reeves@icloud.com

j. Email Address

3. Property Owner (if different):

Priscilla

a. First Name

Dept. of Conservation and Recreation

c. Organization

251 Causeway Street

d. Mailing Address

Boston

e. City/Town

617-626-1250

h. Phone Number

617-626-1251

i. Fax Number

MA

f. State

02114

g. Zip Code

priscilla.geigis@mass.gov

j. Email Address

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

B. Fees

Fee should be calculated using the following process & worksheet. **Please see Instructions before filling out worksheet.**

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
1(d) water quality improvement	1	110	110

Step 5/Total Project Fee: 110

Step 6/Fee Payments:

Total Project Fee:	110
State share of filing Fee:	42.50
City/Town share of filling Fee:	50.00 (Per BCC - value is \$12,000)

C. Submittal Requirements

a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
 Box 4062
 Boston, MA 02211

b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)



A. GENERAL INFORMATION

1. Project Location

4-8 Boylston Street Boston 02116
a. Street Address b. City/Town c. Zip Code
Ward 5 0504175002 (Parcel ID)
f. Assessors Map/Plat Number

2. Applicant

Caroline Reeves Muddy Water Initiative
a. First Name b. Last Name c. Company
P.O. Box 990906
d. Mailing Address
Boston MA 02199
e. City/Town f. State g. Zip Code
617-488-2388 n/a Caroline.b.reeves@icloud.com
h. Phone Number i. Fax Number j. Email address

3. Property Owner

Priscilla Geigis MA Dept. of Conservation & Recreation
a. First Name b. Last Name c. Company
251 Causeway St
d. Mailing Address
Boston MA 02114
e. City/Town f. State g. Zip Code
617-626-1250 617-626-1351 priscilla.geigis@state.ma.us
h. Phone Number i. Fax Number j. Email address

Check if more than one owner

(If there is more than one property owner, please attach a list of these property owners to this form.)

4. Representative (if any)

Cassandra Koutalidis, P.E.
a. First Name b. Last Name c. Company
29 Crystal St
d. Mailing Address
Melrose MA 02176
e. City/Town f. State g. Zip Code
617-710-9449 n/a c.koutalidis@gmail.com
h. Phone Number i. Fax Number j. Email address



5. Is any portion of the proposed project jurisdictional under the Massachusetts Wetlands Protection Act M.G.L. c. 131 §40?

Yes No

If yes, please file the WPA Form 3 - Notice of Intent with this form

6. General Information

The proposed WaterGoat Pilot project is a trash collection boom designed to improve water quality in the Muddy River; it would be deployed on a seasonal basis. Please see project narrative for further information.

7. Project Type Checklist

- a. Single Family Home
- b. Residential Subdivision
- c. Limited Project Driveway Crossing
- d. Commercial/Industrial
- e. Dock/Pier
- f. Utilities
- g. Coastal Engineering Structure
- h. Agriculture – cranberries, forestry
- i. Transportation
- j. Other

8. Property recorded at the Registry of Deeds

Suffolk

a. County

n/a

b. Page Number

n/a

c. Book

n/a

d. Certificate # (if registered land)

B. BUFFER ZONE & RESOURCE AREA IMPACTS

Buffer Zone Only - Is the project located only in the Buffer Zone of a resource area protected by the Boston Wetlands Ordinance?

Yes No

1. Coastal Resource Areas – N/A

Resource Area

Coastal Flood Resilience Zone

Resource Area Size

Square feet

Proposed Alteration*

Square feet

Proposed Mitigation

Square feet



- 25-foot Waterfront Area

Square feet

Square feet

Square feet

2. Inland Resource Areas

Resource Area

Resource Area Size

Proposed Alteration*

Proposed Mitigation

- Inland Flood Resilience Zone

0

Square feet

Square feet

Square feet

- Isolated Wetlands

0

Square feet

Square feet

Square feet

- Vernal Pool

0

Square feet

Square feet

Square feet

- Vernal Pool Habitat (vernal pool + 100 ft. upland area)

0

Square feet

Square feet

Square feet

- 25-foot Waterfront Area

20

Square feet

<0.5

Square feet

0

Square feet

C. OTHER APPLICABLE STANDARDS & REQUIREMENTS

1. Is any portion of the proposed project located in Estimated Habitat of Rare Wildlife as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the Massachusetts Natural Heritage Atlas or go to <http://www.mass.gov/dfwele/dfw/nhesp/nhregmap.htm>.

- Yes No

If *yes*, the project is subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18).

A. Submit Supplemental Information for Endangered Species Review

- Percentage/acreage of property to be altered:

(1) within wetland Resource Area

percentage/acreage

(2) outside Resource Area

percentage/acreage

- Assessor's Map or right-of-way plan of site

2. Is the proposed project subject to provisions of the Massachusetts Stormwater Management No-
3. Is any portion of the proposed project within an Area of Critical Environmental Concern?

- Yes No



4. Is the proposed project subject to provisions of the Massachusetts Stormwater Management Standards?

- Yes. Attach a copy of the Stormwater Checklist & Stormwater Report as required.
 - Applying for a Low Impact Development (LID) site design credits
 - A portion of the site constitutes redevelopment
 - Proprietary BMPs are included in the Stormwater Management System
- No. Check below & include a narrative as to why the project is exempt
 - Single-family house
 - Emergency road repair
 - Small Residential Subdivision (less than or equal to 4 single family houses or less than or equal to 4 units in a multifamily housing projects) with no discharge to Critical Areas

No storm water discharge

5. Is the proposed project subject to Boston Water and Sewer Commission Review?

- Yes
- No

D. SIGNATURES AND SUBMITTAL REQUIREMENTS

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the Wetlands Protection Ordinance.

Carolyn Reeves
Signature of Applicant

2/15/20
Date

[Signature]
Signature of Property Owner (if different)

2/13/2020
Date

Camilla Katalidis
Signature of Representative (if any)

2/17/20
Date



NOTICE OF INTENT - SUPPLEMENTAL INFORMATION



Project Narrative

1.0 Introduction and Background

The following paragraphs in this section (1.0 through 1.2) are excerpted from the flood control and environmental restoration project's (Phase 1 and Phase 2) NOIs for the Muddy River.

The Muddy River is a small tributary of the Charles River located within the municipalities of Boston, Brookline and Newton. The river channel forms the boundary between Boston and Brookline for almost its entire length. It originates at Jamaica Pond (a 68-acre spring-fed "kettle" pond) flowing north through a series of ponds (Wards Pond, Willow Pond, Leverett Pond, and the Back Bay Fens) for approximately 2.9 miles before entering the Charles River Basin. The reach between Leverett Pond and the Back Bay Fens is known as the "Riverway". Prior to construction of the original Charles River Dam (ca. 1910) the lower Charles River and the Muddy River (upstream to Leverett Pond) were tidally influenced. The Muddy River watershed has a drainage area of 5.6 square miles. Approximately 70 percent of the watershed is developed.

The elevations in the Muddy River Basin range from approximately 290 ft. above North American Vertical Datum 1988 (NAVD88) in the western part of the basin in Newton to slightly under 10 ft. NAVD88 at the confluence of the Muddy River with the Charles River in Boston. There are small hills scattered throughout the upper basin with flat lands prevailing in the filled-in Back Bay portion of Boston. The basin is heavily urbanized.

The portion of the Muddy River where the project lies is the Back Bay Fens (or Fens). The Fens are a series of shallow ponds located between the Riverway and the Charlesgate section of the Muddy River. The Fens are all that remains of the 750-acre Back Bay of the Charles River which was filled in the mid-nineteenth century. The area was further modified by Frederick Law Olmsted in the 1890s to become part of the Emerald Necklace. The Fens as created by Olmsted have been greatly altered over the last century. For instance the area was a tidal marsh until about 1910 when a dam created the Charles River Basin and all but eliminated tidal influence. Various other endeavors encroached upon open water and intruded on parklands through the 1970s.

The Muddy River enters the Charles River Basin, approximately 2.2 miles upstream from the Charles River Dam. During dry weather, the water level in the Fens fluctuates daily as a result of the MA DCR operation of the Charles River Dam. The daily fluctuations are often evident at the United States Geological Survey (USGS) gage near Netherlands Avenue Bridge in the Riverway. After the Muddy River Conduit and the new Brookline Avenue culvert constructed under a recent project, the Muddy River enters the Upper Fens Pond and its new day-lighted section upstream of Avenue Louis Pasteur.

According to the project narrative in the Phase 2 Muddy River Restoration Project, the Back Bay Fens is approximately 1.5 miles long and discharges to the Charles River just above the Massachusetts Avenue Bridge at the Charlesgate interchange. The total existing water surface area of the Fens today is about 20 acres, including 1.6 acres restored via daylighting of the river during Phase 1 of the same project. Water depth generally ranges from 2 to 4 feet, and boring information indicates a depth of 4.5 feet immediately upstream of the Ipswich Street Bridge (the Project Area). The Muddy River flows from the lower fens to



the Charlesgate section of the river, where it enters the Charles River Basin through a submerged conduit. Flow is sluggish and the water level is influenced by water levels in the Charles River Basin, which is controlled by operation of the Charles River Dam. Streamflow data for the river in the project location is not available, although there is a USGS gaging station near Netherlands Road in Brookline.

1.1 Wildlife

Waters in the Muddy River are currently classified as Class B (CSO) according to the Massachusetts Department of Environmental Protection (MA DEP), although in most locations it does not achieve that level. Class B waters are considered acceptable for bathing and other recreational purposes, protection and propagation of fish, other aquatic life and wildlife, and after adequate treatment, for use as water supplies. In addition, the Muddy River has been classified by DEP as a warm water fishery. Massachusetts Class B standards require that waters shall be free of floating oils, grease, petrochemicals, **and pollutants that form objectionable deposits or nuisances.**

Community types (habitat) in the Muddy River study area were mapped by USACE (2003). The entire Muddy River study area includes about 40 acres of wetland habitat and 120 acres of upland habitat. As natural areas linked together in a highly urbanized setting, Jamaica Park, Olmsted Park comprised of Wards Pond, Spring Pond, the Babbling Brook, Willow Pond and Leverett Pond, the Riverway, and the Back Bay Fens provide extremely valuable wildlife habitat in a local landscape context.

Numerous birds, mammals, amphibians, and reptiles are known to occur in the Fens and vicinity (USACE, 2003). The area supports resident (breeding) populations of many bird species and provides a valuable refuge for songbirds, wading birds, and waterfowl migrating through the Boston area. A large population of ducks, mostly black duck/ mallard hybrids, is present in the Fens throughout the year. Canada geese are also abundant. Painted turtle, snapping turtle, and red eared sliders (a non-native species) are common in the Fens. Fish likely to be present in the project area include common carp, golden shiner, bluegill, brown bullhead, and goldfish. Common carp, and to a lesser extent the other dominant species, are tolerant of periodic exposure to low dissolved oxygen concentrations. Blueback herring have been known to occur in Muddy River since the 1990s and were observed in the river during Phase 1 construction. Spawning habitat in the Muddy River is thought to be located at the southern end of Leverett Pond near the discharge of Babbling Brook. Freshwater mussels including the common eliptio (*Elliptio complanata*) are abundant.

The Charles River and its tributaries once supported excellent runs of American shad, alewife, blueback herring, smelt, sea bass, and Atlantic salmon. These runs were virtually eliminated in the twentieth century by numerous dams which blocked access to spawning grounds and by poor water quality in the lower Charles River. Efforts to restore anadromous fish runs in the Charles River have been underway for many years. Passage facilities have been built or improved at several dams upstream of the Charles River Dam. The river currently has one of the most productive blueback herring fisheries in Massachusetts.

Blueback herring have been known to occur in Muddy River since the 1990s and were observed in the river during recent construction. Spawning habitat in the Muddy River is thought to be located at the southern end of Leverett Pond near the discharge of Babbling Brook. Upon completion of Phase 1, river herring have unimpeded access to Leveret Pond. The Commonwealth of Massachusetts Division of Marine Fisheries has recommended that the Muddy River remain free flowing



during Phase 2 construction between April 1st to June 15th and between September 15th and November 1st, of any year. This restriction was recommended so that blueback herring can complete their spring upstream adult spawning migration and fall downstream out-migration of juveniles.

It is noted that the Project Area is not mapped as priority habitat of rare species or estimated habitat of rare wetlands wildlife (MA NHESP, 2017). No Federally-listed species are known to occur in the study area.

1.2 Water Quality

Water quality conditions within the Muddy River appear to have improved since 1986 when MA DEP completed a water quality survey. However, the improvement has not been sufficient to meet state water quality classification criteria since waters of the Muddy River, with the exception of Jamaica Pond, still do not meet Class B standards. The most significant problem is high fecal coliform levels which can occur for the entire length below Jamaica Pond, followed in order by: low dissolved oxygen levels which occur regularly below the Route 9 bridge; high nutrient levels and associated excessive algal growth problems (significant variations in pH, dissolved oxygen, turbidity, etc.); **high organic, metals, and trash releases from storm drain discharges**; releases of organic acids, odors, and gasses from bottom sludges after dissolved oxygen has been depleted; and occasional accidental oil spills throughout the entire length. **These waters also have occasional problems with floating debris and grease that form objectionable, aesthetic nuisances.**

Water quality of the Muddy River is controlled by numerous factors including: 1) flow regime of the lower Muddy River (i.e., flat gradient of the river and non-varying backwater elevation controlled by Charles River Dam; 2) organic loading from storm drains, illegal sewer connections, and combined sewers; 3) **other pollutant loads (nutrients, heavy metals, oils, floatables) from storm drains and combined sewers**; 4) sediment oxygen demand (SOD); 5) release of nutrients from anaerobic sediment; 6) organic loading from extensive submergent and emergent (Phragmites) vegetation, and leaf fall from deciduous trees and shrubs; 8) waste from geese and ducks; and 9) overland loading of sediment and nutrients from surrounding park lands and erosion from unprotected shoreline.

1.3 Relevant Prior Work

As noted above, a flood control and restoration project occurred within the Muddy River within the past 15 years, divided into two phases: Phases 1 and 2. Phase 1 involved the daylighting of approximately 700 feet of river as well as restoring a portion of the Back Bay Fens known as Upper Fens Pond.

Phase 2 involved dredging and environmental restoration of several segments of the river including the Fens. The purpose of the latter work in the Fens was primarily to improve the flood control function and provide environmental restoration in areas of the Muddy River impacted by the Phase 2 construction. Approximately 71,000 cubic yards of dredging was proposed for flood control. Phase 2 activities included removal of a flood control structure which was stated to be the only remaining significant anthropogenic barrier between the Back Bay Fens and Leveret Pond. Restoration of connectivity is expected to benefit both resident warm water species and blue back herring, an anadromous species which spawns in Leverett Pond.

While the Phase 2 dredging and vegetation management work is proceeding and improving flood capacity, and enhancing the bank and bordering vegetated wetlands, the surface water quality of the

stream of floating debris and trash. The photograph below, taken in June 2019, shows an accumulation of trash and other debris at the entrance to the culverts connecting the open river channel to the Charles River.



It is understood that the Department of Conservation and Recreation (DCR) has an ongoing program to remove debris from the Muddy River, and, according to the agency, DCR has been conducting this activity for more than ten years. Support to DCR is needed, however, particularly if continuous trash removal via a passive floating device could be installed.

2.0 Muddy Water Initiative – Introduction

Formally established in the spring of 2019, the Muddy Water Initiative (MWI) is a grassroots educational and advocacy group for stakeholders focused on climate resilience and storm water management. It is composed of individuals with in-depth experience and passionate energy toward improving the environment. Improved water quality, healthy wildlife habitat, and aesthetics are particular interests of this organization. To this end, MWI is pursuing a surface water quality project for the Muddy River. It has received \$12,000 from the Fiscal Year 2020 Massachusetts state budget for the purchase of a “WaterGoat,” a trash collecting boom and net system, to help clean and beautify the river. The WaterGoat System is the group’s first pilot project to deal with issues of trash and debris floating downstream.

The MWI is working closely with the property owner, the DCR. Former DCR Commissioner Leo Roy approved the WaterGoat project in February of 2019, and his letter of endorsement is enclosed with this application. Recently DCR expressed support via the review of this document and adding their signature to the NOI. The MWI is also collaborating with the Boston Water and Sewer Commission as well as organizations such as the Charles River Watershed Association.



3.0 Proposed Work Within Areas Subject to the Act.

The proposed work involves the placement of a surface trash collection boom on the Muddy River, in a location that is just upstream of the Ipswich Street Bridge in Boston. This location was chosen in consultation with staff from DCR, and is based on river width (approximately 64 feet) and available access for installation, operation and maintenance. The proposed location is outside the limit of work for the Phase 2 restoration project described herein, so there would be no conflict between this project and the Phase 2 work.

The boom will be attached to new earth anchors located within the river bank. The anchors will be approximately 2 inches in diameter and 7 feet in length, driven 4 feet deep to be below the frost layer, and can be installed by equipment such as hand-held post driver, jack hammer, an impact wrench, or other hand-operated equipment. Once the boom is ordered, the WaterGoat manufacturer will provide the specific anchor for the installation (given length, weight, flow rates, etc.); they will install the anchors. As the project is still in the early stages they have not yet provided the design information, but to assist in Commission review the appendix contains information from a local manufacturer regarding two types of anchors that is reported to have been used for similar booms. If the proposed WaterGoat project is approved, the Commission may condition the installation on its written acceptance of the manufacturer-selected anchor system.

Clearing of existing vegetation within the resource area would be minimal and would concentrate on just the small areas surrounding the anchors, if necessary. Unless there is a large bush along the proposed boom's alignment, no clearing of the segment of boom (approximately 10 ft. in length) that lies upon the riverbank should be necessary. While the exact total length of the boom system will depend on coordination with the manufacturer/installer, for the purpose of this Application the total length of boom is estimated to be 100 linear feet (factoring in the creation of a crescent shape).

A description of the chosen technology is below.

3.1 WaterGoat Storm Water Debris Boom

The WaterGoat Storm Water Debris Boom (or WaterGoat) is a buoy and a net system created to catch litter flowing in water systems.

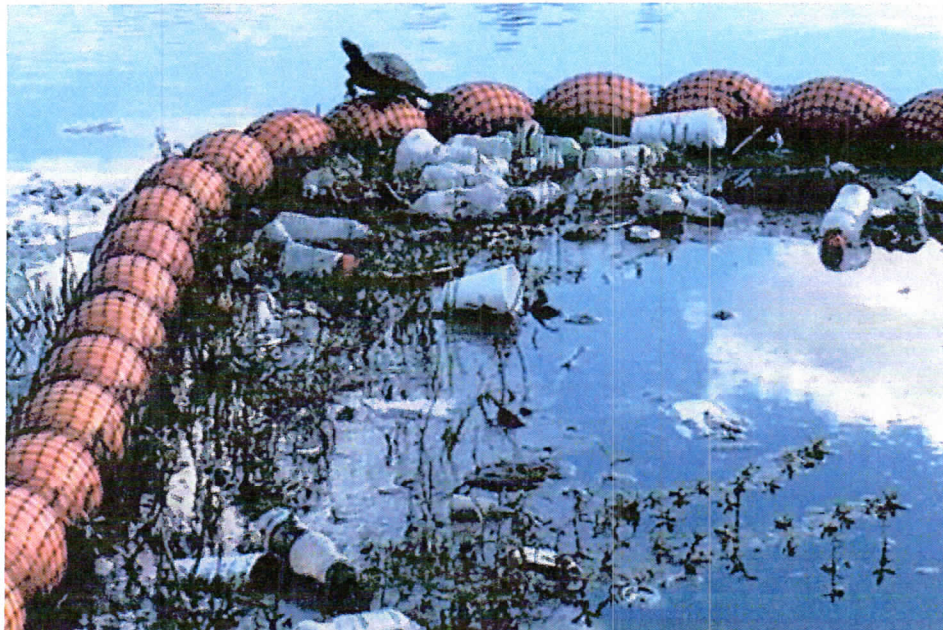
WaterGoat Brand Environmental Tools are based in Crystal River, Florida on the Gulf of Mexico. WaterGoat started officially maintaining the waterways and developing its eco-tools in 2006. To date there are more than 102 WaterGoats in five states preventing trash from entering big waters. According to data collected by the manufacturer, each WaterGoat captures (on average) 118 lbs. of floating debris every month.

The very first WaterGoat started capturing trash in St. Petersburg, Florida. The initial design was refined to become simpler to use and more durable; currently there are four types of WaterGoats for various applications. This includes chemical absorption capabilities and those that meet extremely heavy hold-back port security requirements. The WaterGoat booms have worked well in a variety of locations including lakes, rivers, canals and storm drain outfalls. These trash barriers have survived in harsh conditions and, to date, boast a survival rate of 8 - 10 years.

According to BRW's data, the WaterGoat will allow 94% continuous water flow rates with a structural 1/4" water displacement. The device itself is indestructible and made to survive heavy storms, and it can weather high flows. Netting/skirting is available at two drape-down sizes (8" and 16") to stop floatables without rigid form (meaning trash such as plastic bags). Coated 2-inch diameter vertical chains hang at intermittent spaces – spaced out every couple of buoys - to keep form and aid with organic matter gathering. In shallow water, such as the Muddy River, these chains are located inside the netting. As the netting is intended to not reach the river bottom, the MWI and the manufacturer will verify the water depth at the location of installation and select the most appropriate netting depth for deployment. That said, given a soil boring taken during the Phase 2 project that revealed a river depth of 4.5 feet upstream of the bridge, it is anticipated that the 8" drape-down size will be employed in order to maximize passage for fish and other wildlife. A displacement of 8" allows for a remaining vertical clearance of 3' – 10".

In terms of compatibility with existing wildlife, the WaterGoat is a benign structure that would not disturb or displace wildlife habitat within the river. From the many years of operation and 102 booms deployed, there are no known incidences in which a WaterGoat placement has resulted in the degradation of wildlife habitat or any impediment to specific wildlife species.

In terms of length, in order to function properly a WaterGoat will always need to achieve or assume a crescent shape. This applies both to spanning canals and rivers or attaching to storm water outfalls. The WaterGoat is available in a variety of sizes - the longest so far at 110 ft. - but there is a limit to length as maintenance becomes a concern. Operation and maintenance are always performed from the safety of embankments and tethered cables are provided to pull the device to the shoreline. A photo of a WaterGoat in action is below.





3.2 Operating the WaterGoat

One of the side benefits of the proposed WaterGoat implementation is bringing neighbors and communities together in a planet friendly cause. These tools give people the ability to combat pollution and can provide data driven education for schools and the general public.

The MWI plans to recruit volunteers from existing cleanup organizations such as Keep Massachusetts Beautiful and nearby college student groups who have already expressed strong support and participated in previous cleanup efforts. Volunteers will be carefully trained in safe procedures, supervised, and continually monitored by MWI staff and/or consultants to help install and then operate WaterGoat, remove trash on a prescribed schedule, and collect data. Prior to commencing work, volunteers will be provided appropriate protective gear including puncture-resistant safety gloves and goggles as well as needle collection boxes in case of contact with needles or other items that pose a health risk.

For the first season of operation, the MWI group plans to empty the WaterGoat on a seven (7) to ten (10) day schedule, and then from there assess how often it will need to be emptied. During removal, the boom will be unhooked from the eastern anchor and towed to the western bank of the river using lines that are clipped to the boom. No volunteers will enter the water, and no boats will need to be used. Once the boom has been pulled in, trash will be emptied by hand from the bank and with the use of nets on long poles. Volunteers will place trash in puncture-resistant, heavy duty trash bags or the needle collection boxes as mentioned above, and they will carry the bags to the Ipswich Street sidewalk, taking care to not block pedestrian passage or cause a nuisance. The bags will be retrieved via a pre-arranged pickup by a licensed waste hauler. The waste hauler will dispose of the retrieved trash in accordance with all applicable local, state and federal laws.

Installed in early June after the herring run is complete, the WaterGoat will be removed from the river in late October and stored in the Charlesgate Pump Station, as approved by DCR. The MWI intends to own and operate the WaterGoat as a pilot project for a three year period concurrent to the permit period typically granted under an Order of Conditions. Best procedures will be continuously evaluated and adopted over the three year trial period. MWI will provide DCR with an emergency contact for flood concern or for situations that require immediate response.

Aside from purchasing the WaterGoat itself, MWI has raised the funds to hire a private garbage service for the first two years' operation to haul away and lawfully dispose of all the trash that will be pulled from this location. MWI is currently working with staff within the City of Boston's municipal waste reduction program to identify whether a private waste hauler will step forward and donate their services during the third year of operation. Notwithstanding, MWI will ensure that funds are available to remove trash during the third year of operation.

4.0 Alternatives Analysis

The supports for the WaterGoat trash boom are located within 25 ft. of the Muddy River, which is protected by the Act as Riverfront Area (see Figure 4 in the Appendix for the Riverfront boundary). In accordance with 310 CMR 10.58(3), the river is presumed to be significant to at least one of the eight interests specified in the WPA (e.g. flood storage capacity, wild life habitat). Therefore, this application must demonstrate that there is no practicable or substantially equivalent alternatives to the proposed project with less adverse effects on the interests described in the Act, and that the work will have no



significant adverse impact on the Riverfront Area. Relevant sections of 310 CMR 10.00 are provided below:

According to 310 CMR10.58, The purpose of evaluating project alternatives is to locate activities so that impacts to the riverfront area are avoided to the extent practicable. Projects within the scope of alternatives must be evaluated to determine whether any are practicable. As much of a project as feasible shall be sited outside the riverfront area. If siting of a project entirely outside the riverfront area is not practicable, the alternatives shall be evaluated to locate the project as far as possible from the river.

10.58 (3) Presumption. Where a proposed activity involves work within the riverfront area, the issuing authority shall presume that the area is significant to protect the private or public water supply; to protect the groundwater; to provide flood control; to prevent storm damage; to prevent pollution; to protect land containing shellfish; to protect wildlife habitat; and to protect fisheries.

10.58 (4) General Performance Standard. Where the presumption set forth in 310 CMR 10.58(3) is not overcome, the applicant shall prove by a preponderance of the evidence that there are no practicable and substantially equivalent economic alternatives to the proposed project with less adverse effects on the interests identified in M.G.L. c.131 § 40 and that the work, including proposed mitigation, will have no significant adverse impact on the riverfront area to protect the interests identified in M.G.L. c. 131 § 40.

In considering the proposed project, i.e. the WaterGoat trash boom, the Applicant considered the following alternatives:

- 4.1 No action
- 4.2 Manual removal of floating trash by raking from the shore
- 4.3 Boat or machine harvester access
- 4.4 Passive trash collection device using a boom with netting, e.g. WaterGoat
- 4.5 Alternate locations for placement of the WaterGoat

4.1 No Action

No action means that the river will function as it does at present and that – apart from the periodic cleanup efforts undertaken by DCR - floating trash and debris will continue to collect and impede water quality and wildlife habitat, both within the Muddy River and downstream in the Charles River and the sea. Although there would be no impact to Riverfront Area, the Muddy River itself will suffer from continued pollution and thus no action is not a viable alternative as it would not protect the interests in the Act.

4.2 Manual Removal via Raking From Shore

It is possible for volunteers to use long-handled nets and attempt to collect debris from the shore adjacent to the Ipswich Street bridge on the bridge itself, or, alternately, at the downstream location where the open channel enters the culverted section beneath Storrow Drive. This alternative requires frequent monitoring by volunteers and it is likely that floating trash will not only slip past and enter the Charles River and beyond but also that less floating trash will be captured by the nets due to inability to reach all parts of the river. Further, volunteer safety is a concern, particularly for crossing the several busy streets that straddle the river.



While this alternative is economically less costly than the preferred alternative and does not involve permanent occupation of Riverfront Area, based on the inefficiencies of removal it does not meet the criterion of providing more environmental benefit (i.e. less adverse impact). Thus it is not the preferred alternative.

4.3 Removal Within River via Boat or Machine Harvester

This alternative involves watercraft (kayaks or canoes) or water-based machinery (e.g. a mechanical harvester) entering the Muddy River and removing debris. Use of a harvester or similar equipment is expensive and beyond the capability of the MWI volunteers, and MWI believes it cannot be deployed frequently enough to capture all floating debris. The use of non-motorized boats also involves cost and frequency of access problems. In both cases, access to the water is limited and wetland vegetation can be impacted. Frequent use of these devices can be disruptive to fish and other wildlife. Finally, volunteers may need to wear additional protective clothing, in some cases full hazardous material protective gear, to prevent contamination of skin from pollutants in the water.

Although this alternative may result in more trash removal than the alternatives discussed above, given the cost, risk to volunteer health and problems with access and frequency, this is the least viable alternative for MWI. Further, frequent access to and from the river by these means may result in more risk to wetland vegetation than what might be done from the implementation of other alternatives.

4.4 Removal via WaterGoat Storm Water Debris Boom

This alternative considers the implementation of a floating boom and net device such as the WaterGoat, operated and maintained by MWI staff and volunteers. There would be a small, permanent (i.e. as long as the WaterGoat is deployed) impact to riverbank because of the location of the earth anchors. Some vegetation around the boom may also need to be managed so as not to impede operation of the WaterGoat.

This Alternative is preferred because it produces the greatest environmental benefit even with factoring in the small impacts. The boom as a passive device which floats and collects all trash, all the time, plus it is much easier to operate and maintain than Alternative 4.3. By having one location, off the street, for volunteers to access and maintain the device, it is safer for them and also results in less impact to wetland resource areas bordering the river.

As noted above there is a small permanent change to the Riverfront Area due to the need to place the earth anchors as close to the water's edge as feasible. The WPA regulations require consideration as to whether the project, i.e. the anchors et. al, can take place outside of Riverfront Area boundaries. This is not practicable, as the increased length of boom will make it more cumbersome to operate and volunteers will access more Riverfront Area to operate and maintain it. Increased length of boom would also exceed the limit of WaterGoat length. The impact created by the earth anchors (less than one square foot of space total) is not significant.

4.5 Alternate Locations for WaterGoat Deployment

Apart from the technology review, MWI considered alternative locations in the vicinity. These are: 1) downstream of the Boylston Street Bridge (also known as the Richardson Bridge), and 2) at the location



of the Massachusetts Turnpike Bridge, attached to or suspended from the bridge. At the Boylston Street Bridge, volunteer access would be limited to the east side of the river only. Further, the width of the river at this location is significantly wider than it is at Ipswich Street. Preliminary measurements indicate a WaterGoat width that would exceed the manufacturer's limit.

At the Masspike Bridge, there is a narrow opening between the turnpike and the MBTA railroad tracks. While it is potentially possible to attach and suspend a boom from the bridge, it is unclear how volunteers could safely access this location to monitor the boom and remove trash.

Given the constraints explained above, these two alternative locations were not considered further. Other potential locations, either downstream or upstream of the preferred alternative, pose their own constraints (e.g. width, access) and thus were not reviewed.

In summary, Alternative 4.4, located just upstream of the Ipswich Street Bridge, provides the most cost-effective environmental benefit, and overall it *enhances* the interests protected by the Act.

The Applicant recognizes that a device such as the WaterGoat, visible from the bridge and situated near pedestrian access, could be tampered with. To reduce this risk, measures will be taken to lock the boom to its supports on the bank. Also, it should be known that none of the 102 other WaterGoats in use have been vandalized. MWI is confident that Boston's WaterGoat will function similarly. Note that WaterGoat is NOT a permanent structure and is a carefully monitored pilot test over a 3 year period. Moreover, the cost of repairing/replacing WaterGoat is not prohibitive (approximately \$1,000 to \$2,500) and could be covered by private/public sources.

Required Actions

Massachusetts Endangered Species Act (MESA)/Wetlands Protection Act Review: The Project Area is not mapped as priority habitat of rare species or estimated habitat of rare wetlands wildlife (MA NHESP, 2017). No Federally-listed threatened or endangered species are known to occur in the Project Area.

Estimated Habitat Map of State-Listed Rare Wetlands Wildlife: The Project Area is not mapped as an Estimated Habitat of Rare Wildlife as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by Natural Heritage and Endangered Species Program (NHESP, 2018).

Division of Marine Fisheries: The proposed Project does not occur within a coastal waterbody.

Division of Fisheries and Wildlife: In the Phase 2 project undertaken by others, the Commonwealth of Massachusetts Division of Marine Fisheries recommended to USACE that the Muddy River remain free flowing during Phase 2 construction between April 1st to June 15th and between September 15th and November 1st, of any year. This restriction was recommended so that blueback herring can complete their spring upstream adult spawning migration and fall downstream out-migration of juveniles.

For the proposed Project in this application, the Applicant is willing to consult with the Conservation Commission and the State to determine if similar restrictions are needed for deployment of the WaterGoat. Based on the monitored results of WaterGoats in other locations, it is believed that the proposed system will not adversely impact fish habitat which would include the passage of blueback herring.



MassDEP Water Quality Certification: The project does not require a water quality certification.

MassDEP Wetlands Restriction Order: The Project Area is not subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act.

Department of Conservation and Recreation Office of Dam Safety: The Project does not include work on a dam.

Areas of Critical Environmental Concern (ACECs): The Project Area is not located within an ACEC.

Performance Standards (Interests Protected Under the Act and Ordinance)

The following discusses the performance standards as well as proposed measures to protect environmentally sensitive areas that may be impacted by the work.

Climate Change Resilience

Under Paragraph (n) of the Ordinance Protecting Local Wetlands and Promoting Climate Change Adaption in the City of Boston, projects shall, to the extent practicable, integrate climate change and adaptation planning to promote climate change resilience.

The proposed WaterGoat Pilot project is a three-year study of the use of a surface trash boom to collect waterborne trash and thus improve surface water quality and wildlife habitat. During this time, it will not contribute to sea level rise or storm water runoff, nor would it effect any change due to extreme weather or changing precipitation patterns. With regard to storm water flooding, the WaterGoat boom is also not expected to have an effect on climate change resilience. According to Big Water Rescue, the creator and manufacturer of the WaterGoat, the boom's structural displacement in the water is 1/4", and it will rise and fall with the rise/fall of the water surface. No adverse impact is anticipated.

Waterfront Area

It is understood that the proposed project lies within the Waterfront Area, which has been identified - through consultation with the City - as extending horizontally from top of Bank to a point 25 ft upland of the outer boundary of Riverfront Area. In this definition the earth anchors, and cables holding the WaterGoat to said anchors, would occupy Waterfront Area.

In terms of adverse impact and mitigation, the two, 2-inch diameter earth anchors would occupy a very small footprint in Waterfront Area and thus it is proposed that no adverse impact exists such as to require mitigation. Further, a continuous vegetated strip of land upland of the anchors currently exists, and would continue to do so, on both sides of the river (20 ft on the west bank, and 30 ft on the east bank).

Performance Standards for Bank

As shown on the attached site plan, the proposed project will lie within Bank on each side of the Muddy River. The earth anchors would be outside the limits of Bank, but short sections of the boom's cable (estimated at 8 sf. total) will occupy the bank. According to 310 CMR 10.54(4), "*where the presumption set forth in 310 CMR 10.54(3) is not overcome, any proposed work on a Bank shall not impair the*



following: 1. the physical stability of the Bank; 2. the water carrying capacity of the existing channel within the Bank; 3. ground water and surface water quality; 4. the capacity of the Bank to provide breeding habitat, escape cover and food for fisheries; 5. the capacity of the Bank to provide important wildlife habitat functions.”

Physical Stability of the Bank: The existing river bank is mostly vegetated on both sides. The east side is primarily vegetated with a red fescue type of grass (not wetland species) and the west side has a mix of this grass, other plantings, and bare earth, along with granite slope stone along the water’s edge. No adverse impact to bank stability is expected as a result of this project, however, an erosion control blanket is proposed to mitigate any adverse impacts from the placement of the cable.

Water Carrying Capacity of the Existing Channel Within the Bank: As noted earlier in this narrative, the WaterGoat would have a minimal effect on the carrying capacity of the Muddy River. The boom’s structural displacement in the water is 1/4”, and it will rise and fall with the rise/fall of the water surface. No adverse impact is anticipated.

Protection of Private and Public Water Supply: While there is no private or public water supply connected with the Muddy River, the proposed project will improve the surface water quality of both the Muddy and Charles River. Therefore, the potential impact is positive.

Protection of Groundwater Supply: There is no groundwater supply in this area. Notwithstanding, no adverse impacts to groundwater will result from the installation of this project.

The Capacity of the Bank to Provide Breeding Habitat, Escape Cover and Food for Fisheries: The proposed project will occupy a small (approx.. 5 square feet total) area of the bank in a location that is very open to view as well (i.e. little escape cover) and close to steady and loud vehicular traffic. Although the proposed project displaces this section of Bank, it is anticipated that the abutting vegetated areas would effectively accommodate wildlife. For fisheries, there would be no loss of food.

The Capacity of the Bank to Provide Important Wildlife Habitat Functions: While any occupation of Bank could be viewed as removal of capacity and thus an adverse impact, the location proposed for the WaterGoat installation does not appear to be sensitive wildlife habitat. The areas along the river and the Fens overall would better provide wildlife habitat. Further, the proposed project’s removal of trash may improve wildlife habitat – not only at the bridge but further downstream. The trash accumulation photo in this narrative shows a small turtle sitting on a plastic lid.

Performance Standards for Bordering Land Subject to Flooding

As noted above, the proposed project will involve installing earth anchors in the soil and attaching the WaterGoat to these anchors, resulting in short lengths of the WaterGoat boom and its cable (approximately 10 ft. on either side of the river as needed to place these anchors above the granite slope stone as well as out of wet areas), resulting in an estimated 2.5 cf. loss of storage. According to 310 CMR 10.57(4), ***“Compensatory storage shall be provided for all flood storage volume that will be lost as the result of a proposed project within Bordering Land Subject to Flooding, when in the judgment of the issuing authority said loss will cause an increase or will contribute incrementally to an increase in the horizontal extent and level of flood waters during peak flows; Work within Bordering Land Subject to Flooding, including that work required to provide the above-specified compensatory storage, shall not restrict flows so as to cause an***



increase in flood stage or velocity; Work in those portions of bordering land subject to flooding found to be significant to the protection of wildlife habitat shall not impair its capacity to provide important wildlife habitat functions.

Discussion of Compensatory Storage

The 2-inch diameter earth anchors will not occupy the 100-yr floodplain, only the cables holding the boom to the anchors would occupy the floodplain. Further, the amount of storage lost is very small when compared to the overall extent of floodplain in the area. For the lengths of boom, when the water level rises, the boom rises with it, therefore there is no loss of floodplain.

Restriction of Flood-Stage Flows or Velocity

The proposed WaterGoat pilot project is anticipated to allow a 94% flow rate with a ¼” water displacement, according to the manufacturer. This alteration may cause a tiny increase in flood elevation during extreme wet weather events. However, boom will rise with the water level, and any small adverse impact is offset by the water quality benefits offered by the proposed project.

Protection of Wildlife Habitat

The proposed project involves short lengths of boom lying upon each side of the riverbank, and a length of boom on the water surface. Considering the small area of potential impact, the project is not anticipated to adversely affect wildlife habitat in the area.

Flood Control: The operation of the WaterGoat boom is not anticipated to cause flooding. Regular inspection and clearing of the boom will ensure that the device does not impeded flow. The Applicant will remove the boom should the need arise.

Storm Damage Prevention: No increase in storm water runoff is anticipated as a result of this project. The WaterGoat debris boom is designed to allow water to flow through it essentially unimpeded.

Prevention of Pollution: The project will provide a benefit to preventing pollution, via removal of surface trash from the Muddy River and downstream water bodies.

Protection of Land Containing Shellfish: As an inland waterway, land containing shellfish is not relevant for this project.

Protection of Fisheries: No adverse impact is expected to fisheries associated with the Muddy River. The depth of the river at the installation location will be verified prior to selecting the netting option, and the most conservation scenario may be to choose the 8” depth of netting.

Stormwater Runoff: The project will not adversely impact storm water runoff. If a condition of severe flooding is forecast, the WaterGoat may be removed from the river.

Protection of the Wetland Resource Area: Minimal alteration of Bank is proposed as part of installing this project. Work shall occur within several feet from the water’s edge, and will be situated to avoid damage to existing tree roots.

Minimization of Disturbances: The work within the Bank will be in areas that were previously disturbed by the original creation of the parkland are being maintained as such. The limit of work has been minimized to the greatest extent practicable to provide sufficient area for access/maintenance.



Erosion Controls and Mitigating Measures: While it is anticipated that the earth anchors will be driven or augured into the ground, thus not generating sediment, prior to commencing work and in consultation with the Conservation Commission, the WaterGoat installer may install an appropriate length of straw wattle downstream of the earth anchor to ensure no sediment enters the river.

No Significant Adverse Impacts: The project as proposed will be installed primary on the water surface with a small disturbed area on each side of the riverbank, needed for installation of the earth anchors. Short sections of the WaterGoat device will rest on the bank, for part of the year (end of October through May) the device will be removed and stored off-site. There is no significant adverse impact expected; instead, the project is believed to result in a benefit to the surface water quality of the Muddy River.

Performance Standards for Bordering Vegetated Wetlands

According to 310 CMR 10.55 (4)'s general performance standards for proposed work within bordering vegetated wetlands, proposed projects may be approved if the destruction or impairment is less than 500 square feet in size, and said the portion of destruction or impairment extends in a distinct linear configuration into adjacent uplands.

The proposed WaterGoat Pilot project is a seasonal and temporary installation. For its period of operation, expected from June through October, the project would occupy approximately 4 square feet of land within BVW, in a linear configuration from the water's edge to the earth anchor. Some vegetation may need trimming to allow placement of the boom, however it is not anticipated that plants would need to be removed, so basically no destruction of BVW would occur. Further, the proposed project offers a benefit of capturing and removing trash from the Muddy River, thereby improving wildlife habitat and surface water quality. For mitigation, a section of erosion control blanket could be installed to protect the land beneath the boom's cable.

With the above in mind, the Applicant believes the general performance standards for BVW have been met.

Additional Performance Standards for Riverfront Area

In Section 4 of this narrative, above, general performance standards are discussed, and alternatives analyzed, resulting in the recommendation of the WaterGoat as the most feasible alternative to meet the goals of the project. In this section, two additional performance standards are discussed, namely, 310 CMR 10.58 (4)(d)2 (25 foot riverfront area) and the Boston Wetlands Ordinance.

For the former, the proposed work shall cause no significant adverse impact by:

- a. Limiting alteration to the maximum extent feasible, and at a minimum, preserving or establishing a corridor of undisturbed vegetation of a maximum feasible width. Replication and compensatory storage required to meet other resource area performance standards are allowed within this area; structural stormwater management measures shall be allowed only when there is no practicable alternative;*
- b. Providing stormwater management according to standards established by the Department;*
- c. Preserving the capacity of the riverfront area to provide important wildlife habitat*

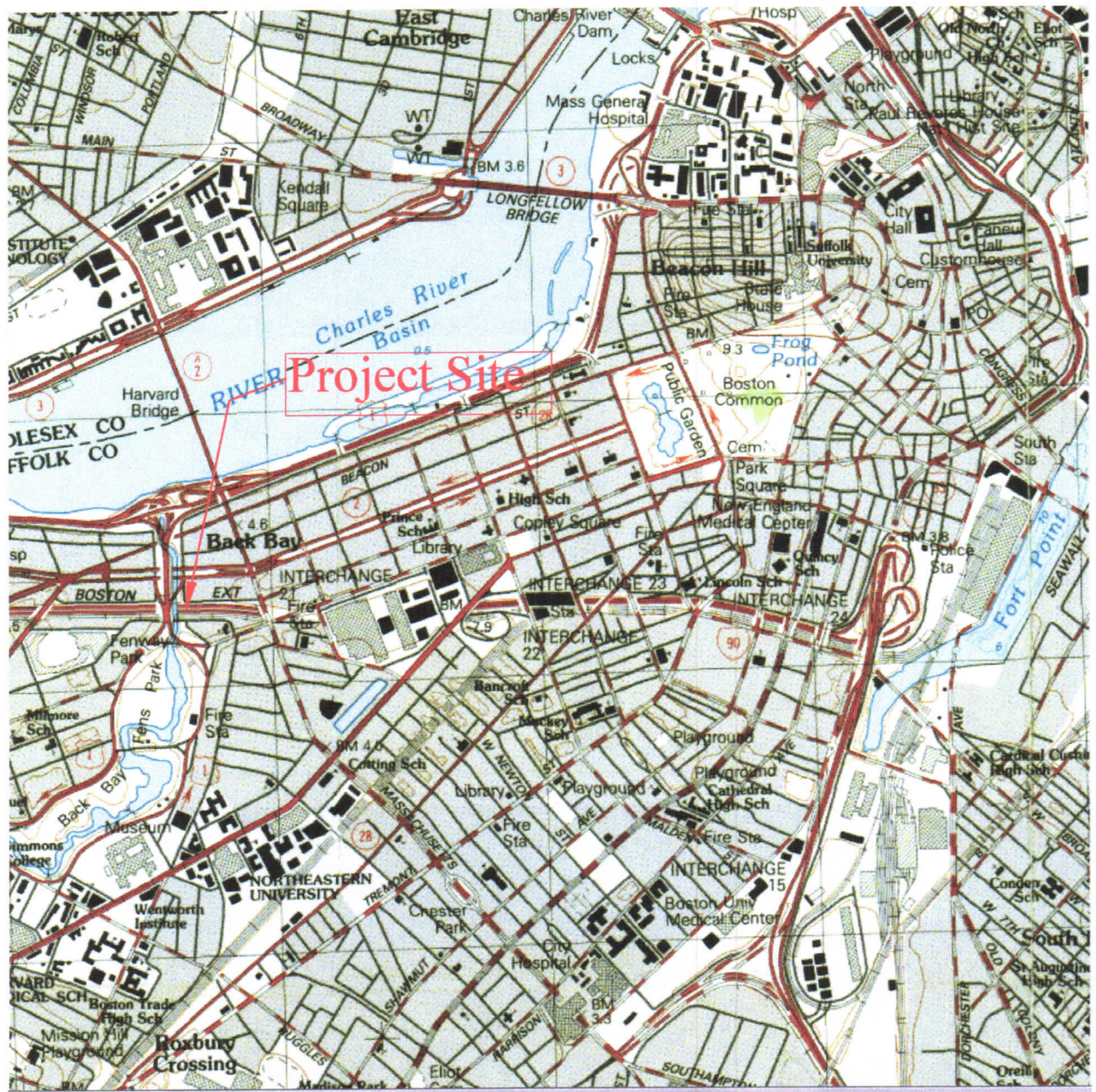


functions. Work shall not result in an impairment of the capacity to provide vernal pool habitat when identified by evidence from a competent source but not yet certified; and

d. Proposed work shall not impair groundwater or surface water quality by incorporating erosion and sedimentation controls.

The proposed WaterGoat Pilot Project has limited alteration to the maximum extent feasible, i.e. that needed to install the boom. The proposed location will preserve a corridor of undisturbed vegetation for wildlife travel. There are no structural storm water measures, and the state storm water management standards are not applicable. The Applicant believes important wildlife habitat function would not be compromised, and there is no vernal pool habitat with which to be concerned. Finally, the proposed work involves installing two, 2-inch diameter earth anchors. Sediment discharged from this action could be prevented from entering the river via the placement of straw wattles downgradient of the work and the longer term use of an erosion control blanket which will gradually decompose and blend into the ground surface.

For the latter, the Boston Wetlands Ordinance. states that the Commission will consider if the project proposes ecological enhancement of the Riverfront Area. The proposed project is intended to provide a substantive ecological benefit via the removal of waterborne trash and debris within the Muddy River.



Scale in feet



Figure 1. USGS Map

Base Map: USGS

C. Koutalidis, PE

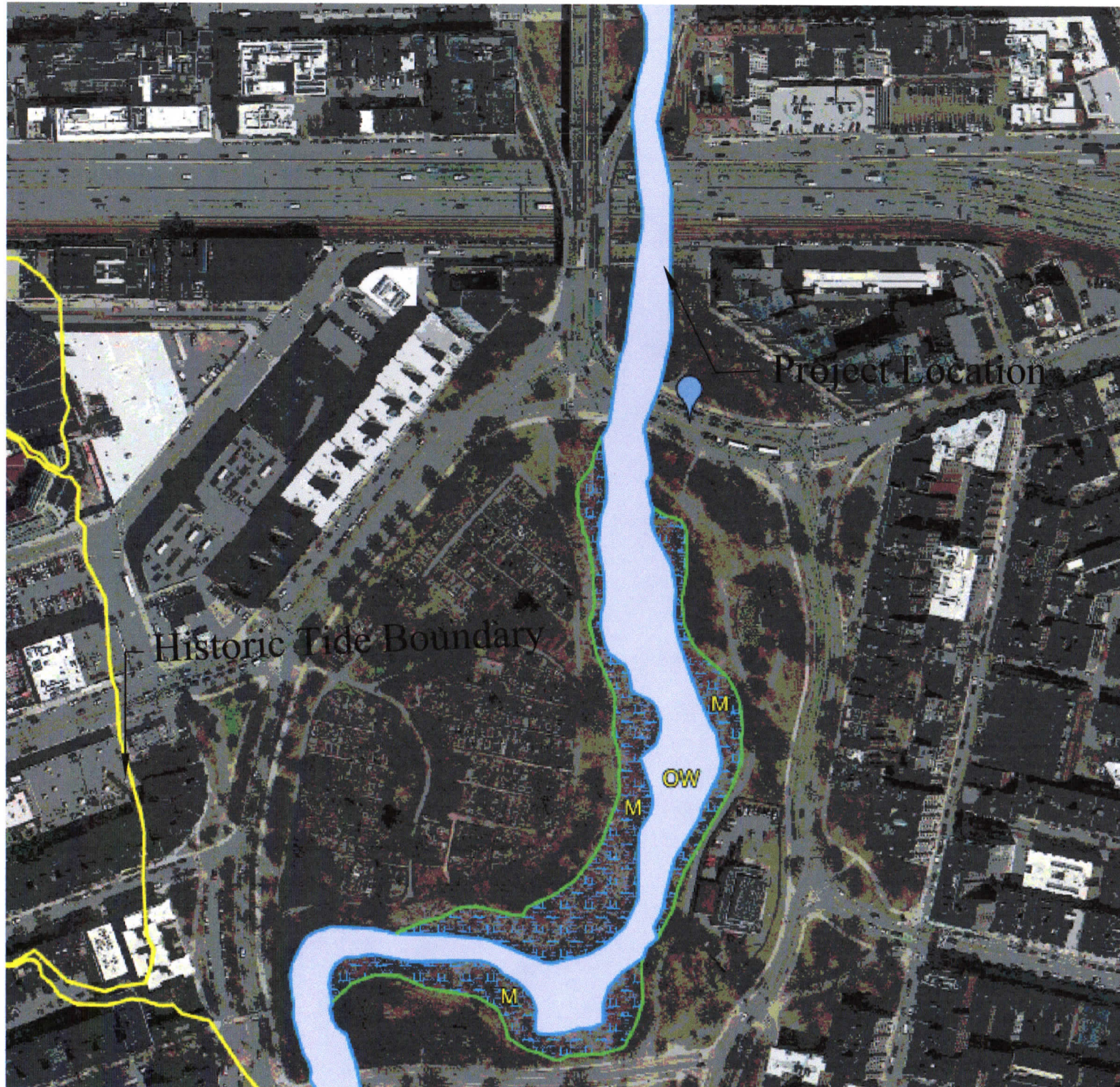
Drafted : CAK Checked

Date 11/18/19 Rev

MWI - WaterGoat
Pilot Project

Muddy River WaterGoat Pilot Project

Fig 2.
MassGIS OLIVER
Wetland Boundary &
Historic Tide Line



Legend

DEP Wetlands Labels

Tidelands Jurisdiction Chapter 91 Historic Hi

DEP Wetlands Linear Features

- SHORELINE
- HYDROLOGIC CONNECTION
- MEAN WATER LINE
- APPARENT WETLAND LIMIT
- CLOSURE LINE
- EDGE OF INTERPRETED AREA

DEP Wetlands General Categories

- MARSH/BOG
- WOODED MARSH
- CRANBERRY BOG
- SALT MARSH
- OPEN WATER

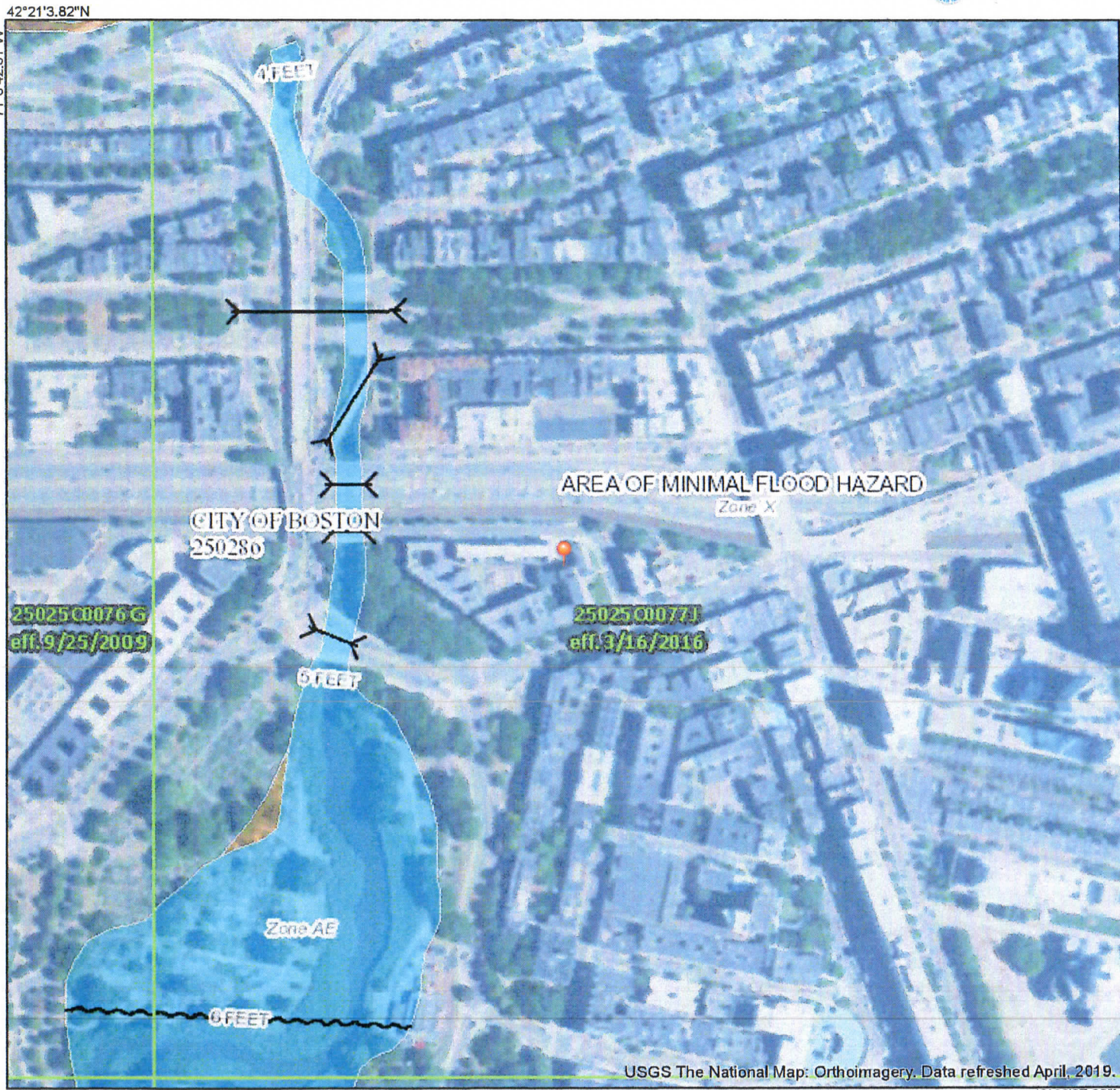
National Flood Hazard Layer FIRMette



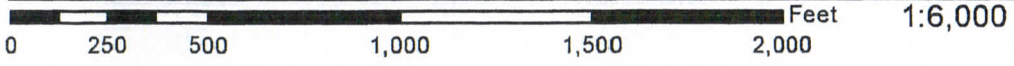
Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes, Zone X
OTHER AREAS		Area with Flood Risk due to Levee Zone D
		Area of Minimal Flood Hazard Zone X
GENERAL STRUCTURES		Effective LOMRs
		Area of Undetermined Flood Hazard Zone
OTHER FEATURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



USGS The National Map: Orthoimagery. Data refreshed April, 2019.



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/22/2019 at 10:51:24 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



71°54.86'W

42°21'3.82"N

71°54'2.31"W

42°20'37.23"N

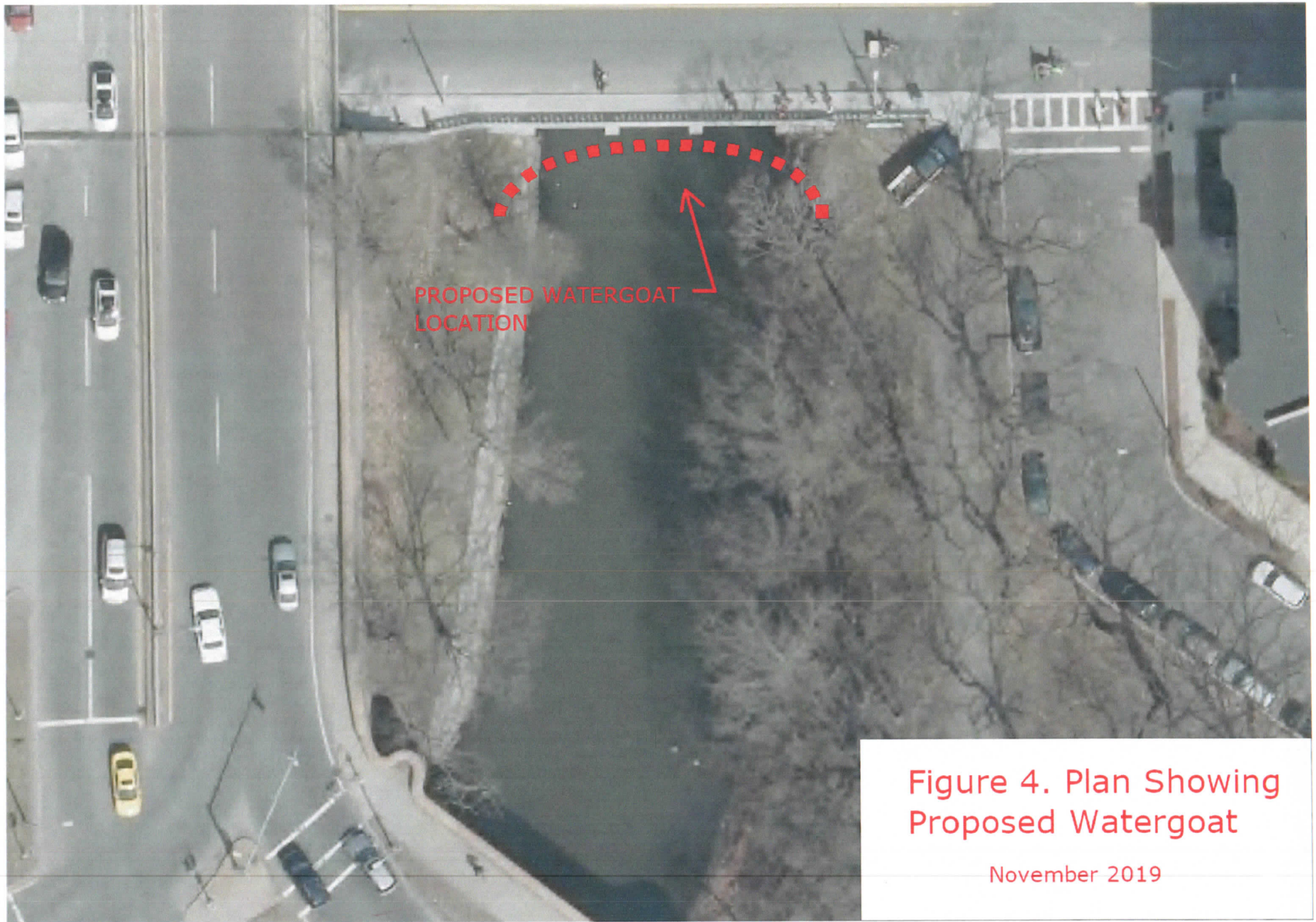


Figure 4. Plan Showing
Proposed Watergoat

November 2019

DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: Muddy Water Initiative Prepared by: Robert E. Marini Project location: 4-8 Boylston S Boston (Muddy River) MA DEP File #: _____

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Sections I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Section I and II
- Method other than dominance test used (attach additional information)

Section I. Vegetation Observation Plot Number: I A Transect Number: @R-2 Date of Delineation: 12/19/2020

A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category*
Canopy				
Red Oak / <u>Quercus rubra</u>	20	25	y	upl
Pin Oak / <u>Quercus palustris</u>	20	25	y	fac*
Norway Maple / <u>Acer platanoides</u>	20	25	y	upl
Black Oak / <u>Quercus Velutina</u>	20	25	y	upl
Saplings				
Norway Maple / <u>Acer platanoides</u>	20	50	y	upl
Flowering Dogwood / <u>Cornus Florida</u>	20	50		
Shrub				
Multiflora Rose / <u>Rosa multiflora</u>	20	33	y	facu
Choke Cherry / <u>Prunus pennsylvanica</u>	20	33	y	upl
Highbush Blueberry / <u>Vaccinium corymbosum</u>	20	33	y	facw*
Ground Cover				
Fescues / <u>Festuca sp.</u>	80	100	y	facu

* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland Indicator plants: **2** Number of dominant non-wetland indicator plants: **7**

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? yes **(no)**

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the request for Determination of Applicability or Notice of Intent.

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? yes no

title / date: Soil Map of Norfolk & Suffolk County
NRCS 9/12/2019

Are field observations consistent with soil survey? yes no

Remarks: Except sloping at 20-35%

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Co
O	2"-0"	10YR 2/2	-
Fill	0-20"	10YR 3/3	-

Remarks: SILTY SAND FILL MATRIX

3. Other:

Conclusion: Is soil hydric? yes no

Other Indicators of Hydrology: (check all that apply and describe)

- Site Inundated: _____
- Depth to free water in observation hole: 10"
- Depth to soil saturation in observation hole: _____
- Water marks: _____
- Drift lines: _____
- Sediment deposits: _____
- Drainage patterns in BVW: _____
- Oxidized rhizospheres: _____
- Water-stained leaves: _____
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):

- Other: _____

Vegetation and Hydrology Conclusion

	yes	no
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sample location is in a BVW	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Submit this form with the Request for determination of Applicability or Notice on Intent

DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: Muddy Water Initiative Prepared by: Robert E. Marini Project location: 4 -8 Boylston St Boston (Muddy River) MA DEP File #: _____

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Sections I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Section I and II
- Method other than dominance test used (attach additional information)

Section I. Vegetation Observation Plot Number: I B Transect Number: @ R-1 Date of Delineation: 12/19/2020

A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category*
Canopy				
<i>Pin Oak / Quercus palustris*</i>	20	33	y	fac*
<i>Red Oak / Quercus rubra</i>	20	33	y	facu
<i>Swamp White Oak / Quercus bicolor</i>	20	33	y	fac*
Saplings				
<i>Norway Maple / Acer platanoides</i>	20	100	y	upl
Shrub				
<i>Choke Cherry / Prunus pennsylvanica</i>	20	25	y	facu
<i>Norway Maple / Acer platanoides</i>	20	25	y	upl
<i>HighBush Blueberry / Vascinium corymbosum</i>	20	25	y	facw*
<i>European Buckthorn / Rhamnus frangula</i>	20	25	y	fac*
Ground Cover				
<i>Smartweed / Polygonum sp*</i>	20	25	y	facw*
<i>Clubmoss / Huperzia sp</i>	20	25	y	fac*
<i>Japanese Knotweed / Polygonum japonicum</i>	20	25	y	upl
<i>Norway Maple / Acer platanoides</i>	20	35	y	upl

* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland indicator plants: **6** Number of dominant non-wetland indicator plants: **6**

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **yes** no

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the request for Determination of Applicability or Notice of Intent.

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? yes no
 title / date: Soil Survey of Middlesex County

Soil Map of Norfolk & Suffolk County
 NRCS 9/12/2019

: 655 Udorthents

Are field observations consistent with soil survey? yes no

Remarks: Land slopes 20-35%

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
O	2"-0"	10YR 2/2	-
Fluvial Fill Sediment		Solid ice filled voids	

Remarks: Sandy Silt Matrix

3. Other:

Conclusion: Is soil hydric? yes no

Other Indicators of Hydrology: (check all that apply and describe)

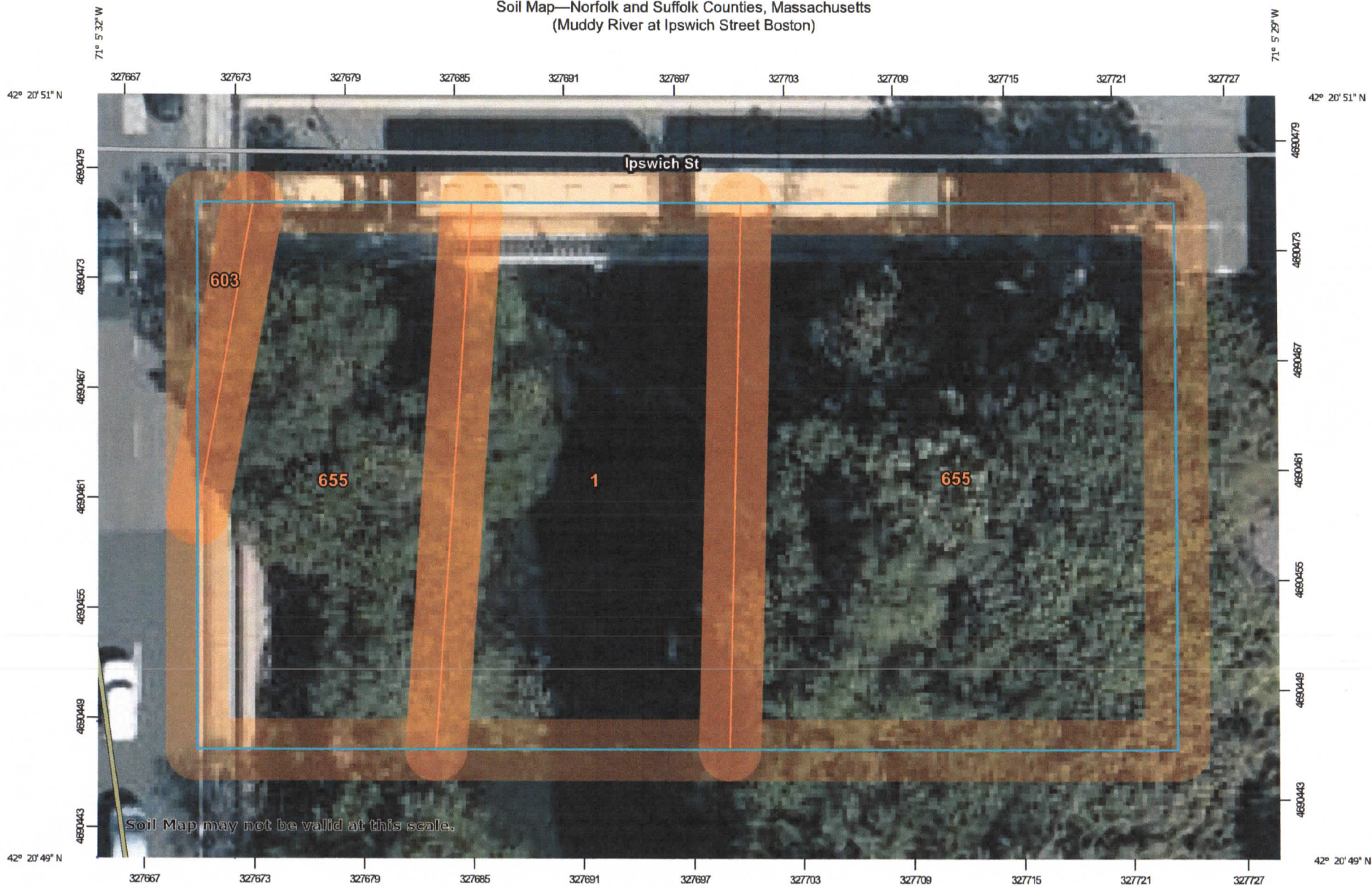
- Site Inundated: _____
- Depth to free water in observation hole: _____
- Depth to soil saturation in observation hole: 0"
- Water marks: _____
- Drift lines: _____
- Sediment deposits: _____
- Drainage patterns in BVW: _____
- Oxidized rhizospheres: _____
- Water-stained leaves: _____
- Recorded data (stream, lake, or tidal gauge; aerial photo; other): _____
- Other: ICE IN SOIL VOIDS NEAR SURFACE

Vegetation and Hydrology Conclusion

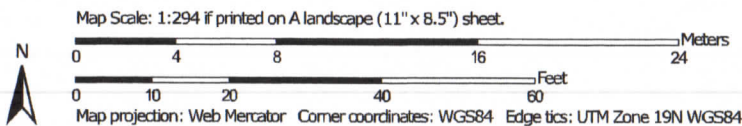
	yes	no
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
other indicators of hydrology present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample location is in a BVW	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Submit this form with the Request for determination of Applicability or Notice on Intent

Soil Map—Norfolk and Suffolk Counties, Massachusetts
(Muddy River at Ipswich Street Boston)




Soil Map may not be valid at this scale.



Soil Map—Norfolk and Suffolk Counties, Massachusetts
(Muddy River at Ipswich Street Boston)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)


Soils

 Soil Map Unit Polygons


 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit


 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water


 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot


 Sinkhole


 Slide or Slip


 Sodic Spot


 Spoil Area

 Stony Spot


 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:25,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Norfolk and Suffolk Counties, Massachusetts
Survey Area Data: Version 15, Sep 12, 2019

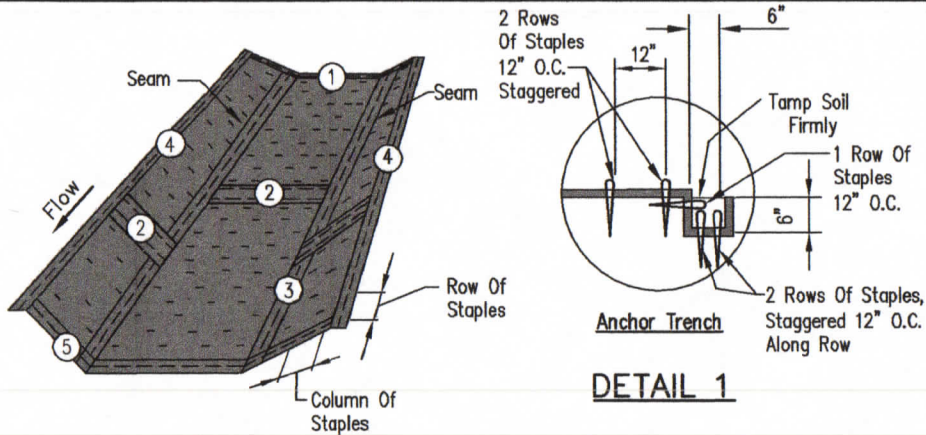
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 11, 2019—Oct 5, 2019

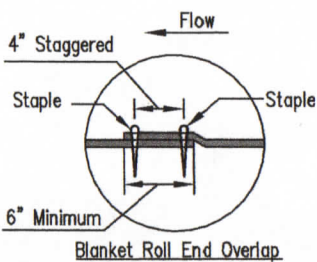
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

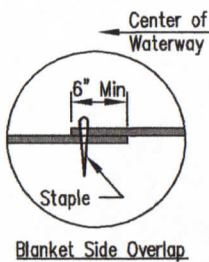
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1	Water	0.1	28.8%
603	Urban land, wet substratum, 0 to 3 percent slopes	0.0	1.6%
655	Udorthents, wet substratum	0.3	69.6%
Totals for Area of Interest		0.4	100.0%



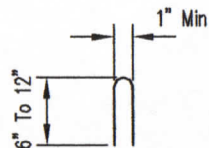
DETAIL 1



DETAIL 2



DETAIL 3



STAPLE DETAIL

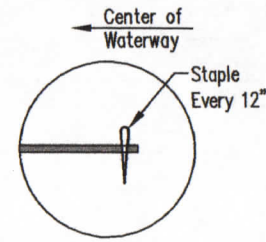
Waterway #			
Waterway Width (ft)			
ECB Width (ft)			
Length (ft)			
Stations	_____ to _____	_____ to _____	_____ to _____

NOTES:

- The erosion control blanket consists of a machine produced mat of specified material. The product must meet the minimum requirements specified in Table 1, below. Ensure that the product is new and unused, and is furnished in rolls. Alternative materials may be used upon approval by the designer.
- Prepare soil prior to installing erosion control blanket, including hydro seeding of Fescues.
- The erosion control blanket is to be placed in firm contact with the soil and not be allowed to bridge over surface irregularities. The blanket can not be stretched.
- Install the erosion control blanket according to manufacturer's instructions. If no manufacturer's instructions are available, install the blanket as follows:
 - Use "U" shaped staples, 0.12 in diameter wire or greater (#11 gauge). See Staple Detail for dimensions.
 - Bury upstream end of blanket in a trench 6 inch wide by 6 inch deep and stapled in staggered rows across the width as shown in Detail 1.
 - For joining ends of rolls, overlap end of upslope blanket a minimum of 6 inches over downslope blanket (shingle style). Use a double row of staggered staples 4 inches apart, as shown in Detail 2.
 - Overlap blankets on side slopes a minimum 6 inches over the blanket below (shingle style). Staple overlap at 12 inch intervals. See Detail 3.
 - Staple the outer edge along sides of the blanket every 12 inches. See Detail 4.
 - Staples are to be placed alternately in columns (in the direction of the waterway) 2 feet apart and in rows (across the waterway) 3 feet apart, throughout the area covered by erosion blanket.
 - Downstream (terminal) end of blanket are to be stapled with a double row of staggered staples 12 inches apart. See Detail 5.
- Start laying the blankets by rolling center blanket in the direction of flow, centered on the centerline of waterway. No overlap of blankets at the center of the waterway.

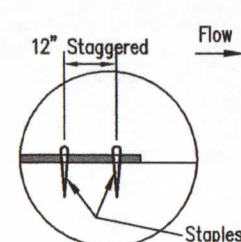
TABLE 1. MINIMUM REQUIREMENTS FOR EROSION CONTROL BLANKET

(See Note 1)	Coconut Blanket	Wood Fiber Blanket
Type of Fiber	100% coconut fibers	100% curled wood fibers
Weight, lbs/sq. yd.	0.50	0.63
Life Expectancy		
Fiber Length	N/A	80% of fibers > 6 in.
Fiber Dimensions	N/A	0.021 in. x 0.042 in.
Netting	Cover Top and bottom of blanket with a max. 5/8" x 5/8" opening size netting, bound to the mat on max. 1.5" centers.	Cover Top and bottom of blanket with a max. 5/8" x 5/8" opening size netting
Netting Required ?	<input type="checkbox"/> Yes <input type="checkbox"/> No	



Blanket Side Edge

DETAIL 4



Terminal End

DETAIL 5

Not To Scale

Date _____
 Designed _____
 Drawn M. QUINONES 7/1/15
 Checked _____
 Approved _____

**EROSION CONTROL BLANKET
 INSTALLATION DETAILS**

United States Department of Agriculture
USDA
 Natural Resources Conservation Service

File No. IL ENG-61
 Drawing No. _____
 Page 1 of 1
 Sheet of _____

Application

A net and buoy system created to catch topical litter flowing in water systems. This floating trash barrier system prevents stormwater runoff from going further downstream.

Features

- Customizable in length to fit need of any location
- Floating styrofoam buoys coated with professional grade rubberized coating
 - Buoys connected by galvanized cable
- Continuous polycarbonate net with customizable drape size
 - Net containing 1"x1" holes to prevent endangerment to aquatic life
 - Drape size ranges from 6" - 12"
 - Weighted by coated chains
- Device fixed to earth anchors via 12" cable loop and steel clamp
 - Will rise and fall with water levels
 - Can be made to release on one side to prevent loss of assets in catastrophic rains
- Easily maintained from embankments
- Customizable in color

Technical Data

Buoys

Material	
Basic buoy material	Styrofoam
Dimensions	
Basic length and diameter	11" x 6"
Displacement	
In water	1/4"
Coating	
Durable Product	Professional grade rubberized coating to resist weathering
Paint	Customizable

Netting

Material	
Basic net material	Polycarbonate
Drape	
Depth	12"
Openings	
Basic net holes	1" x 1"
Ends	Stitched shut
Length	
Basic net length	Location's width plus ~ 20' (create 'U' shape)
Weights	
Weights net down	2" coated chains

Cable

Dimension	
Diameter	3/8"
Length	Location's width plus ~ 20' (create 'U' shape)
Loop	12"
Treatment	
Coating	Galvanized
Securement	
Close Loop	Stainless steel cable clamp



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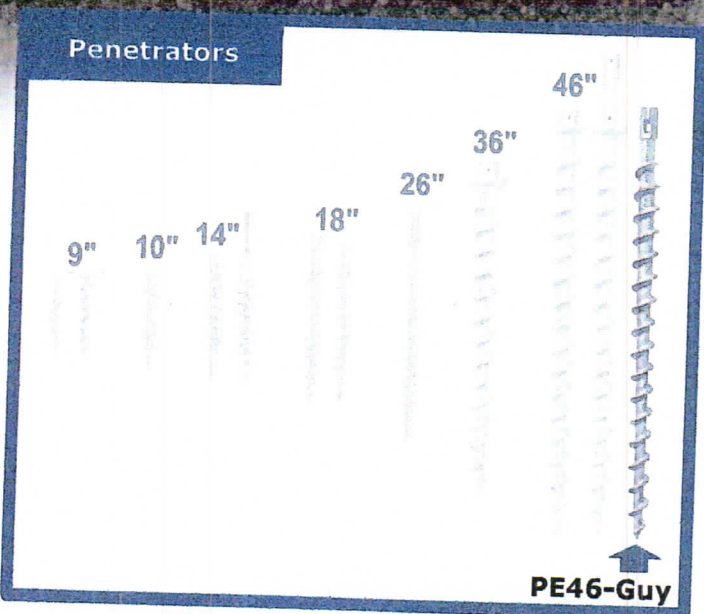
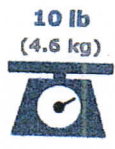
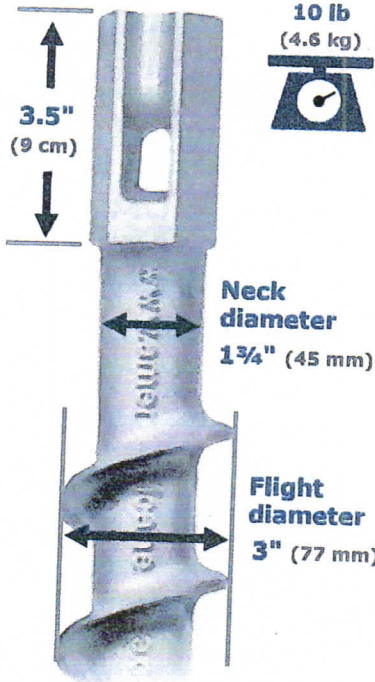
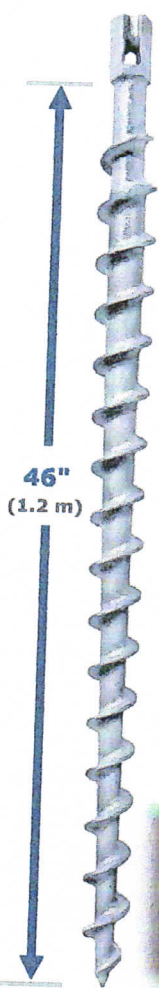
americanearthanchors.com

QUICK REFERENCE

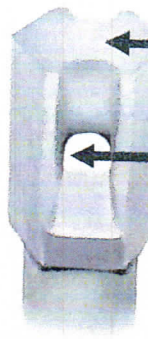
PE46-Guy | Specifications

46" Penetrator™ with guying head

- Aircraft-quality cast aluminum 356 alloy
- Heat-treated to T6 specification
- Install with 2" or 51 mm socket
- Removable



2 1/4" (58 mm) I.D. pipe fits over



Socket size 2" (51 mm)

Slot for cable or other attachment up to 1/2" (13 mm)

6-point socket (instead of 12-point socket) will minimize wear and rounding of hex head for repeated installation/removal

LOAD CAPACITY

Pullout strength with flight fully embedded

Soil Class 1	Soil Class 2	Soil Class 3	Soil Class 4	Soil Class 4
Hardpan Asphalt	Sandy gravel Very dense sand	Silty/clayey sand Silty gravel	Loose/med dense sands Loose sands Firm clays	Loose fine un- compacted sand
14,000 lb 62.3 kN	9,500 lb 42.3 kN	3,300 lb 14.7 kN	2,000 lb 8.90 kN	750 lb 3.34 kN

Soil classification per ASTM D-2487/2488



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Contact us for CUSTOM WORK
Size, length, shape, material,
prototypes, cable assemblies



866-520-8511



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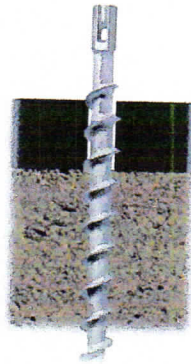
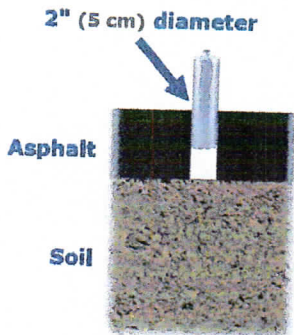
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PE46-Guy | Installation

QUICK REFERENCE

Through asphalt

Drill PILOT HOLE through asphalt



Non-vertical load

Install at same angle as load for maximum pullout strength



Installation methods



Impact wrench

Watch the video: [Click here](#) or visit aeavideo.com



Power take-off

Watch the video: [Click here](#) or visit aeavideo.com



Attachment accessories

Optional attached tie-off cable



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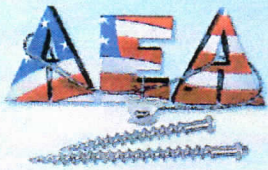
Contact us for CUSTOM WORK
Size, length, shape, material,
prototypes, cable assemblies



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QUICK REFERENCE

10AL-72TH | Specifications

10" aluminum arrowhead with 6' cable and thimble

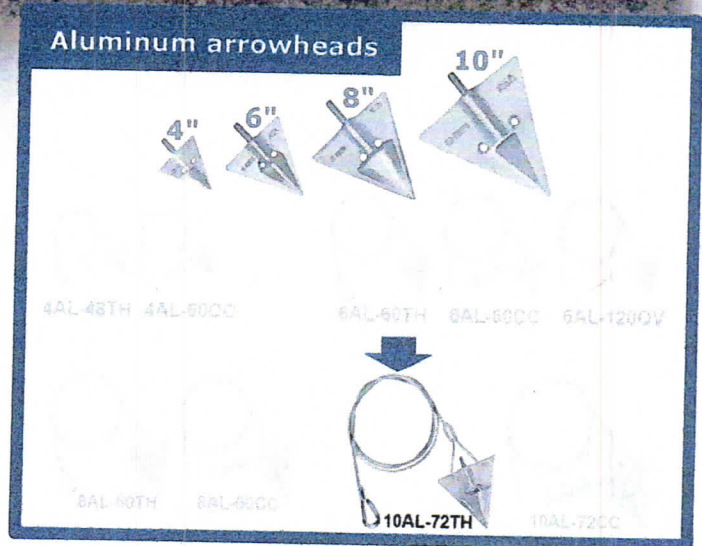
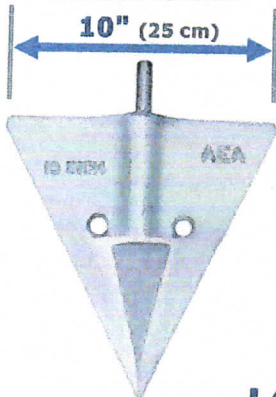
- 356 aluminum alloy
- Heat-treated to T6 specification

This document also describes the military spec version of this anchor: **10AL-72TH-Mil**



Anchor

10" (25 cm)



Cable

Galvanized steel aircraft cable



Diameter: $\frac{3}{8}$ " (9.5 mm)

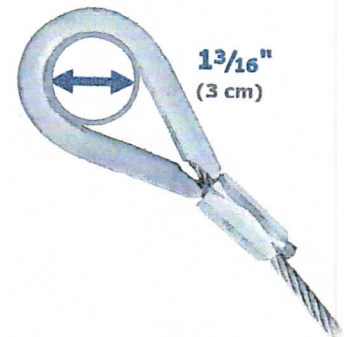
Length: 6' (1.8 m)

Breaking strength:
14,400 lb (64 kN)

Available in stainless steel as special order

Thimble

Galvanized steel



$\frac{13}{16}$ "
(3 cm)

LOAD CAPACITY

Pullout strength at MINIMUM DEPTH 5' (1.5 m)

Soil Class 1	Soil Class 2	Soil Class 3	Soil Class 4	Soil Class 4
Hardpan Asphalt	Sandy gravel Very dense sand	Silty/clayey sand Silty gravel	Loose/med dense sands Loose sands Firm clays	Loose fine un compacted sand
14,000 lb 62.3 kN	11,000 lb 48.9 kN	7,000 lb 31.1 kN	4,000 lb 17.8 kN	2,400 lb 10.7 kN

Soil classification per ASTM D-2487/2488

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QP-10AL-72TH Mar 2018



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Contact us for CUSTOM WORK

Size, length, shape, material,
prototypes, cable assemblies

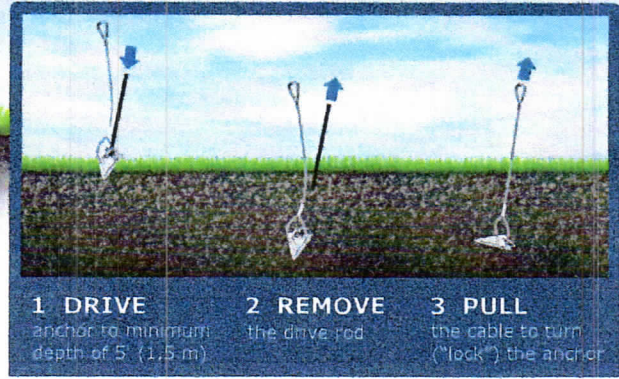


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10AL-72TH | Installation



Into the ground

6' (1.8 m) Drive rod

1" (25 mm) diameter

DR-6HT



Locking the anchor



During locking, anchor will pull back up as it turns, settles, and locks. Depending on soil type, this can typically be 4-12 inches (10-30 cm).

LEVERAGE

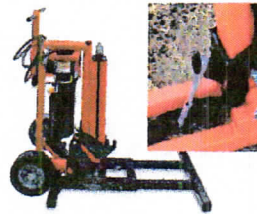


Ratchet-lever hoist ("come-along")



Bumper jack

HYDRAULIC POWER



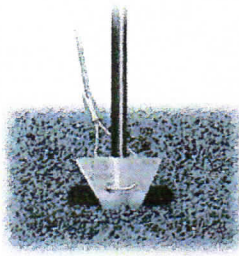
Anchor Locker

ENGINE POWER

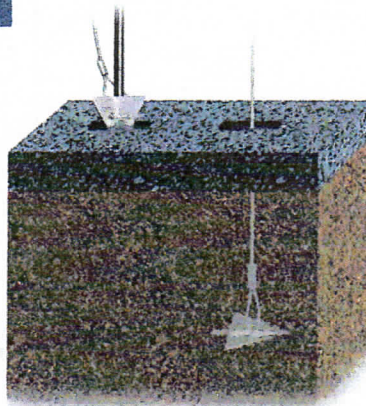


Through asphalt

Make slot through asphalt

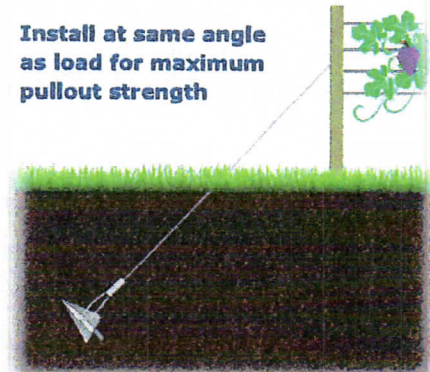


One method: Jackhammer with chisel



Non-vertical load

Install at same angle as load for maximum pullout strength





April 18, 2019

Re: Watergoat Cleanup Project of the Muddy River in Boston

To whom it may concern,

The Department of Conservation and Recreation (DCR) is writing to express our commitment to Watergoat Cleanup Project being pursued by the Muddy River Project with the fiscal support of the New England Grassroots Environment Fund.

Charlesgate Park has a rich history. It was Frederick Law Olmsted's first park project designed in Boston, and served as the gateway to the Emerald Necklace, connecting the Charles River to Franklin Park in Roxbury along the meandering Muddy River. 20th century development unfortunately has buried the park underneath the Bowker overpass and all of its connecting ramps and roadways. The Muddy River, diverted underground for a significant length, became a catch basin for all manner of runoff.

The 21st century has thus far been better to the Muddy River. The Army Corps of Engineers has daylighted the diverted section, and work continues in the water and on the banks to return it to its original state. However, downstream where the Muddy meets the Charles, the Charlesgate Park section of the collects all of the upstream debris.

The pilot of the Watergoat Surface Trash Collection System that the Muddy River Project has proposed has the DCR's full support after review and approval by DCR Stormwater Management. The DCR is appreciative of the energy and diligence needed to advance this important project.

Sincerely,

Leo P. Roy
Commissioner

Massachusetts Department of Conservation and Recreation

P: 617-626-4990

E: Leo.Roy@mass.gov

COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS

Department of Conservation and Recreation

351 Causeway Street, Suite 600

Boston, MA 02114-2119

617-626-1250 617-626-1251 Fax

www.mass.gov/orgs/department-of-conservation-recreation



Charles D. Baker

Governor

Kevin B. Pollak

Matthew A. Beaton, Secretary, Executive
Office of Energy & Environmental Affairs

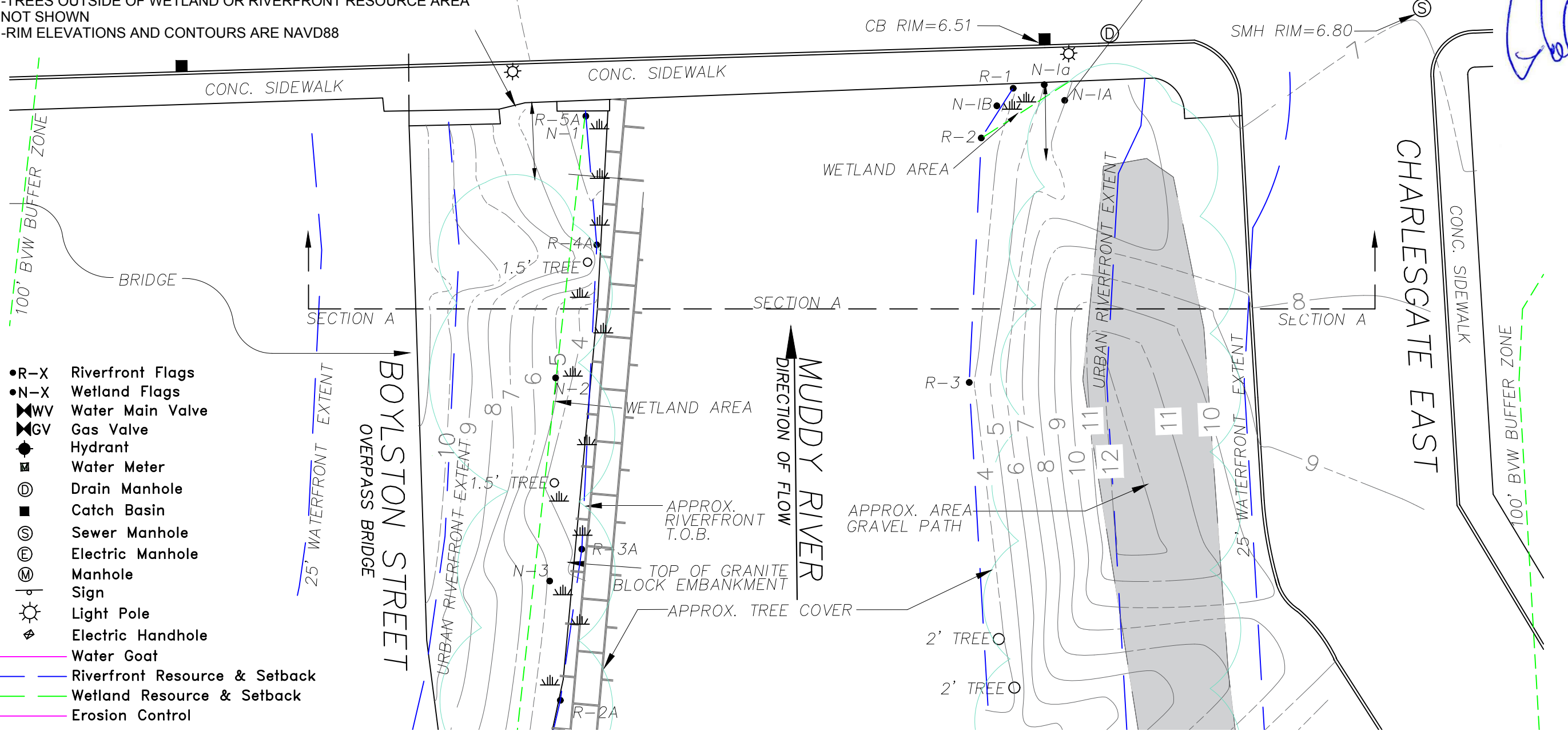
Leo Roy, Commissioner

Department of Conservation & Recreation

GENERAL NOTES:
 -WETLANDS AND RIVERFRONT FLAGGED BY ROBERT E. MARINI ON 12/19/2019
 -INSTRUMENT SURVEY CONDUCTED ON 1/2/2020
 -TREES OUTSIDE OF WETLAND OR RIVERFRONT RESOURCE AREA NOT SHOWN
 -RIM ELEVATIONS AND CONTOURS ARE NAVD88

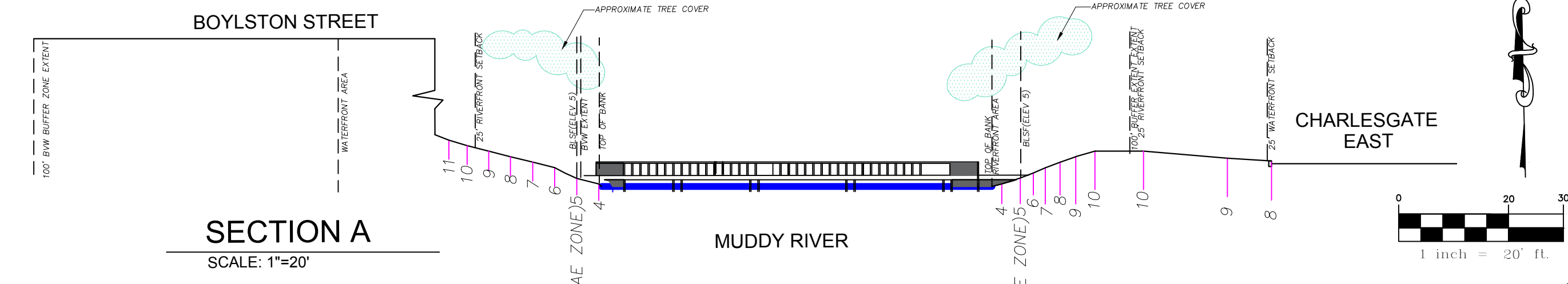
IPSWICH STREET
 (BWSC MAP NO. 221)

DATA POINTS(SEE BVW DATA FORMS)



- R-X Riverfront Flags
- N-X Wetland Flags
- ⊗ WV Water Main Valve
- ⊗ GV Gas Valve
- Hydrant
- Water Meter
- ⊙ Drain Manhole
- Catch Basin
- ⊙ Sewer Manhole
- ⊙ Electric Manhole
- ⊙ Manhole
- ⊙ Sign
- ☀ Light Pole
- ⊙ Electric Handhole
- Water Goat
- Riverfront Resource & Setback
- Wetland Resource & Setback
- Erosion Control
- Contours
- Wetlands

SITE PLAN
 SCALE: 1"=20'



SECTION A
 SCALE: 1"=20'



ROBERT E. MARINI, P.E., I.A., W.S. 2-11-2020

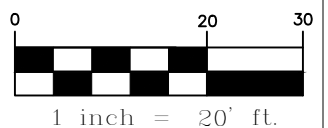
PREPARED FOR:
 CAROLINE REEVES, PHD
 Muddy Water Initiative
 CREEVES@POST.HARVARD.EDU
 617-448-2388

NativeTEC

ENVIRONMENTAL SCIENCE, CIVIL ENGINEERING, LANDSCAPE ARCHITECTURE & SURVEY
 31 MUNROE STREET LYNN, MASSACHUSETTS 01901
 TEL: 617.437.6461 FAX: 239.236.0444

PARTIAL SURVEY
 OF MUDDY RIVER IN
 BOSTON, MA

DATE IN: 1/14/2020 REVISED: 2/11/2020
 DRAWN BY: P.C.G. & REM
 CHECKED BY: REM

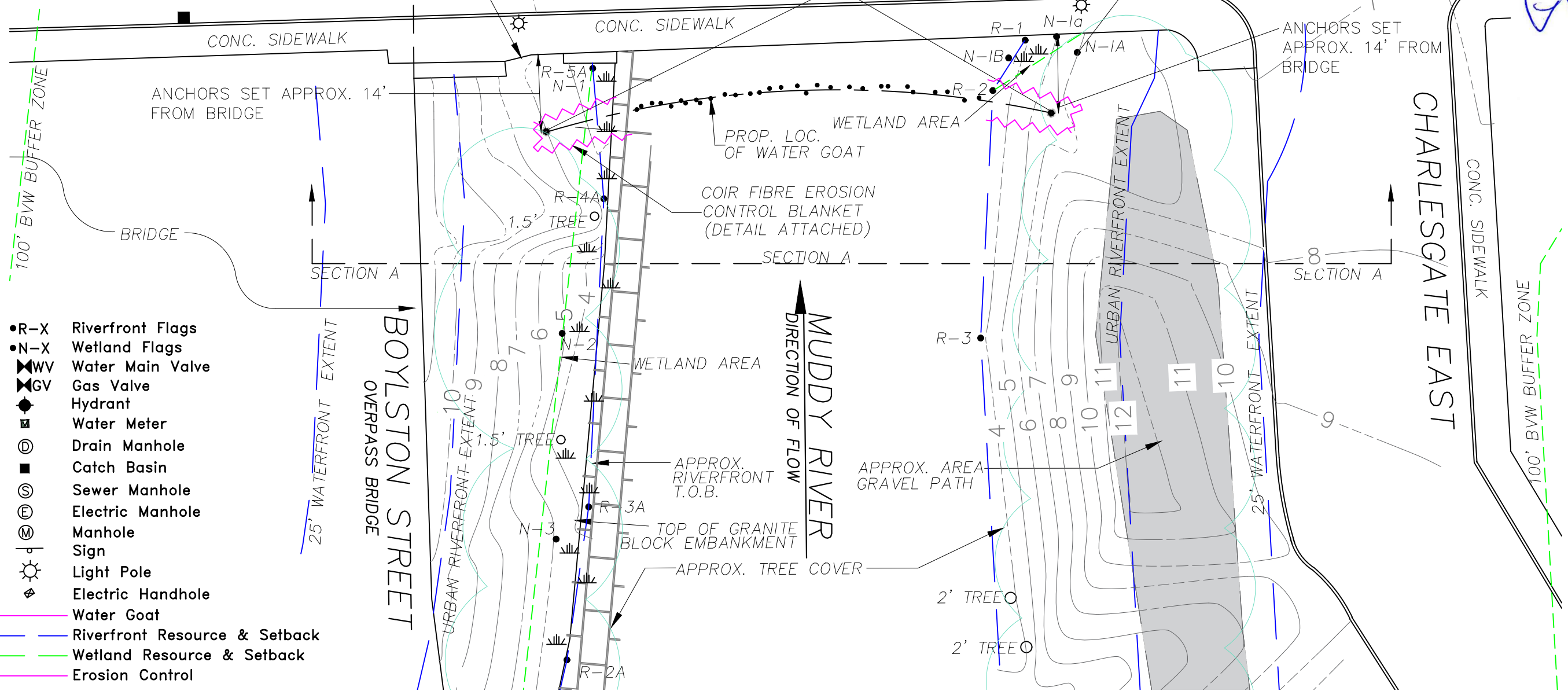


GENERAL NOTES:
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EARTH ANCHORS OF WATER GOAT THE ANGLE AND EXACT POSITIONING OF THE EARTH ANCHORS AND THEIR DEPTH OF INSTALLATION SHALL BE DETERMINED BY THE MANUFACTURER'S RECOMMENDATION

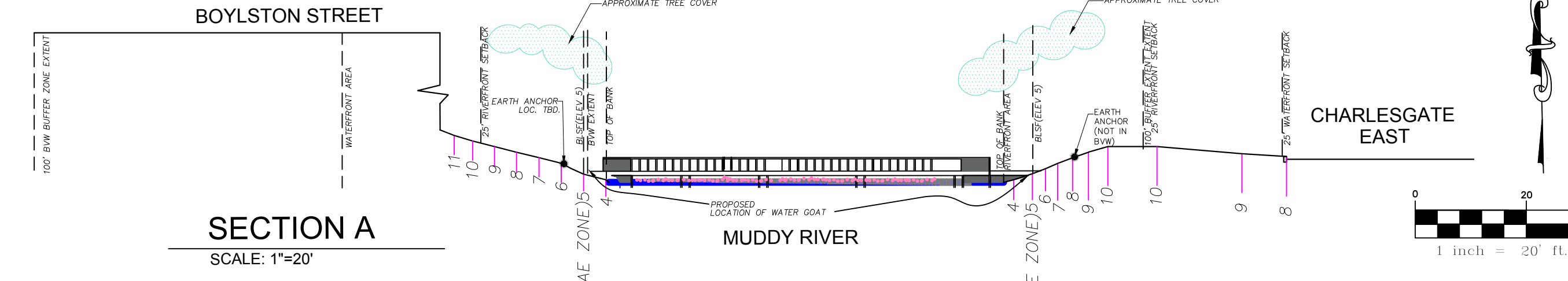
IPSWICH STREET
 (BWSC MAP NO. 221)

DATA POINTS(SEE BVW DATA FORMS)



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- 100— Contours
- Wetlands

SITE PLAN
 SCALE: 1"=20'



SECTION A
 SCALE: 1"=20'



ROBERT E. MARINI, P.E., I.A., W.S. 2-11-2020

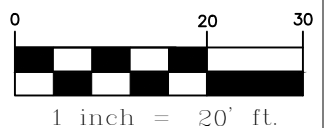
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 CAROLINE REEVES, PHD
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 31 MUNROE STREET LYNN, MASSACHUSETTS 01901
 TEL: 617.437.6461 FAX: 239.236.0444

NOI PLAN
OF MUDDY RIVER IN
BOSTON, MA

DATE IN: 1/14/2020 REVISED: 2/11/2020
 DRAWN BY: P.C.G. & REM
 CHECKED BY: REM





NOTICE OF INTENT - ABUTTERS INFORMATION

AFFIDAVIT OF SERVICE

I, Caroline Reeves, hereby certify under the pains and penalties that at least one week prior to the hearing I will give notification to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40; the Wetlands Protection Act Regulations (310 CMR 10.05); the DEP guide to Abutter Notification dated April 8, 1994, and the City of Boston Wetlands Ordinance, in connection to the following matter:

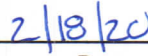
Submission of a Notice of Intent to the Boston Conservation Commission for the work associated with the proposed WaterGoat Pilot Project located on the Muddy River just upstream of the Ipswich Street Bridge. The NOI will be filed on February 19, 2020.

The project features seasonal deployment of a surface trash collecting boom (WaterGoat), for a pilot period of three years, within bank, riverfront area, bordering land subject to flooding, and waterfront area. The notification to abutters will be mailed no later than February 26, 2020.

The form of notification and the list of abutters to whom it is being given is attached to this Affidavit of Service.



Signature



Date



NOTIFICATION TO ABUTTERS
BOSTON CONSERVATION COMMISSION

In accordance with the Massachusetts Wetlands Protection Act, Massachusetts General Laws Chapter 131, Section 40, and the Boston Wetlands Ordinance, you are hereby notified as an abutter to a project filed with the Boston Conservation Commission.

A. The Muddy Water Initiative (MWI) has filed a Notice of Intent with the Boston Conservation Commission seeking permission to alter an Area Subject to Protection under the Wetlands Protection Act (General Laws Chapter 131, section 40) and Boston Wetlands Ordinance.

B. The address of the lot where the activity is proposed is Muddy River, Back Bay Fens, at Ipswich Street Bridge.

C. The project involves, as a pilot program, the seasonal installation of a floating storm water debris boom known as a WaterGoat on the Muddy River just upstream of the Ipswich Street Bridge, the purpose of which is to collect floating debris. The applicant, MWI, is a citizen-created environmental organization; the property owner is the Department of Conservation and Recreation. The work involves installing, monitoring and clearing trash from the boom during the summer and early fall, for a three year period. The boom will be attached to the ground via a 2-inch diameter earth anchor.

D. Copies of the Notice of Intent may be examined at **Boston City Hall** between the hours of **9 AM and 5 PM, Monday through Friday**. For more information, contact the Boston Conservation Commission at CC@boston.gov or (617) 635-3850.

E. Electronic copies of the Notice of Intent may be obtained from the applicant's representative, Cassandra Koutalidis, P.E., by calling 617-710-9449 or emailing c.koutalidis@gmail.com.

F. The public hearing will take place at Boston City Hall, Piemonte Room, 5th Floor, Boston, MA 02201.

G. Information regarding the date and time of the public hearing may be obtained from the **Boston Conservation Commission** by emailing CC@boston.gov or calling (617) 635-4416 between the hours of **9 AM to 5 PM, Monday through Friday**.

NOTE: Notice of the public hearing, including its date, time, and place, will be published at least five (5) days in advance in the **Boston Herald**.

NOTE: Notice of the public hearing, including its date, time, and place, will be posted on www.boston.gov/public-notices and in Boston City Hall not less than forty-eight (48) hours in advance.

NOTE: If you would like to provide comments, you may attend the public hearing or send written comments to CC@boston.gov or Boston City Hall, Environment Department, Room 709, 1 City Hall Square, Boston, MA 02201

NOTE: You also may contact the Boston Conservation Commission or the Department of Environmental Protection Northeast Regional Office for more information about this application or the Wetlands Protection Act. To contact DEP, call: the Northeast Region: (978) 694-3200.

No.	OWNER	ADDRESSEE	MLG_ADDRESS	MLG_CITYSTATE	MLG_ZIPCODE
1	BOYLSTON 1078 LIM PTR	BOYLSTON 1078 LIM PTR	39 BRIGHTON AV	ALLSTON MA	02134
2	BERKLEE COLLEGE OF MUSIC INC	BERKLEE COLLEGE OF MUSIC INC	1140 BOYLSTON ST	BOSTON MA	02215
3	THIRTEEN HAVILAND STREET LLC	THIRTEEN HAVILAND STREET LLC	105 PETERBOROUGH ST SUITE 2	BOSTON MA	02215
4	TWELVE HEMENWAY LLC	TWELVE HEMENWAY LLC	15 HAVILAND ST	BOSTON MA	02115
5	TWELVE HEMENWAY LLC	TWELVE HEMENWAY LLC	12 HEMENWAY ST	BOSTON MA	02115
6	M B H ASSOCIATES LPS	M B H ASSOCIATES LPS	39 BRIGHTON AV	ALLSTON MA	02134
7	STRAUSS GILLY TS	STRAUSS GILLY TS	173 MASSACHUSETTS AVE	BOSTON MA	02215
8	ONE 084 BOYLSTON ST LLC	ONE 084 BOYLSTON ST LLC	351 NEWBURY ST	BOSTON MA	02115
9	BOYLSTON 1078 LIM PTR	BOYLSTON 1078 LIM PTR	39 BRIGHTON AV	ALLSTON MA	02134
10	CORNER REALTY LLC	CORNER REALTY LLC	825 BEACON ST	NEWTON CTR MA	02459
11	FENWAY INC	FENWAY INC	197 PORTLAND ST #	BOSTON MA	02114
12	NORWAY HOUSING ASSOC LPS	NORWAY HOUSING ASSOC LPS	100 WELLS AVENUE	NEWTON MA	02459
13	HEMENWAY PARK DRIVE LLC	HEMENWAY PARK DRIVE LLC	625 MT AUBURN ST STE 210	CAMBRIDGE MA	02138
14	20 HEMENWAY ST LLC	20 HEMENWAY ST LLC	109 PETERBOROUGH ST SUITE E	BOSTON MA	02215
15	24 HAVILAND LLC	24 HAVILAND LLC	79 WESTLAND AV	BOSTON MA	02115
16	BURBANK APARTMENTS CO	BURBANK APARTMENTS CO	151 TREMONT ST PH	BOSTON MA	02111
17	MASS HISTORICAL SOCIETY	MASS HISTORICAL SOCIETY	1154 BOYLSTON	BOSTON MA	02215
18	BERKLEE SCHOOL OF MUSIC	BERKLEE SCHOOL OF MUSIC	1140 BOYLSTON ST - MS 168 AX	BOSTON MA	02215
19	MASS HISTORICAL SOC MASS	MASS HISTORICAL SOC MASS	70 BURBANK ST #2	BOSTON MA	02115
20	BOSTON CONSERVATORY RLTY CP	BOSTON CONSERVATORY RLTY CP	8 FENWAY	BOSTON MA	02215
21	HEMENWAY CONDOMINIUM TR	HEMENWAY CONDOMINIUM TR	39 HEMENWAY	BOSTON MA	02115
22	WELCH BERNARD C JR	WELCH BERNARD C JR	30 PETERBOROUGH ST #34	BOSTON MA	02215
23	THIRTY NINE HEMENWAY ST LLC	THIRTY NINE HEMENWAY ST LLC	39 HEMENWAY ST #3	BOSTON MA	02115
24	BURK ROBERT TS	BURK ROBERT TS	11 WALNUT HILL RD	CHESTNUT HILL MA	02467
25	NEVIN FAMILY REALTY TRUST	NEVIN FAMILY REALTY TRUST	39 HEMENWAY ST #4	BOSTON MA	02115
26	ZUCCARINO TODD W	ZUCCARINO TODD W	30 PETERBOROUGH ST APT 34	BOSTON MA	02215
27	KALBERER BRIAN	KALBERER BRIAN	39 HEMENWAY ST #6	BOSTON MA	02115
28	M&R CONDOMINIUMS LLC	M&R CONDOMINIUMS LLC	100 STATE ST #200	BOSTON MA	02109
29	ADAMO ANDREA	ADAMO ANDREA	4 GORDON PLACE	CAMBRIDGE MA	02139
30	WHITE RACHEL	WHITE RACHEL	16288 PLUM ROAD	CALDWELL ID	83607
31	THIRTY 9 HEMENWAY ST LLC	THIRTY 9 HEMENWAY ST LLC	1425 BRUSH HILL RD	MILTON MA	02186
32	HICKS PETER R TRST	HICKS PETER R TRST	BOX 87 READVILLE STATION	BOSTON MA	02137
33	AUCELLA RALPH	AUCELLA RALPH	39 HEMENWAY ST #12	BOSTON MA	02115
34	THIRTY NINE HEMENWAY ST LLC	THIRTY NINE HEMENWAY ST LLC	1425 BRUSH HILL RD	MILTON MA	02186
35	LIN KUANG-SHIN	LIN KUANG-SHIN	10986 E ROSCOMMON ST	TUCSON AZ	85747
36	CALA CLAUDIA	CALA CLAUDIA	1081 TOOKER AVE	W. BABYLON NY	11704
37	HAMADI SALMAN	HAMADI SALMAN	21 MAYBERRY AVE	MEDFORD MA	02155
38	BOGER BARBARA K	BOGER BARBARA K	39 HEMENWAY ST #18	BOSTON MA	02115
39	LYSEN GENE	LYSEN GENE	39 HEMENWAY ST #19	BOSTON MA	02115
40	BALOGLU ERKAN	BALOGLU ERKAN	39 HEMENWAY ST #20	BOSTON MA	02115
41	DONG YUHAN	DONG YUHAN	37 GROVE ST	WINCHESTER MA	01890
42	HICKS DOUGLAS	HICKS DOUGLAS	39 RIVERVIEW	AVON CT	06001
43	WELCH BERNARD C JR	WELCH BERNARD C JR	39 HEMENWAY ST UNIT #26	BOSTON MA	02115
44	BUONACCORSI MARY LOU	BUONACCORSI MARY LOU	39 HEMENWAY ST #27	BOSTON MA	02115
45	JP HEMENWAY ST LLC	JP HEMENWAY ST LLC	8 BEACON HILL RD	MARBLEHEAD MA	01945
46	FORTY-FIVE HEMENWAY STREET	FORTY-FIVE HEMENWAY STREET	45 HEMENWAY	BOSTON MA	02115
47	LYONS JAMES T JR BE	LYONS JAMES T JR BE	45 HEMENWAY ST #B	BOSTON MA	02115
48	KLEMENT GIANNOULA L	KLEMENT GIANNOULA L	45 HEMENWAY ST #1	BOSTON MA	02115
49	ALBAKOUSH ABDULHAMID WALID A	ALBAKOUSH ABDULHAMID WALID A	240 E 10TH ST #4B	NEW YORK NY	10003
50	SORRICRO MIKE	SORRICRO MIKE	45 HEMENWAY ST #3	BOSTON MA	02115
51	LIPTON STEVEN B TS	LIPTON STEVEN B TS	PO BOX 35035	BRIGHTON MA	02135
52	FIFTY 1 HEMENWAY ST CONDO TR	FIFTY 1 HEMENWAY ST CONDO TR	51 HEMENWAY	BOSTON MA	02115
53	GALLIS ROULA	GALLIS ROULA	51 HEMENWAY ST #B1	BOSTON MA	02115
54	AYER JOHN R	AYER JOHN R	51 HEMENWAY	BOSTON MA	02115
55	PATEL KEYUR	PATEL KEYUR	11 LAKEVIEW AV #3	READING MA	01867
56	WONG FRANCES	WONG FRANCES	51 HEMENWAY ST #1	BOSTON MA	02115
57	IZZI GERALD	IZZI GERALD	53 HEMENWAY ST #2	BOSTON MA	02115
58	ASGARY MAZDAK	ASGARY MAZDAK	51 HEMENWAY ST #3	BOSTON MA	02115
59	SMITH ROBIN	SMITH ROBIN	51 HEMENWAY ST #4	BOSTON MA	02115
60	TAI MARIO	TAI MARIO	51 HEMENWAY ST #5	BOSTON MA	02115
61	51 HEMENWAY IRREVOCABLE	51 HEMENWAY IRREVOCABLE	51 HEMENWAY ST #6	BOSTON MA	02115
62	FOURTY 4 THE FENWAY CONDO TR	FOURTY 4 THE FENWAY CONDO TR	44 FENWAY	BOSTON MA	02215
63	PHIFER J SCOTT TS	PHIFER J SCOTT TS	PO BOX 812736	WELLESLEY MA	02482
64	42 FENWAY CONDOMINIUM TRUST	42 FENWAY CONDOMINIUM TRUST	42 FENWAY ST	BOSTON MA	02115
65	42 FENWAY CONDO LLC	42 FENWAY CONDO LLC	295 HUNTINGTON AV SUITE 209	BOSTON MA	02115
66	GZ FENWAY LLC	GZ FENWAY LLC	30 PETERBOROUGH ST #34	BOSTON MA	02215
67	JAW INVESTMENT PROPERTIES	JAW INVESTMENT PROPERTIES	300 BOYLSTON ST UNIT 518	BOSTON MA	02116
68	TULLY DANIEL E	TULLY DANIEL E	18 WOODLAND DRIVE	DUNSTABLE MA	01827
69	MKES LLC	MKES LLC	61 CARY AVENUE	MILTON MA	02186
70	GZ FENWAY LLC	GZ FENWAY LLC	PO BOX 231016	BOSTON MA	02123
71	JAW INVESTMENT PROPERTIES	JAW INVESTMENT PROPERTIES	300 BOYLSTON ST #518	BOSTON MA	02116
72	ABBOTT BERNADETTE	ABBOTT BERNADETTE	42 FENWAY ST #6	BOSTON MA	02215
73	BOSTON CONSERVATORY OF MUSIC	BOSTON CONSERVATORY OF MUSIC	40 FENWAY	BOSTON MA	02115
74	QUADRANGLE INVESTMENTS LLC	QUADRANGLE INVESTMENTS LLC	2711 CENTERVILLE RD STE 400	WILMINGTON DE	19808
75	BOGOCH SAMUEL	BOGOCH SAMUEL	36 FENWAY	BOSTON MA	02215
76	X1 CHAPTER SIGMA ALPHA	X1 CHAPTER SIGMA ALPHA	34 THE FENWAY	BOSTON MA	02215
77	BOSTON CONSERVATORY	BOSTON CONSERVATORY	32 FENWAY	BOSTON MA	02115
78	THIRTY FENWAY CONDO TR	THIRTY FENWAY CONDO TR	30 FENWAY	BOSTON MA	02215
79	BAKALARS THOMAS	BAKALARS THOMAS	30 FENWAY ST #1	BOSTON MA	02215
80	MILLS DANA TS	MILLS DANA TS	30 FENWAY ST #2	BOSTON MA	02215

81	LASKY CAROL ETAL	LASKY CAROL ETAL	30 FENWAY ST #3	BOSTON MA	02215
82	KAPLAN RUTH TS	KAPLAN RUTH TS	30 FENWAY ST #4-A	BOSTON MA	02215
83	LASKY CAROL ETAL	LASKY CAROL ETAL	30 FENWAY ST #4-B	BOSTON MA	02215
84	MALCOLM COTTON BROWN	MALCOLM COTTON BROWN	287 CHESTNUT ST	NEWTON MA	02465
85	BOSTON CONSERVATORY	BOSTON CONSERVATORY	26 FENWAY	BOSTON MA	02115
86	BOSTON CONSERVATRY MUSIC	BOSTON CONSERVATRY MUSIC	8 FENWAY	BOSTON MA	02115
87	SOMERSET GARAGE CONDO TR	SOMERSET GARAGE CONDO TR	425 NEWBURY ST	BOSTON MA	02115
88	SALAMIPOUR HAMID	SALAMIPOUR HAMID	416 COMMONWEALTH AV #602	BOSTON MA	02215
89	LIN JING RUO	LIN JING RUO	390 COMMONWEALTH AV #404	BOSTON MA	02215
90	GROSSBART TED	GROSSBART TED	44C CLOUTMANS LN	MARBLEHEAD MA	01945
91	WHELAN ROBERT M JR	WHELAN ROBERT M JR	128 BEACON ST UNIT K	BOSTON MA	02116
92	SICILIANO DONNA A	SICILIANO DONNA A	89 WINTHROP RD #2	BROOKLINE MA	02445
93	ANCONA DEBORAH	ANCONA DEBORAH	416 COMMONWEALTH AV #305	BOSTON MA	02215
94	KILIC NURI	KILIC NURI	416 COMMONWEALTH AV #706	BOSTON MA	02215
95	FREED KENNETH TS	FREED KENNETH TS	PO BOX 170713	BOSTON MA	02217
96	STEERFORTH REALTY TRUST	STEERFORTH REALTY TRUST	50 CONGRESS ST STE 925	BOSTON MA	02109
97	SULLIVAN DALY CHRISTINE	SULLIVAN DALY CHRISTINE	31 WESTWARD DRIVE	CHATHAM MA	02633
98	SOMERSET UNIT 508 LLC	SOMERSET UNIT 508 LLC	60 WALNUT ST	WELLESLEY MA	02481
99	ZIMMERMAN RALPH	ZIMMERMAN RALPH	416 COMMONWEALTH AV #604	BOSTON MA	02215
100	PINE CONE PROPERTIES LLC	PINE CONE PROPERTIES LLC	236 NAHANT ROAD	NAHANT MA	01908
101	WERTHER CAROL	WERTHER CAROL	425 NEWBURY ST#141	BOSTON MA	02115
102	STOY JOESEPH EDWARD	STOY JOESEPH EDWARD	416 COMMONWEALTH AV #701	BOSTON MA	02215
103	MCMILLEN JULIE C	MCMILLEN JULIE C	PO BOX 2681	SAUSALITO CA	94966
104	ECEMIS MUSTAFA IHSAN	ECEMIS MUSTAFA IHSAN	416 COMMONWEALTH AV #606	BOSTON MA	02215
105	KEMPER STEPHEN G	KEMPER STEPHEN G	416 COMMONWEALTH AV #103	BOSTON MA	02215
106	FULKERSON JUDITH	FULKERSON JUDITH	PO BOX 149	CENTER SANDWICH NH	03227
107	SALAMIPOUR HAMID	SALAMIPOUR HAMID	416 COMMONWEALTH AVE #602	BOSTON MA	02215
108	WROE CANDICE M TS	WROE CANDICE M TS	416 COMMONWEALTH AV #707	BOSTON MA	02215
109	KEMPER STEPHEN G	KEMPER STEPHEN G	416 COMMONWEALTH AV #103	BOSTON MA	02215
110	LU MARK	LU MARK	390 COMMONWEALTH AV #PH1	BOSTON MA	02215
111	SWEDER KENNETH A	SWEDER KENNETH A	416 COMMONWEALTH AV #605	BOSTON MA	02215
112	JUDY A HABIB TRUST-2009	JUDY A HABIB TRUST-2009	416 COMMONWEALTH AV	BOSTON MA	02215
113	LAZARIS BARBARA P	LAZARIS BARBARA P	416 COMMONWEALTH AV	BOSTON MA	02215
114	WEINER ALAN M	WEINER ALAN M	464 COMMONWEALTH AV	BOSTON MA	02215
115	HENDI JUSTIN	HENDI JUSTIN	70 VALLEYVIEW TERRACE	MONTVALE NJ	07645
116	HENDI JUSTIN	HENDI JUSTIN	416 COMMONWEALTH AV #214	BOSTON MA	02215
117	ANTONUCCIO JEANETTE L	ANTONUCCIO JEANETTE L	126 ABONDANCE DR	PALM BEACH FL	33410
118	HORNER DAVID G	HORNER DAVID G	416 COMMONWEALTH AV #609	BOSTON MA	02215
119	MORSE PAULA	MORSE PAULA	2-5 BATTERY WHARF #4405	BOSTON MA	02109
120	BEAVERS LINDA W	BEAVERS LINDA W	1606 PALMA SOLA BLVD	BRADENTON FL	34209
121	LAZARIS BARBARA P	LAZARIS BARBARA P	416 COMMONWEALTH AVE #406	BOSTON MA	02215
122	OZDEMIR NAZLI MELAHAT	OZDEMIR NAZLI MELAHAT	416 COMMONWEALTH AV #402	BOSTON MA	02115
123	MISRA VINOD K	MISRA VINOD K	6 WAINWRIGHT RD	WINCHESTER MA	01890
124	SULISTIO LEE LEE	SULISTIO LEE LEE	416 COMMONWEALTH AV #219	BOSTON MA	02215
125	MARILL NINA	MARILL NINA	142 BRATTLE ST	CAMBRIDGE MA	02138
126	GOKCE NOYAN A TS	GOKCE NOYAN A TS	53 SHEFFIELD RD	NEWTONVILLE MA	02460
127	BERMAN VICTOR L	BERMAN VICTOR L	292 NEWBURY ST #166	BOSTON MA	02115
128	AL GOSAIBI EBTISSAM KHALIFA	AL GOSAIBI EBTISSAM KHALIFA	416 COMMONWEALTH AV #202	BOSTON MA	02215
129	KARABOTS DENISE E	KARABOTS DENISE E	416 COMMONWEALTH AV #407	BOSTON MA	02215
130	MEHANNA ROBERT	MEHANNA ROBERT	416 COMMONWEALTH AV #504	BOSTON MA	02215
131	BROWN PAUL A JR	BROWN PAUL A JR	416 COMMONWEALTH AV #121	BOSTON MA	02215
132	HABIB JUDY A	HABIB JUDY A	416 COMMONWEALTH AV #416	BOSTON MA	02215
133	DEPIERRO ALBERT R	DEPIERRO ALBERT R	P O BOX 81	REVERE MA	02151
134	SMITH TRACEY ANN	SMITH TRACEY ANN	988 BLVD OF THE ARTS	SARASOTA FL	34236
135	TOMS JAMES H TS	TOMS JAMES H TS	24 LINCOLN RD	MEDFORD MA	02155
136	LO CHI CHEUNG	LO CHI CHEUNG	416 COMMONWEALTH AV #501	BOSTON MA	02215
137	BANN DAVID SUYUNG TS	BANN DAVID SUYUNG TS	241 A ST SUITE #300	BOSTON MA	02210
138	PAPADEMETRIOU CONSTANTINE	PAPADEMETRIOU CONSTANTINE	416 COMMONWEALTH AV #612	BOSTON MA	02215
139	OZDEMIR NAZLI MELAHAT	OZDEMIR NAZLI MELAHAT	416 COMMONWEALTH AV #402	BOSTON MA	02215
140	DAOUST PAUL R	DAOUST PAUL R	416 COMMONWEALTH AVE #505	BOSTON MA	02215
141	MARGARIDA RAUL	MARGARIDA RAUL	416 COMMONWEALTH AV # 220	BOSTON MA	02215
142	BAILEY ANTHONY M	BAILEY ANTHONY M	416 COMMONWEALTH AV #102	BOSTON MA	02215
143	MONTANARI STEFANO	MONTANARI STEFANO	213 NEWBURY ST	BOSTON MA	02116
144	MARILL MARIAN	MARILL MARIAN	142 BRATTLE ST	CAMBRIDGE MA	02138
145	STOY JOSEPH EDWARD	STOY JOSEPH EDWARD	416 COMMONWEALTH AV #205	BOSTON MA	02115
146	IACOI JOHN M TS	IACOI JOHN M TS	LEWIS WHARF BAY 228	BOSTON MA	02110
147	SILBERSTEIN PETER J ETAL	SILBERSTEIN PETER J ETAL	55 WOODLAWN DR	CHESTNUT HILL MA	02467
148	KENEALLY AMY	KENEALLY AMY	416 COMMONWEALTH AV #319	BOSTON MA	02215
149	AUDREY HOPE PABIAN 1997	AUDREY HOPE PABIAN 1997	416 COMMONWEALTH AV #520	BOSTON MA	02215
150	REICHLIN ABBOTT L	REICHLIN ABBOTT L	416 COMMONWEALTH AV #519	BOSTON MA	02215
151	THREE90 COMMONWEALTH	THREE90 COMMONWEALTH	87 MAYO AV	GREENWICH CT	06830
152	ALSHARIKH ABDULAZEEZ A	ALSHARIKH ABDULAZEEZ A	575 BOYLSTON ST	BOSTON MA	02116
153	SABETI PARDIS	SABETI PARDIS	416 COMMONWEALTH AV #619	BOSTON MA	02115
154	LO CHI CHEUNG	LO CHI CHEUNG	416 COMMONWEALTH AV	BOSTON MA	02115
155	KELLAN ROBERT E TS	KELLAN ROBERT E TS	49 SUTTON HILL ROAD	NORTH ANDOVER MA	01845
156	JUDY A HABIB TRUST-2009	JUDY A HABIB TRUST-2009	416 COMMONWEALTH AV #417	BOSTON MA	02215
157	PSALTOS JOHN	PSALTOS JOHN	416 COMMONWEALTH AV #216	BOSTON MA	02115
158	KAMAL MOHAMMED	KAMAL MOHAMMED	416 COMM AV UN 517	BOSTON MA	02215
159	KHABIRI FARZAD TS	KHABIRI FARZAD TS	358 WILDWOOD AV	PIEDMONT CA	94611
160	SIEFERT ROBERT D	SIEFERT ROBERT D	416 COMMONWEALTH AV #516	BOSTON MA	02115
161	HICKS CHRISTIAN B	HICKS CHRISTIAN B	412 415 COMMONWEALTH AV #1	BOSTON MA	02215

162	VALENTINE ALEXANDER L	VALENTINE ALEXANDER L	4625 FIFTH AVE #707	PITTSBURGH PA	15213
163	SPANAREX INVMT HOLDINGS LLC	SPANAREX INVMT HOLDINGS LLC	390 COMMONWEALTH AV #606	BOSTON MA	02215
164	MCDERMOTT MICHAEL	MCDERMOTT MICHAEL	416 COMMONWEALTH AV #318	BOSTON MA	02215
165	PAPADEMETRIOU CONSTANTINE	PAPADEMETRIOU CONSTANTINE	416 COMMONWEALTH AV #612	BOSTON MA	02215
166	HABIB JUDY A	HABIB JUDY A	1 CONSTITUTION PLZ	CHARLESTOWN MA	02129
167	TRAMARJON LLC A MASS LIMITED	TRAMARJON LLC A MASS LIMITED	9 SOUTHFIELD DR	DOVER MA	02030
168	MCCORMACK PAUL J	MCCORMACK PAUL J	390 COMMONWEALTH AV #203	BOSTON MA	02215
169	RICHARD G COVITZ TRUST	RICHARD G COVITZ TRUST	492 BEACON ST #36	BOSTON MA	02215
170	VALENTINE ALEXANDER L	VALENTINE ALEXANDER L	4625 FIFTH AVE #707	PITTSBURGH PA	15213
171	XIE ZHEN	XIE ZHEN	416 COMMONWEALTH AV #711	BOSTON MA	02215
172	MORREALE CARMINE TS	MORREALE CARMINE TS	400 COMMONWEALTH AV #104B	BOSTON MA	02215
173	BAIRD CHRISTOPHER W	BAIRD CHRISTOPHER W	416 COMMONWEALTH AV #618	BOSTON MA	02215
174	MCCORMACK PAUL J	MCCORMACK PAUL J	390 COMMONWEALTH AV #203	BOSTON MA	02215
175	LINDSAY CAROLYN R	LINDSAY CAROLYN R	416 COMMONWEALTH AVE #714	BOSTON MA	02215
176	REAR FENMORE RLTY LLC	REAR FENMORE RLTY LLC	10 REDSTONE LANE	MARBLEHEAD MA	01945
177	LAU BOHGHEE	LAU BOHGHEE	416 COMMONWEALTH AV	BOSTON MA	02215
178	PAPADEMETRIOU CONSTANTINE	PAPADEMETRIOU CONSTANTINE	416 COMMONWEALTH AV #612	BOSTON MA	02215
179	ALSHARIKH ABDULAZEEZ A	ALSHARIKH ABDULAZEEZ A	575 BOYLSTON ST	BOSTON MA	02116
180	177 SOMERSET GARAGE REALTY	177 SOMERSET GARAGE REALTY	900 BEACH ROAD	VERO BEACH FL	32963
181	MORREALE CARMINE L TS	MORREALE CARMINE L TS	400 COMMONWEALTH AV #104B	BOSTON MA	02215
182	SUNFLOWER BAY LLC	SUNFLOWER BAY LLC	PO BOX 81505	WELLESLEY MA	02481
183	KILIC NURI	KILIC NURI	416 COMMONWEALTH AV # 706	BOSTON MA	02215
184	GIBBS ALISON J	GIBBS ALISON J	63 GREEN ST	NEWBURY MA	01951
185	CSAPO MARTHA MIREYA	CSAPO MARTHA MIREYA	425 NEWBURY ST #183	BOSTON MA	02215
186	SHAHAB RANA K	SHAHAB RANA K	PO BOX 9827	DHAHRON SAUDI ARABIA	31311
187	FRAAS STEFAN	FRAAS STEFAN	392 MARLBOROUGH ST #2	BOSTON MA	02115
188	BEAUMONT JORDAN W	BEAUMONT JORDAN W	173 OAK ST #202	NEWTON MA	02464
189	SURRETTE COLLEEN M	SURRETTE COLLEEN M	PO BOX 68	SWAMPSCOTT MA	01907
190	CANDAN MICHAEL	CANDAN MICHAEL	88 - 30 51 ST AVENUE	ELMHURST NY	11373
191	FULKERSON JUDITH T	FULKERSON JUDITH T	416 COMMONWEALTH AVE #217	BOSTON MA	02215
192	AMERI SARAH M	AMERI SARAH M	191 CLIFTON ST	BELMONT MA	02478
193	GALLUCCI MARK A	GALLUCCI MARK A	390 COMMONWEALTH AV #P-4	BOSTON MA	02215
194	PATTI LINDA	PATTI LINDA	10 HUNTER LA	LANCASTER MA	01523
195	JIM LIEB TRUST	JIM LIEB TRUST	4 STAGE COACH RUN	EAST BRUNSWICK NJ	08816
196	GURA GERALD	GURA GERALD	390 COMMONWEALTH AV #306	BOSTON MA	02215
197	DECKELBAUM LAWRENCE	DECKELBAUM LAWRENCE	390 COMMONWEALTH AV #210	BOSTON MA	02115
198	CHASE PETER R TS	CHASE PETER R TS	305 GRANGE PK	BRIDGEWATER MA	02324
199	JILANI FARIDA	JILANI FARIDA	219 WEST HYERDALE DRIVE	GOSHEN CT	06756
200	JOSEPH S HESSENTHALER TRUST	JOSEPH S HESSENTHALER TRUST	338 8TH AVE S	NAPLES FL	34102
201	FREED KENNETH TS	FREED KENNETH TS	PO BOX 170713	BOSTON MA	02117
202	DELAONO CHERYL	DELAONO CHERYL	PO BOX 567	HANSON MA	02341
203	SPANAREX INVESTMENT HOLDINGS	SPANAREX INVESTMENT HOLDINGS	390 COMMONWEALTH AV #413	BOSTON MA	02215
204	KLAINER SUZANNE B	KLAINER SUZANNE B	390 COMMONWEALTH AV # 302	BOSTON MA	02215
205	FULKERSON JUDITH T	FULKERSON JUDITH T	PO BOX 149	CENTER SANDWICH NH	03227
206	GORMAN MICHAEL	GORMAN MICHAEL	54 ROOSEVELT DR	TRUMBULL CT	06611
207	JACOBSON BARBARA N TS	JACOBSON BARBARA N TS	70 BEAVER RD	WESTON MA	02493
208	SOL ANA CRISTINA	SOL ANA CRISTINA	390 COMMONWEALTH AV #507	BOSTON MA	02215
209	RACHEL MANDY FONG	RACHEL MANDY FONG	390 COMMONWEALTH AV # 610	BOSTON MA	02215
210	DALY CHRISTINE M	DALY CHRISTINE M	31 WESTWARD HO DR	CHATHAM MA	02633
211	JIM LIEB TRUST	JIM LIEB TRUST	4 STAGE COACH RUN	EAST BRUNSWICK NJ	08816
212	KESSLER FINANCIAL SERVICES	KESSLER FINANCIAL SERVICES	855 BOYLSTON ST 9TH FLOOR	BOSTON MA	02116
213	FEBEO JAMES F JR	FEBEO JAMES F JR	390 COMMONWEALTH AV UNIT 308	BOSTON MA	02215
214	AKINS JENNIFER A	AKINS JENNIFER A	390 COMMONWEALTH AV #309	BOSTON MA	02215
215	MCAFFEE SIGRID	MCAFFEE SIGRID	1050 GEORGE ST	NEW BRUNSWICK NJ	08901
216	NEWBURY STREET CHARLES GATE	NEWBURY STREET CHARLES GATE	429 NEWBURY ST	BOSTON MA	02115
217	GARGANI CELIDE	GARGANI CELIDE	P O BOX 990123	BOSTON MA	02199
218	MILNER JOHN F	MILNER JOHN F	5600 W LOVERS LANE 116-302	DALLAS TX	75209
219	WELNA JOSEPH B	WELNA JOSEPH B	390 COMMONWEALTH AV #804	BOSTON MA	02215
220	GALLUCCI MARK A	GALLUCCI MARK A	37 AUSTIN ST	NEWTON MA	02460
221	SCHONBERG JONATHAN	SCHONBERG JONATHAN	390 COMMONWEALTH AV #609	BOSTON MA	02215
222	TALL LAURENCE	TALL LAURENCE	382 COMMONWEALTH AV #41	BOSTON MA	02115
223	MEYER JOHN E JR TS	MEYER JOHN E JR TS	396 COMMONWEALTH AV # D-1	BOSTON MA	02215
224	GRAHAM CHRISTINE	GRAHAM CHRISTINE	390 COMMONWEALTH AV #312	BOSTON MA	02215
225	WEINER BURTON M	WEINER BURTON M	464 COMMONWEALTH AV	BOSTON MA	02215
226	FREEDMAN DANIEL	FREEDMAN DANIEL	382 COMMONWEALTH AVE #63	BOSTON MA	02215
227	HSU PHILIP SIMON	HSU PHILIP SIMON	390 COMMONWEALTH AV # 501	BOSTON MA	02215
228	MO-YE FAMILY TRUST	MO-YE FAMILY TRUST	79 FLORENCE ST #5605	NEWTON MA	02467
229	GONZALES JOHN	GONZALES JOHN	390 COMMONWEALTH AV #707	BOSTON MA	02115
230	DHALLA SATISH	DHALLA SATISH	336 EAST MADISON AV	CRESSKILL NJ	07625
231	LAYTON MARGO	LAYTON MARGO	390 COMMONWEALTH AV #305	BOSTON MA	02215
232	LAZARIS BARBARA P	LAZARIS BARBARA P	50 CONGRESS ST STE 318	BOSTON MA	02109
233	EARLE HUBERT P JR	EARLE HUBERT P JR	410 INDIAN HARBOR RD	VERO BEACH FL	32963
234	ALOMANI SULAIMAN NUSF	ALOMANI SULAIMAN NUSF	575 BOYLSTON ST	BOSTON MA	02116
235	AKR TRUST	AKR TRUST	14 STONE POST ROAD	SALEM NH	03079
236	SCHMOLL LAURA J	SCHMOLL LAURA J	390 COMMONWEALTH AV #206	BOSTON MA	02115
237	GUPTA SANJAY	GUPTA SANJAY	390 COMMONWEALTH AV #502	BOSTON MA	02215
238	LIN JING RUO	LIN JING RUO	390 COMMONWEALTH AV #404	BOSTON MA	02215
239	PAUL GEORGE KALOOSDIAN 2016	PAUL GEORGE KALOOSDIAN 2016	390 COMMONWEALTH AV #506	BOSTON MA	02215
240	MERU MA LLC	MERU MA LLC	8320 GOVERNOR GRAYSON WA	ELLCOTT CITY MD	21043
241	KESSLER FINANCIAL SERVICES	KESSLER FINANCIAL SERVICES	855 BOYLSTON ST	BOSTON MA	02116
242	DEBRA L OATS 2014 REVOCABLE	DEBRA L OATS 2014 REVOCABLE	PO BOX 581	NORTH FALMOUTH MA	02556

243	STAHL ALVIN L	STAHL ALVIN L	390 COMMONWEALTH AV #201	BOSTON MA	02115
244	TY REALTY TRUST	TY REALTY TRUST	53 FELLSMERE RD	NEWTON MA	02459
245	LU MARK CK	LU MARK CK	390 COMMONWEALTH AV #PH-1	BOSTON MA	02215
246	ASKE SARA INES FARINA	ASKE SARA INES FARINA	390 COMMONWEALTH AV #701	BOSTON MA	02108
247	MARILL NINA	MARILL NINA	142 BRATTLE ST	CAMBRIDGE MA	02138
248	YEGUMIANS ARLETTE	YEGUMIANS ARLETTE	107 CLOCKTOWER DR #308	WALTHAM MA	02452
249	KUMAR VIKRAM	KUMAR VIKRAM	390 COMMONWEALTH AV APT #605	BOSTON MA	02215
250	CHASE PETER R	CHASE PETER R	305 GRANGE PARK	BRIDGEWATER MA	02324
251	OU ALICE TING CHUN	OU ALICE TING CHUN	390 COMMONWEALTH AV #505	BOSTON MA	02115
252	FARRELLY DONNA	FARRELLY DONNA	390 COMMONWEALTH AV #212	ALLSTON MA	02215
253	ROSH KV SETHI FAMILY LIVING	ROSH KV SETHI FAMILY LIVING	390 COMMONWEALTH AV #207	BOSTON MA	02115
254	PAUL GEORGE KALOOSDIAN 2016	PAUL GEORGE KALOOSDIAN 2016	390 COMMONWEALTH AV #506	BOSTON MA	02215
255	SANTOS MIGUEL A	SANTOS MIGUEL A	390 COMMONWEALTH AV #304	BOSTON MA	02215
256	FARRELLY DONNA	FARRELLY DONNA	390 COMMONWEALTH AV #212	BOSTON MA	02215
257	KRAMER JOAN FLORSHEIM	KRAMER JOAN FLORSHEIM	390 COMMONWEALTH AV #311	BOSTON MA	02215
258	KAPFHAMMER STEVEN	KAPFHAMMER STEVEN	PO BOX 171292	BOSTON MA	02117
259	ROY TRAVIS	ROY TRAVIS	390 COMMONWEALTH AV #711	BOSTON MA	02215
260	SENATORE JOHN	SENATORE JOHN	390 COMMONWEALTH AV #406	BOSTON MA	02215
261	LAZOR JOHN B TS	LAZOR JOHN B TS	4 STEVENS CIRCLE	WESTWOOD MA	02090
262	ROSSANO M P	ROSSANO M P	390 COMMONWEALTH AV #509	BOSTON MA	02215
263	BENWAY CHARLES H JR	BENWAY CHARLES H JR	2 ROOKS WAY	WESTFORD MA	01886
264	AQUIRRE AIDA	AQUIRRE AIDA	ISECA VIEJA 73-I	LIENDO SPAIN	39776
265	CHACKO JOHN D	CHACKO JOHN D	390 COMMONWEALTH AV #508	BOSTON MA	02215
266	SALAMIPOUR HAMID	SALAMIPOUR HAMID	416 COMMONWEALTH AV #602	BOSTON MA	02215
267	KHAJA SALIHA	KHAJA SALIHA	14445 CR 3	LONGMONT CO	80504
268	YAKAVONIS COURTNEY A	YAKAVONIS COURTNEY A	390 COMMONWEALTH AV #613	BOSTON MA	02215
269	CHUANG LILY L	CHUANG LILY L	38 STONEGATE DR	WETHERSFIELD CT	06109
270	MARTHA M SADLER REVOCABLE	MARTHA M SADLER REVOCABLE	965 VILLAGE LANE	SANTA BARBARA CA	93110
271	DELPRETE MARY	DELPRETE MARY	108 BREELEY BLVD	MELVILLE NY	11747
272	WHYTE JEMIMA	WHYTE JEMIMA	334A BEACON ST	SOMERVILLE MA	02143
273	WHYTE ARABELLA	WHYTE ARABELLA	334A BEACON ST	SOMERVILLE MA	02143
274	ABISSI MARTHA R	ABISSI MARTHA R	362 COMMONWEALTH AV #6A	BOSTON MA	02115
275	ALI ZAHRA AMEEN	ALI ZAHRA AMEEN	390 COMMONWEALTH AV 211	BOSTON MA	02215
276	BOSTON WINDSOR LLC	BOSTON WINDSOR LLC	PO BOX 265	DANVERS MA	01923
277	LU MARK	LU MARK	390 COMMONWEALTH AV #PH-1	BOSTON MA	02215
278	STASIEWSKI REALTY SERIES LLC	STASIEWSKI REALTY SERIES LLC	360 NEWBURY ST UNIT 806	BOSTON MA	02115
279	WHYTE CLEMENTINE	WHYTE CLEMENTINE	334A BEACON ST	SOMERVILLE MA	02143
280	WELZ VALDEMAR ETAL	WELZ VALDEMAR ETAL	179 HIGHLAND ST	MILTON MA	02186
281	WELNA JOSEPH B	WELNA JOSEPH B	390 COMMONWEALTH AV #804	BOSTON MA	02215
282	HAN YEUN-TONG	HAN YEUN-TONG	390 COMMONWEALTH AV #811	BOSTON MA	02115
283	BOYCE PARIS A	BOYCE PARIS A	390 COMMONWEALTH AV #812	BOSTON MA	02215
284	KIM PEI-LIN	KIM PEI-LIN	390 COMMONWEALTH AV PH-3	BOSTON MA	02115
285	MEYER JOHN I JR TS	MEYER JOHN I JR TS	93 CLAREMONT ST	NEWTON MA	02458
286	HUANG HUEI CHANG	HUANG HUEI CHANG	416 MARLBOROUGH ST UNIT 602	BOSTON MA	02115
287	ANDRES REALTY LLC	ANDRES REALTY LLC	416 COMMONWEALTH AV \$401	BOSTON MA	02215
288	NEWBURY ST CHARLES GATE RLTY	NEWBURY ST CHARLES GATE RLTY	429 NEWBURY ST	BOSTON MA	02115
289	HUON JENNY	HUON JENNY	390 COMMONWEALTH AVE #710	BOSTON MA	02115
290	425 NEWBURY SOMERSET GARAGE	425 NEWBURY SOMERSET GARAGE	400 SOUTH STREET	NEEDHAM MA	02492
291	GILT EDGE REALTY LLC	GILT EDGE REALTY LLC	10 MUSEUM WAY #2223	CAMBRIDGE MA	02141
292	MEYER JOHN I JR TS	MEYER JOHN I JR TS	388A COMMONWEALTH AV	BOSTON MA	02215
293	BUTANEY HIRO T	BUTANEY HIRO T	390 COMMONWEALTH AVE	BOSTON MA	02215
294	NATTEAU LEIVA B	NATTEAU LEIVA B	464 COMMONWEALTH AV #83	BOSTON MA	02215
295	MIZNER MARK D	MIZNER MARK D	425 NEWBURY ST #N19	BOSTON MA	02115
296	COMMONWEALTH STAR LLC	COMMONWEALTH STAR LLC	390 COMMONWEALTH AV #B-1	BOSTON MA	02115
297	MIZNER MARK A	MIZNER MARK A	400 COMMONWEALTH AV - 3RD FL	BOSTON MA	02215
298	FREED KENNETH TS	FREED KENNETH TS	PO BOX 170713	BOSTON MA	02117
299	MORREALE CARMINE L	MORREALE CARMINE L	400 COMMONWEALTH AV #104B	BOSTON MA	02215
300	MEYER JOHN I JR TS	MEYER JOHN I JR TS	388 A COMMONWEALTH AV	BOSTON MA	02215
301	PERRY DEBORAH H	PERRY DEBORAH H	416 COMMONWEALTH AV #511	BOSTON MA	02215
302	DEVITRE RUSTAM K	DEVITRE RUSTAM K	392 COMMONWEALTH AV #102	BOSTON MA	02215
303	COMMUNITIES FOR PEOPLE INC	COMMUNITIES FOR PEOPLE INC	418 COMMONWEALTH AV	BOSTON MA	02215
304	ROSENBAUM ROBERT S	ROSENBAUM ROBERT S	1915 CAPESIDE CIRCLE	WELLINGTON FL	33414
305	LAUGHARN JAMES	LAUGHARN JAMES	16 ROBINSON PARK	WINCHESTER MA	01890
306	FULEIHAN NABIL	FULEIHAN NABIL	16 PRESCOTT ST	BROOKLINE MA	02446
307	CYMBAL KENNETH M	CYMBAL KENNETH M	7 COWDRY LN	WAKEFIELD MA	01880
308	SABETI PARDIS	SABETI PARDIS	416 COMMONWEALTH AV # 619	BOSTON MA	02215
309	CHUANG EUGENE Y	CHUANG EUGENE Y	390 COMMONWEALTH AV UNIT 612	BOSTON MA	02215
310	ANNE C PRENDERGAST REVOCABLE	ANNE C PRENDERGAST REVOCABLE	360 NEWBURY ST #806	BOSTON MA	02115
311	M & K BERNSTEIN REALTY TRUST	M & K BERNSTEIN REALTY TRUST	416 COMMONWEALTH AVE #110	BOSTON MA	02215
312	SINDI FAIGA A A	SINDI FAIGA A A	416 COMMONWEALTH AVE #611	BOSTON MA	02215
313	KIM PEI-LIN	KIM PEI-LIN	390 COMMONWEALTH AV # P-3	BOSTON MA	02115
314	SYKES JAMES N	SYKES JAMES N	4 CHARLES GATE EAST APT 507	BOSTON MA	02215
315	LOHIYA MANU	LOHIYA MANU	390 COMMONWEALTH AV #805	BOSTON MA	02115
316	DRAY ISAAC	DRAY ISAAC	1 CHARLES ST SOUTH #606	BOSTON MA	02116
317	ROSENBAUM ROBERT J	ROSENBAUM ROBERT J	1915 CAPESIDE CIRCLE	WELLINGTON FL	33414
318	FREED KENN TS	FREED KENN TS	PO BOX 170713	BOSTON MA	02117
319	WELZ VALDEMAR	WELZ VALDEMAR	179 HIGHLAND ST	MILTON MA	02186
320	BOSTON EVENING	BOSTON EVENING	PO BOX 15720-KENMORE STA	BOSTON MA	02215
321	WEINER BURTON M	WEINER BURTON M	464 COMMONWEALTH AV	BOSTON MA	02215
322	FORKNER ADAM H	FORKNER ADAM H	12 MARLBOROUGH ST #3	BOSTON MA	02116
323	AFRITERRA LP	AFRITERRA LP	1201 5TH AVE NORTH SUITE 30	ST PETERSBURG FL	33705

324	NEWBURY STREET CHARLESGATE E	NEWBURY STREET CHARLESGATE E	429 NEWBURY ST	BOSTON MA	02115
325	VILLAMIL CARLOS F	VILLAMIL CARLOS F	416 COMMONWEALTH AV	BOSTON MA	02215
326	BEAVERS LINDA	BEAVERS LINDA	1606 PALMA SOLA BLVD	BRADENTON FL	34209
327	BOSTON EVENING	BOSTON EVENING	PO BOX 15720-KENMORE STA	BOSTON MA	02215
328	BOSTON EVENING	BOSTON EVENING	425 NEWBURY ST	BOSTON MA	02115
329	STASIOSKI RLTY SERIES LLC	STASIOSKI RLTY SERIES LLC	1716 COLUMBIA RD	SOUTH BOSTON MA	02127
330	OPERT LAWRENCE R TS	OPERT LAWRENCE R TS	400 COMMONWEALTH AV	BOSTON MA	02215
331	BROWN PATRICIA L	BROWN PATRICIA L	50 HEREFORD ST	BOSTON MA	02115
332	BROWN PAUL A JR	BROWN PAUL A JR	416 COMMONWEALTH AV #121	BOSTON MA	02115
333	ROSENBERG DIANE	ROSENBERG DIANE	118 HUNTINGTON AVE #1601	BOSTON MA	02116
334	GOKCE NOYAN	GOKCE NOYAN	53 SHEFFIELD RD	NEWTONVILLE MA	02460
335	SMITH TRACEY ANN	SMITH TRACEY ANN	988 BLVD OF THE ARTS	SARASOTA FL	34236
336	SPITALNY GLORIA	SPITALNY GLORIA	416 COMMONWEALTH AV #607 &	BOSTON MA	02215
337	BAPAT SUKHR	BAPAT SUKHR	390 COMMONWEALTH AV #310	BOSTON MA	02215
338	JJM REAL ESTATE HOLDINGS	JJM REAL ESTATE HOLDINGS	400 COMMONWEALTH AV STE 104D	BOSTON MA	02215
339	MARVEL JENNIFER V	MARVEL JENNIFER V	416 MARLBOROUGH ST #407	BOSTON MA	02115
340	ELKATSHA FAWZY	ELKATSHA FAWZY	416 MARLBOROUGH ST #801	BOSTON MA	02115
341	GALMARINI MARIA EUGENIA	GALMARINI MARIA EUGENIA	4 CHARLESGATE EAST #607	BOSTON MA	02215
342	HAMBERG AMANDA	HAMBERG AMANDA	5 SHERMAN WAY	HINGHAM MA	02043
343	OBRIEN MAUREEN A	OBRIEN MAUREEN A	73 ANGELA ST	CANTON MA	02021
344	TRAMARJON LLC	TRAMARJON LLC	9 SOUTHFIELD DR	DOVER MA	02030
345	OSULLIVAN MICHAEL	OSULLIVAN MICHAEL	7 WEST ST	WAKEFIELD MA	01880
346	LYONS KRISTINA L TS	LYONS KRISTINA L TS	P.O. BOX 6619	PORTSMOUTH NH	03802
347	JJM REAL EST HOLDINGS LLC	JJM REAL EST HOLDINGS LLC	400 COMMONWEALTH AV STE #104	BOSTON MA	02215
348	DAVIS CHRISTOPHER	DAVIS CHRISTOPHER	360 NEWBURY ST	BOSTON MA	02215
349	LU MARK	LU MARK	390 COMMONWEALTH AV #PH-1	BOSTON MA	02215
350	TULLY CAROL E	TULLY CAROL E	416 MARLBOROUGH ST #605	BOSTON MA	02115
351	ROSHAK PHILLIP	ROSHAK PHILLIP	318 COMMONWEALTH AV #2	BOSTON MA	02115
352	GRAHAM VICARY M	GRAHAM VICARY M	425 NEWBURY ST #A-28	BOSTON MA	02115
353	BONNEY ALISON	BONNEY ALISON	536 COMMERCIAL ST	BOSTON MA	02109
354	LIN WEN-JUI	LIN WEN-JUI	416 COMMONWEALTH AV #412	BOSTON MA	02115
355	MITCHELL CHRISTOPHER T	MITCHELL CHRISTOPHER T	649 SOUTH ST	NEEDHAM MA	02492
356	CHASE PETER R TS	CHASE PETER R TS	305 GRANGE PARK	BRIDGEWATER MA	02324
357	ROBINSON SHERRY A	ROBINSON SHERRY A	29 HEREFORD ST	BOSTON MA	02115
358	AMSALEM ANNIE M	AMSALEM ANNIE M	10 HAMLET ST	NEWTON MA	02459
359	LEE CHIYOKO TS	LEE CHIYOKO TS	416 MARLBOROUGH ST #301	BOSTON MA	02115
360	DRISCOLL LAWRENCE E	DRISCOLL LAWRENCE E	416 MARLBOROUGH ST #601	BOSTON MA	02115
361	LO CHI CHEUNG	LO CHI CHEUNG	416 COMMONWEALTH AV #501	BOSTON MA	02115
362	CALLAHAN JILL	CALLAHAN JILL	416 MARLBOROUGH ST #307	BOSTON MA	02115
363	MCMILLEN JULIE C	MCMILLEN JULIE C	PO BOX 2681	SAUSALITO CA	94966
364	SHIRE WILLOW B	SHIRE WILLOW B	1380 SAMOSET RD	EASTHAM MA	02642
365	HALL ANDREW M TS	HALL ANDREW M TS	100 CENTRAL AVE APT 1011	SARASOTA FL	34236
366	BAY-MARLBOROUGH LLC	BAY-MARLBOROUGH LLC	17 TWILLINGATE LANE	SUDBURY MA	01776
367	SMITH TRACEY ANN	SMITH TRACEY ANN	988 BLVD OF THE ARTS	SARASOTA FL	34236
368	SIEFERT ROBERT	SIEFERT ROBERT	28 CRESTWOOD RD	NORTH READING MA	01864
369	SOMERSET CONDO TR	SOMERSET CONDO TR	416 COMMONWEALTH AV	BOSTON MA	02215
370	ZAYTMAN GREGORY TS	ZAYTMAN GREGORY TS	63 WEBSTER PK	NEWTON MA	02465
371	MARILL NINA	MARILL NINA	142 BRATTLE ST	CAMBRIDGE MA	02138
372	BAILEY ANTHONY M	BAILEY ANTHONY M	416 COMMONWEALTH AV #102	BOSTON MA	02215
373	KEMPER STEPHEN G	KEMPER STEPHEN G	416 COMMONWEALTH AV #103	BOSTON MA	02215
374	STARR RICHARD N	STARR RICHARD N	970 16TH PLACE	VERO BEACH FL	32960
375	STEERFORTH REALTY TRUST	STEERFORTH REALTY TRUST	50 CONGRESS ST STE 925	BOSTON MA	02109
376	AL GOSAIBI EBTISSAM KHALIFA	AL GOSAIBI EBTISSAM KHALIFA	416 COMMONWEALTH AV #202	BOSTON MA	02215
377	MCMILLEN JULIE C	MCMILLEN JULIE C	PO BOX 31	PORTLAND ME	04101
378	STOY JOSEPH EDWARD	STOY JOSEPH EDWARD	416 COMMONWEALTH AV #205	BOSTON MA	02215
379	CHAN DAVID	CHAN DAVID	416 COMMONWEALTH AV #209	BOSTON MA	02215
380	BEAUMONT JORDAN W	BEAUMONT JORDAN W	173 OAK ST # 202	NEWTON MA	02464
381	BURKE RUTH M	BURKE RUTH M	416 COMMONWEALTH AV #211	BOSTON MA	02215
382	KILIC NURI	KILIC NURI	416 COMMONWEALTH AV #706	BOSTON MA	02215
383	HENDI JUSTIN	HENDI JUSTIN	416 COMMONWEALTH AV #214	BOSTON MA	02215
384	GORESH ANDREW TS	GORESH ANDREW TS	416 COMMONWEALTH AV #215	BOSTON MA	02215
385	PSALTOS JOHN	PSALTOS JOHN	416 COMMONWEALTH AV #216	BOSTON MA	02215
386	SUNFLOWER BAY LLC	SUNFLOWER BAY LLC	PO BOX 81505	WELLESLEY MA	02481
387	BERMAN VICTOR L	BERMAN VICTOR L	292 NEWBURY ST #166	BOSTON MA	02115
388	FULKERSON JUDITH	FULKERSON JUDITH	PO BOX 149	CENTER SANDWICH NH	03227
389	ALMATHKOOR WADHA A.M.A.	ALMATHKOOR WADHA A.M.A.	575 BOYLSTON ST	BOSTON MA	02116
390	ANCONA DEBORAH	ANCONA DEBORAH	416 COMMONWEALTH AV #305	BOSTON MA	02215
391	PINE CONE PROPERTIES LLC	PINE CONE PROPERTIES LLC	236 NAHANT ROAD	NAHANT MA	01908
392	CANDAN MICHAEL	CANDAN MICHAEL	88 - 30 51ST AVENUE	ELMHURST NY	11373
393	KHABIRI FARZAD TS	KHABIRI FARZAD TS	358 WILDWOOD AV	PIEDMONT CA	94611
394	FULKERSON JUDITH T	FULKERSON JUDITH T	PO BOX 149	CENTER SANDWICH NH	03227
395	EMIROGLU MEHMET H	EMIROGLU MEHMET H	416 COMMONWEALTH AV #314	BOSTON MA	02215
396	ANTONUCCIO JEANETTE L	ANTONUCCIO JEANETTE L	126 ABONDANCE DR	PALM BEACH FL	33410
397	CSAPO MARTHA MIREYA	CSAPO MARTHA MIREYA	416 COMMONWEALTH AV #316	BOSTON MA	02215
398	MORREALE FAMILY REALTY	MORREALE FAMILY REALTY	416 COMMONWEALTH AV #317	BOSTON MA	02215
399	OZDEMIR NAZLI MELAHAT	OZDEMIR NAZLI MELAHAT	416 COMMONWEALTH AV #402	BOSTON MA	02215
400	KESSLER FINANCIAL SERVICES	KESSLER FINANCIAL SERVICES	855 BOYLSTON ST	BOSTON MA	02216
401	LAZARIS BARBARA P	LAZARIS BARBARA P	416 COMMONWEALTH AV #406	BOSTON MA	02215
402	KARABOTS DENISE E	KARABOTS DENISE E	416 COMMONWEALTH AV #407	BOSTON MA	02215
403	BAHRI AJAY	BAHRI AJAY	416 COMMONWEALTH AV #408	BOSTON MA	02215
404	ANAND REAL ESTATE LLC	ANAND REAL ESTATE LLC	PO BOX 1245	CONCORD MA	01742

405	GOKCE NOYAN A	GOKCE NOYAN A	53 SHEFFIELD RD	NEWTONVILLE MA	02460
406	AMSALEM ANNIE M	AMSALEM ANNIE M	10 HAMLET ST	NEWTON CENTRE MA	02459
407	LIN WEN-JUI	LIN WEN-JUI	416 COMMONWEALTH AV #412	BOSTON MA	02215
408	WISNESKI ASHLEY H	WISNESKI ASHLEY H	416 COMMONWEALTH AV #414	BOSTON MA	02215
409	JUDY A HABIB TRUST-2009	JUDY A HABIB TRUST-2009	416 COMMONWEALTH AV # 415	BOSTON MA	02215
410	HABIB JUDY A	HABIB JUDY A	416 COMMONWEALTH AVE APT 416	BOSTON MA	02115
411	LO CHI CHEUNG	LO CHI CHEUNG	416 COMMONWEALTH AV #501	BOSTON MA	02215
412	KELLAN ROBERT E TS	KELLAN ROBERT E TS	49 SUTTON HILL ROAD	NORTH ANDOVER MA	01845
413	SULLIVAN DALY CHRISTINE	SULLIVAN DALY CHRISTINE	31 WESTWARD 1-6 DRIVE	CHATHAM MA	02633
414	MEHANNA ROBERT	MEHANNA ROBERT	416 COMMONWEALTH AV #504	BOSTON MA	02215
415	DAOUST PAUL R	DAOUST PAUL R	416 COMMONWEALTH AVE #505	BOSTON MA	02215
416	WEINER ALAN M	WEINER ALAN M	464 COMMONWEALTH AV	BOSTON MA	02215
417	SOMERSET UNIT 508 LLC	SOMERSET UNIT 508 LLC	60 WALNUT ST	WELLESLEY MA	02481
418	SYNODINOS MARIA	SYNODINOS MARIA	949 AMESBURY RD	HAVERHILL MA	01830
419	PERRY DEBORAH H	PERRY DEBORAH H	416 COMMONWEALTH AV #511	BOSTON MA	02215
420	HAZEN LISA A	HAZEN LISA A	416 COMMONWEALTH AV #512	BOSTON MA	02215
421	LAU BOHGHEE	LAU BOHGHEE	416 COMMONWEALTH AV 514	BOSTON MA	02215
422	MEYER RICKI B TS	MEYER RICKI B TS	416 COMMONWEALTH AV #515	BOSTON MA	02215
423	SIEFERT ROBERT D	SIEFERT ROBERT D	416 COMMONWEALTH AV #516	BOSTON MA	02215
424	KAMAL MOHAMMED	KAMAL MOHAMMED	416 COMMONWEALTH AV #517	BOSTON MA	02215
425	BANN DAVID SUYUNG	BANN DAVID SUYUNG	241 A ST SUITE #300	BOSTON MA	02210
426	SALAMIPOUR HAMID	SALAMIPOUR HAMID	416 COMMONWEALTH AV #602	BOSTON MA	02215
427	ZIMMERMAN RALPH	ZIMMERMAN RALPH	416 COMMONWEALTH AV #604	BOSTON MA	02215
428	SWEDER KENNETH A	SWEDER KENNETH A	416 COMMONWEALTH AV #605	BOSTON MA	02215
429	ECEMIS MUSTAFA IHSAN	ECEMIS MUSTAFA IHSAN	416 COMMONWEALTH AV #606	BOSTON MA	02215
430	SPITALNY GLORIA	SPITALNY GLORIA	416 COMMONWEALTH AV #607 &	BOSTON MA	02215
431	GOKCE NOYAN A TS	GOKCE NOYAN A TS	53 SHEFFIELD RD	NEWTONVILLE MA	02460
432	HORNER DAVID G	HORNER DAVID G	416 COMMONWEALTH AV #609	BOSTON MA	02215
433	WU JAMES	WU JAMES	416 COMMONWEALTH AV #610	BOSTON MA	02215
434	SINDI FAIGA A A	SINDI FAIGA A A	416 COMMONWEALTH AVE #611	BOSTON MA	02215
435	PAPADEMETRIOU CONSTANTINE	PAPADEMETRIOU CONSTANTINE	416 COMMONWEALTH AV #612	BOSTON MA	02215
436	JILANI FARIDA	JILANI FARIDA	219 WEST HYERDALE DR	GOSHEN CT	06756
437	LIN RYHFU	LIN RYHFU	416 COMMONWEALTH AV #615	BOSTON MA	02215
438	AMERI SARAH M	AMERI SARAH M	416 COMMONWEALTH AVE #616	BOSTON MA	02215
439	STOY JOSEPH EDWARD	STOY JOSEPH EDWARD	416 COMMONWEALTH AV #701	BOSTON MA	02215
440	TANG TRACY TIANLY	TANG TRACY TIANLY	416 COMMONWEALTH AV #702	BOSTON MA	02215
441	SAILLANT VIRGINIA M	SAILLANT VIRGINIA M	416 COMMONWEALTH AV # 703	BOSTON MA	02215
442	ZEH SUMMER B	ZEH SUMMER B	29 GRAYSON LANE	NEWTON MA	02462
443	KILIC NURI ETAL	KILIC NURI ETAL	416 COMMONWEALTH AV #706	BOSTON MA	02215
444	WROE CANDICE M TS	WROE CANDICE M TS	PO BOX 879	EAST DENNIS MA	02641
445	AMBELIOTIS ELIZABETH B	AMBELIOTIS ELIZABETH B	41A WINGAERSHECK ROAD	GLOUCESTER MA	01930
446	FECHTOR KENNETH	FECHTOR KENNETH	416 COMMONWEALTH AV #709	BOSTON MA	02215
447	BEAVERS ALEX	BEAVERS ALEX	1606 PALMA SOLA BLVD	BRADENTON FL	34209
448	XIE ZHEN	XIE ZHEN	416 COMMONWEALTH AV #711	BOSTON MA	02215
449	LINDSAY CAROLYN R TS	LINDSAY CAROLYN R TS	416 COMMONWEALTH AVE #714	BOSTON MA	02215
450	LO CHI CHEUNG	LO CHI CHEUNG	416 COMMONWEALTH AV #715	BOSTON MA	02215
451	SWEDER KENNETH A	SWEDER KENNETH A	416 COMMONWEALTH AV #605	BOSTON MA	02215
452	TARTAGLIA FAMILY NOMINEE	TARTAGLIA FAMILY NOMINEE	416 COMMONWEALTH AV #218	BOSTON MA	02215
453	SULISTIO LEE LEE	SULISTIO LEE LEE	416 COMMONWEALTH AV #219	BOSTON MA	02215
454	MARGARIDA RAUL	MARGARIDA RAUL	416 COMMONWEALTH AV # 220	BOSTON MA	02215
455	MCDERMOTT MICHAEL	MCDERMOTT MICHAEL	416 COMMONWEALTH AV #318	BOSTON MA	02215
456	KENEALLY AMY	KENEALLY AMY	416 COMMONWEALTH AV #319	BOSTON MA	02215
457	SHAHAB RANA K A	SHAHAB RANA K A	SAUDI ARAMCO PO BOX 9827	DHAHRAN SAUDI ARABIA	31311
458	EDELSTEIN RALPH J TS	EDELSTEIN RALPH J TS	82 BOYLES ST	BEVERLY MA	01915
459	MONTANARI STEFANO	MONTANARI STEFANO	213 NEWBURY ST	BOSTON MA	02216
460	PHK SOMERSET REALTY TRUST	PHK SOMERSET REALTY TRUST	900 BEACH RD	VERO BEACH FL	32963
461	XU BOWEI	XU BOWEI	416 COMMONWEALTH AV # 518	BOSTON MA	02215
462	REICHLIN ABBOTT L	REICHLIN ABBOTT L	416 COMMONWEALTH AV #519	BOSTON MA	02215
463	AUDREY HOPE PABIAN 1997	AUDREY HOPE PABIAN 1997	416 COMMONWEALTH AV #520	BOSTON MA	02215
464	BAIRD CHRISTOPHER W	BAIRD CHRISTOPHER W	416 COMMONWEALTH AV #618	BOSTON MA	02215
465	SABETI PARDIS	SABETI PARDIS	416 COMMONWEALTH AV #619	BOSTON MA	02215
466	ALSHARIKH ABDULAZEEZ A	ALSHARIKH ABDULAZEEZ A	575 BOYLSTON ST	BOSTON MA	02116
467	M & K BERNSTEIN REALTY TRUST	M & K BERNSTEIN REALTY TRUST	416 COMMONWEALTH AV #110	BOSTON MA	02215
468	KURAGAYALA NANDINI	KURAGAYALA NANDINI	2304 S LAKELINE BLVD #503	CEDAR PARK TX	78613
469	TOMS JAMES H TS	TOMS JAMES H TS	24 LINCOLN RD	MEDFORD MA	02155
470	ZA REALTY TRUST	ZA REALTY TRUST	4 DAMASCUS DR	MARLBORO NJ	07746
471	FARAHMAND ARYA	FARAHMAND ARYA	14 WARBLER SPRINGS RD	LINCOLN MA	01773
472	PAPADEMETRIOU CONSTANTINE	PAPADEMETRIOU CONSTANTINE	416 COMMONWEALTH AV #612	BOSTON MA	02215
473	JEANLOZ THEODORE	JEANLOZ THEODORE	416 COMMONWEALTH AVE #118	BOSTON MA	02215
474	FRAAS STEFAN	FRAAS STEFAN	392 MARLBORORUGH ST #2	BOSTON MA	02115
475	WANG JING	WANG JING	27 CLARK LANE	WALTHAM MA	02451
476	BROWN PAUL A JR	BROWN PAUL A JR	416 COMMONWEALTH AV #121	BOSTON MA	02215
477	AFRITERRA LP	AFRITERRA LP	1201 5TH AVE NORTH SUITE 30	ST PETERSBURG FL	33705
478	MORREALE CARMINE L	MORREALE CARMINE L	400 COMMONWEALTH AVE #104-B	BOSTON MA	02215
479	MITCHELL STEPHANIE	MITCHELL STEPHANIE	400 COMMONWEALTH AV #104C	BOSTON MA	02215
480	JJM REAL ESTATE HOLDINGS LLC	JJM REAL ESTATE HOLDINGS LLC	400 COMMONWEALTH AVE STE 104	BOSTON MA	02215
481	QUINN JAMES F JR	QUINN JAMES F JR	400 COMMONWEALTH AV &	BOSTON MA	02215
482	COMMUNITIES FOR PEOPLE INC	COMMUNITIES FOR PEOPLE INC	418 COMMONWEALTH AV	BOSTON MA	02215
483	NEWBURY ST CHARLES GATE	NEWBURY ST CHARLES GATE	429 NEWBURY ST	BOSTON MA	02115
484	FULEIHAN NABIL	FULEIHAN NABIL	16 PRESCOTT ST	BROOKLINE MA	02446
485	FULEIHAN GHADA	FULEIHAN GHADA	16 PRESCOTT ST	BROOKLINE MA	02446

486	DAUGHTERS OF MARY	DAUGHTERS OF MARY	20 CHARLESGATE WEST	BOSTON MA	02215
487	TAURUS 523 HOLDINGS LLC	TAURUS 523 HOLDINGS LLC	88 BLACK FALCON AV STE 340	BOSTON MA	02210
488	HAMILTON BOYLSTON ST LLC	HAMILTON BOYLSTON ST LLC	39 BRIGHTON AV	BOSTON MA	02134
489	INBAR DANI SHAUL	INBAR DANI SHAUL	27 WOOD RIDGE RD	WESTON MA	02493
490	LE TAM	LE TAM	1091 BOYLSTON ST #2	BOSTON MA	02215
491	TSAI JULIA C	TSAI JULIA C	1111 S GRAND AVE #804	LOS ANGELES CA	90015
492	SELIVERSTOV ANATOL	SELIVERSTOV ANATOL	20 WOODVIEW DR #C	FLAMOUTH MA	02540
493	DAARY LLC	DAARY LLC	PO BOX 590496	NEWTON CENTER MA	02459
494	DIAMOND SCOTT M	DIAMOND SCOTT M	1091 BOYLSTON ST #8	BOSTON MA	02215
495	BLUE PINE TREE LLC	BLUE PINE TREE LLC	9 MAJESTIC AV	NASHUA NH	03063
496	YANG BIFENG	YANG BIFENG	1091 BOYLSTON ST #21	BOSTON MA	02215
497	HO SIOIN DORIS	HO SIOIN DORIS	1091 BOYLSTON ST # 23	BOSTON MA	02215
498	BLUESTEIN DEBORAH	BLUESTEIN DEBORAH	1091 BOYLSTON ST #24	BOSTON MA	02115
499	XING LIYAN	XING LIYAN	1091 BOYLSTON ST UNIT 25	BOSTON MA	02215
500	WONG LIEN FEN	WONG LIEN FEN	31 EDMERE ROAD	QUINCY MA	02169
501	GOLDSTEIN KENNETH M TS	GOLDSTEIN KENNETH M TS	1010 AVE OF THE AMERICAS 4TH	NEW YORK NY	10018
502	BOYLSTON ST REAL ESTATE LLC	BOYLSTON ST REAL ESTATE LLC	497 HOOKSETT RD #245	MANCHESTER NH	03104
503	LEE SZE ON	LEE SZE ON	10 BREAKWATER DR	CHELSEA MA	02150
504	SAAL DIANA	SAAL DIANA	4107 42ND ST #1B	SUNNYSIDE NY	11104
505	INBAR DANI SHAUL	INBAR DANI SHAUL	27 WOOD RIDGE RD	WESTON MA	02493
506	ONG ROGER	ONG ROGER	1091 BOYLSTON ST UNIT #33	BOSTON MA	02215
507	LEUNG KENNETH	LEUNG KENNETH	1091 BOYLSTON ST #34	BOSTON MA	02215
508	ONE 091 BOYLSTON UNIT 35 LLC	ONE 091 BOYLSTON UNIT 35 LLC	896 BEACON ST	BOSTON MA	02215
509	ARMS NANCY	ARMS NANCY	20 LOTHROP ST	NEWTON MA	02460
510	ONE 091 BOYLSTON ST 37 LLC	ONE 091 BOYLSTON ST 37 LLC	12471 MANDERLEY WAY	OAK HILL VA	20171
511	CALDERON CLIVER G	CALDERON CLIVER G	35 CAPRON RD	SMITHFIELD RI	02917
512	QIN PING	QIN PING	1091 BOYLSTON ST #41	BOSTON MA	02215
513	CRM REALTY LLC	CRM REALTY LLC	10 REDSTONE LA	MARBLEHEAD MA	01945
514	DAARY LLC	DAARY LLC	PO BOX 590496	NEWTON CENTER MA	02459
515	YUAN WENLIN	YUAN WENLIN	1091 BOYLSTON ST #47	BOSTON MA	02215
516	SOARES TERESA C	SOARES TERESA C	19 BEVERLY RD	ARLINGTON MA	02474
517	GARCZYNSKA BARBARA	GARCZYNSKA BARBARA	1091 BOYLSTON ST #49	BOSTON MA	02215
518	MADDI SIDDHARTA	MADDI SIDDHARTA	1091 BOYLSTON ST #55	BOSTON MA	02215
519	LARSEN KATHRYN	LARSEN KATHRYN	PO BOX 599	NORWAY ME	04268
520	FELDMAN MARY J	FELDMAN MARY J	26 LONDONDERRY LANE	GETZVILLE NY	14068
521	FENG HAIHUA	FENG HAIHUA	59 RUSSETT HILL RD	SHERBORN MA	01770
522	CONGREGATION OF OBLATES	CONGREGATION OF OBLATES	2 IPSWICH ST	BOSTON MA	02215
523	FENMORE CONDOMINIUM TR	FENMORE CONDOMINIUM TR	1109 BOYLSTON	BOSTON MA	02215
524	HICKEY BRIAN	HICKEY BRIAN	20 MORTON ST	NEWTON MA	02459
525	DONG YUDA	DONG YUDA	1109 BOYLSTON ST #1	BOSTON MA	02215
526	MOK GLORIA S	MOK GLORIA S	PO BOX 51602	BOSTON MA	02205
527	FENWAY LLC	FENWAY LLC	17 WEATHERBY CT	GREENVILLE SC	29615
528	LINDBERG SCOTT R	LINDBERG SCOTT R	1109 BOYLSTON ST #005	BOSTON MA	02215
529	BEATTIE LYNN F	BEATTIE LYNN F	6747 WHITESTONE RD 4	BALTIMORE MD	21207
530	MOK GLORIA SUK YEE	MOK GLORIA SUK YEE	P O BOX 51602	BOSTON MA	02205
531	WU SKY SZU KAI	WU SKY SZU KAI	57 GAINSBOROUGH ST	BOSTON MA	02115
532	ANDREU JOSE L	ANDREU JOSE L	5440 MOREHOUSE DR #4000	SAN DIEGO CA	92121
533	CLINTON GROUP LLC	CLINTON GROUP LLC	255 FULLER ST	NEWTON MA	02465
534	FENWAY CONDO LLC	FENWAY CONDO LLC	53 MCCARTHY RD	NEWTON MA	02459
535	JAW INVESTMENT PROPERTIES	JAW INVESTMENT PROPERTIES	300 BOYLSTON ST #518	BOSTON MA	02116
536	BALTZ JENNIFER	BALTZ JENNIFER	1109 BOYLSTON ST #16	BOSTON MA	02215
537	HY GLOBE LLC	HY GLOBE LLC	10 BREAKWATER DR	CHELSEA MA	02150
538	BROUGH RUSSELL D	BROUGH RUSSELL D	1109 BOYLSTON ST #018	BOSTON MA	02215
539	GILMAN SALLY	GILMAN SALLY	1109 BOYLSTON ST #19	BOSTON MA	02215
540	MASOUDI MANOUCHEHR	MASOUDI MANOUCHEHR	266 DEDHAM AV	NEEDHAM MA	02492
541	MIZAN ALEXANDER A	MIZAN ALEXANDER A	1111 BOYLSTON ST #000A	BOSTON MA	02215
542	LOFARO FRANCA	LOFARO FRANCA	748 GLENGROVE AV	TORONTO ON M6B-2J6	0
543	ELEVEN11 C E REALTY LLC	ELEVEN11 C E REALTY LLC	10 REDSTONE LANE	MARBLEHEAD MA	01945
544	MANNING KENNETH R	MANNING KENNETH R	398 COLUMBUS AVE PMB 385	BOSTON MA	02116
545	LIU ANNIE J	LIU ANNIE J	841 SEALE AVE	PALO ALTO CA	94303
546	PAFFENDORF STEPHAN	PAFFENDORF STEPHAN	KLEINE DUEWEL ST 22	HANOVER GERMANY	30171
547	KHURANA ANJANA	KHURANA ANJANA	3 COBBLESTONE LA	NEWTOWN CT	06470
548	AMICONE FLOYD J	AMICONE FLOYD J	1111 BOYLSTON ST UNIT 32	BOSTON MA	02215
549	YUEN ANGELA S	YUEN ANGELA S	94 KIMBALL BEACH ROAD	HINGHAM MA	02043
550	ROBIGLIO RICARDO ANDRES	ROBIGLIO RICARDO ANDRES	1111 BOYLSTON ST #034	BOSTON MA	02215
551	COPPAGE COLBY W	COPPAGE COLBY W	1111 BOYLSTON ST # 36	BOSTON MA	02215
552	MULLER REALTY TRUST	MULLER REALTY TRUST	56 TERESA RD	HOPKINTON MA	01748
553	SCOTT CHRISTOPHER JAMES	SCOTT CHRISTOPHER JAMES	143 JQUES ST #1	SOMERVILLE MA	02145
554	PETRECCA JAMES	PETRECCA JAMES	PO BOX 8768	TAMPA FL	33674
555	DEUTSCHE BANK NATIONAL TRUST	DEUTSCHE BANK NATIONAL TRUST	53 MCCARTHY RD	NEWTON MA	02459
556	ABERBACH DANIELLI	ABERBACH DANIELLI	PO BOX 51984	BOSTON MA	02205
557	MANSOURI EHSAN IF	MANSOURI EHSAN IF	1111 BOYLSTON ST #45	BOSTON MA	02215
558	PEARSON SHEILA H	PEARSON SHEILA H	1111 BOYLSTON ST #46	BOSTON MA	02215
559	ANDREU JOSE L	ANDREU JOSE L	5440 MOREHOUSE DR #4000	SAN DIEGO CA	92121
560	WEN CHIN-KUEI	WEN CHIN-KUEI	P O BOX 540405	WALTHAM MA	02454
561	TITTL STEVEN	TITTL STEVEN	1111 BOYLSTON ST #50	BOSTON MA	02215
562	MARAT YERZAT	MARAT YERZAT	1111 BOYLSTON ST #52	BOSTON MA	02215
563	MASOUDI MANOUCHEHR	MASOUDI MANOUCHEHR	1111 BOYLSTON ST #54	BOSTON MA	02215
564	SIXTY4 C E REALTY LLC	SIXTY4 C E REALTY LLC	10 REDSTONE LA	MARBLEHEAD MA	01945
565	TONG WILSON	TONG WILSON	19 JUSTINIAN WAY #A	BRIGHTON MA	02135
566	WILLOW LUCIA TRAN	WILLOW LUCIA TRAN	PO BOX 380664	CAMBRIDGE MA	02238

567	CARTER H THOMAS	CARTER H THOMAS	50 CALIFORNIA ST SUITE #3330	SAN FRANCISCO CA	94111
568	PEPER CRAIG	PEPER CRAIG	53 MCCARTHY RD	NEWTON MA	02459
569	YIU CODY YUN-CHICH	YIU CODY YUN-CHICH	64 CHARLESGATE EAST #60	BOSTON MA	02215
570	O'NEILL SHEILA F	O'NEILL SHEILA F	64 CHARLESGATE EAST #062	BOSTON MA	02215
571	AISSA WALID B	AISSA WALID B	796 BEACON ST	NEWTON MA	02459
572	QI ZHOU TRUST	QI ZHOU TRUST	64 CHARLESGATE EAST #64	BOSTON MA	02215
573	YUNG DERICK W	YUNG DERICK W	9 WENHAM ST	JAMAICA PLAIN MA	02130
574	CHANG FENYEN	CHANG FENYEN	23 FIORENZA DR	WILMINGTON MA	01887
575	CHARLESGATE PROPERTIES LLC	CHARLESGATE PROPERTIES LLC	497 HOOKSETT ROAD SUITE 245	MANCHESTER NH	03104
576	MICHAELS MARY	MICHAELS MARY	64 CHARLESGATE EAST #72	BOSTON MA	02215
577	WICK DAVID TS	WICK DAVID TS	5440 MOREHOUSE DR #4000	SAN DIEGO CA	92121
578	GROVE EDWARD	GROVE EDWARD	1413 ROGERS RD	WALL NJ	07719
579	CHARLESGATE PROPERTIES LLC	CHARLESGATE PROPERTIES LLC	497 HOOKSETT RD #245	MANCHESTER NH	03104
580	PETERSEN JOHN G	PETERSEN JOHN G	3 ALLSTON ST	AMESBURY MA	01913
581	PENGUIN PROPERTIES LLC	PENGUIN PROPERTIES LLC	8 CORNSTALK RD	DRACUT MA	01826
582	CONLEY CHARLES R	CONLEY CHARLES R	64 CHARLESGATE EAST #80	BOSTON MA	02215
583	SHAH MIHIR	SHAH MIHIR	10 CRANBERRY LANE	BURLINGTON MA	01803
584	LUGO FERNANDO	LUGO FERNANDO	PMB 339. 1357 ASHFORD AV #2	SAN JUAN PR	00907
585	CHOI SUE	CHOI SUE	64 CHARLESGATE EAST #86	BOSTON MA	02215
586	IRVING JASON C	IRVING JASON C	64 CHARLESGATE EAST #88	BOSTON MA	02215
587	KOOP REALTY LLC	KOOP REALTY LLC	4 SQUIRREL HILL ROAD	WAYLAND MA	01778
588	MACINA CHRISTOPHER J	MACINA CHRISTOPHER J	163 STOW RD	MARLBORO MA	01752
589	DEUTSCHE BANK NATIONAL TRUST	DEUTSCHE BANK NATIONAL TRUST	53 MCCARTHY ROAD	NEWTON MA	02459
590	ZAHRAIE BABAK	ZAHRAIE BABAK	60 CHARLESGATE EAST #103	BOSTON MA	02215
591	BALOGLU ERKAN	BALOGLU ERKAN	8 BENJAMIN TERRACE	STONEHAM MA	02180
592	SIXTY C E REALTY LLC	SIXTY C E REALTY LLC	10 REDSTONE LA	MARBLEHEAD MA	01945
593	NATELLA MICHELLE TS	NATELLA MICHELLE TS	124 MERRIMAC ST #G	NEWBURYPORT MA	01950
594	RATANASIRINTRAWOOT PREMVADEE	RATANASIRINTRAWOOT PREMVADEE	60 HOBBS RD	WALTHAM MA	02452
595	MANNING KENNETH R	MANNING KENNETH R	398 COLUMBUS AVE PMB 385	BOSTON MA	02116
596	MULLER REALTY TRUST	MULLER REALTY TRUST	56 TERESA RD	HOPKINTON MA	01748
597	CALDERON CLIVER G	CALDERON CLIVER G	35 CAPRON RD	SMITH FIELD RI	02917
598	TANG LAN HO	TANG LAN HO	10 BREAKWATER DR	CHELSEA MA	02150
599	ZHANG YONG HONG	ZHANG YONG HONG	95 HARNES LANE	BRAINTREE MA	02184
600	MANNING KEVIN M	MANNING KEVIN M	90 BROADWAY #4C	BOSTON MA	02116
601	MALKASIAN RICHARD	MALKASIAN RICHARD	60 CHARLESGATE EAST #123	BOSTON MA	02215
602	TAM JOHN	TAM JOHN	5 PRESIDENTIAL DR	SOUTHBOROUGH MA	01772
603	CHAN CECIL TAT CHEONG	CHAN CECIL TAT CHEONG	9 AVON ROAD	WELLESLEY MA	02482
604	ELLIFFE JOHN J	ELLIFFE JOHN J	56 CHARLESGATE EAST #56B	BOSTON MA	02215
605	GREAT LUCK INVESTMENT LLC	GREAT LUCK INVESTMENT LLC	853 TURNPIKE ST #242	NORTH ANDOVER MA	01845
606	FIFTY2 - 56 C E REALTY LLC	FIFTY2 - 56 C E REALTY LLC	10 REDSTONE LA	MARBLEHEAD MA	01945
607	CANTWELL JAMES M	CANTWELL JAMES M	56 CHARLESGATE EAST #131	BOSTON MA	02215
608	ELLIN BARBARA J TS	ELLIN BARBARA J TS	161 BONARD RD	CHESTNUT HILL MA	02467
609	TARDIFF JOHN A ETAL	TARDIFF JOHN A ETAL	25 DEBRA LANE	FRAMINGHAM MA	01701
610	CHARLESGATE PROPERTIES LLC	CHARLESGATE PROPERTIES LLC	497 HOOKSETT RD #245	MANCHESTER NH	03104
611	CATAMBAY CELESTE L	CATAMBAY CELESTE L	56 CHARLESGATE EAST #138	BOSTON MA	02215
612	HAN ZHIYI JAMES	HAN ZHIYI JAMES	19 WINFORD WY	MEDFORD MA	02155
613	FIFTY SIX CHARLESGATE EAST	FIFTY SIX CHARLESGATE EAST	12 SIOUX DR	CANTON MA	02021
614	KEBIR NADJIM	KEBIR NADJIM	330 COCHITUATE RD #5044	FRAMINGHAM MA	01701
615	CENR REAL ESTATE LLC	CENR REAL ESTATE LLC	53 MCCARTHY RD	NEWTON MA	02459
616	BAWA TSHERING TS	BAWA TSHERING TS	11 RICHMOND RD	BELMONT MA	02478
617	B ZHENG PROPERTIES LLC	B ZHENG PROPERTIES LLC	56 CHARLESGATE EAST #148	BOSTON MA	02215
618	PARR LEANNE CADELL	PARR LEANNE CADELL	88 N BILLERICA RD	TEWKSBURY MA	01876
619	RIDKER PAUL M	RIDKER PAUL M	1097 W ROXBURY PKWY	CHESTNUT HILL MA	02467
620	CHAN CONNIE	CHAN CONNIE	95 HARNESS ST	BRAINTREE MA	02184
621	BALTZ JENNIFER	BALTZ JENNIFER	119 PETERBOROUGH ST #44	BOSTON MA	02215
622	PEERLESS JAMES	PEERLESS JAMES	52 CHARLESGATE EAST #155	BOSTON MA	02215
623	KNUTSON GERALD L	KNUTSON GERALD L	2116 TRINITY PL	MARTINEZ CA	94553
624	PARAISON MARC D	PARAISON MARC D	52 CHARLESGATE EAST # 158	BOSTON MA	02215
625	LEE SZE ON	LEE SZE ON	10 BREAKWATER DR	CHELSEA MA	02150
626	HSI VICTORIA	HSI VICTORIA	52 CHARLESGATE EAST # 161	BOSTON MA	02215
627	PARISI DIANE	PARISI DIANE	23 RIVERSIDE LANE	HOLMDEL NJ	07733
628	CRANSTON KEVIN	CRANSTON KEVIN	52 CHARLESGATE EAST #165	BOSTON MA	02215
629	CRANSTON KEVIN C	CRANSTON KEVIN C	52 CHARLESGATE EAST #165	BOSTON MA	02215
630	CHARLESGATE PROPERTIES LLC	CHARLESGATE PROPERTIES LLC	497 HOOKSETT RD #245	MANCHESTER NH	03104
631	ZAGOREN DONALD R TS	ZAGOREN DONALD R TS	42 SURREY PL	MASHPEE MA	02649
632	APOSTOL JAMES FOTIOS	APOSTOL JAMES FOTIOS	60 SAGAMORE ROAD	WORCESTER MA	01609
633	SABA BACHAR	SABA BACHAR	35 MAYFAIR DR	WESTWOOD MA	02090
634	TALBOT SIMON G	TALBOT SIMON G	52 CHARLESGATE EAST #174	BOSTON MA	02215
635	HEWITT DONNA J	HEWITT DONNA J	52 CHARLESGATE EAST # 175	BOSTON MA	02215
636	CHARLESGATE PROPERTIES LLC	CHARLESGATE PROPERTIES LLC	497 HOOKSETT RD #245	MANCHESTER NH	03104
637	WHALLEY KRISTEN E	WHALLEY KRISTEN E	50 CHARLESGATE EAST #178	BOSTON MA	02215
638	LEIBMAN LUDMILLA	LEIBMAN LUDMILLA	65 BAY STATE RD #6	BOSTON MA	02215
639	FIFTY C E REALTY LLC	FIFTY C E REALTY LLC	10 REDSTONE LA	MARBLEHEAD MA	01945
640	DUCA JOSEPH	DUCA JOSEPH	78 THOMAS ST	ASHLAND MA	01721
641	YEE KENNETH A	YEE KENNETH A	50 CHARLESGATE EAST # 183	BOSTON MA	02215
642	TECSON NORBERTO L	TECSON NORBERTO L	50 CHARLESGATE EAST #184	BOSTON MA	02215
643	POPA TIBERIU	POPA TIBERIU	78 ARBORWAY	JAMAICA PLAIN MA	02130
644	FIFTY C E REALTY LLC	FIFTY C E REALTY LLC	10 REDSTONE LA	MARBLEHEAD MA	01945
645	KNIGHTSKY LLC	KNIGHTSKY LLC	50 CHARLESGATE EAST # 189	BOSTON MA	02215
646	CALLANAN JOSEPH P	CALLANAN JOSEPH P	949 QUINCY SHORE DRIVE	QUINCY MA	02170
647	LEE SZE ON	LEE SZE ON	10 BREAKWATER DR	CHELSEA MA	02150

648	YANG MING	YANG MING	4 KIRKLAND DR	ANDOVER MA	01810
649	OCONNELL MICHAEL T	OCONNELL MICHAEL T	20 MARK VINCENT DR	WESTFORD MA	01886
650	WEISMAN EVAN	WEISMAN EVAN	5908 OSCEOLA RD	BETHESDA MD	20816
651	POON JAMES C	POON JAMES C	1 WARREN AV	WOBURN MA	01801
652	LOCKE DAVID ETAL	LOCKE DAVID ETAL	28 LOUIS W FARLEY DR	FRAMINGHAM MA	01701
653	CATAMBAY ESCEL J	CATAMBAY ESCEL J	3 BEACH RD	PLYMOUTH MA	02360
654	OCONNELL FEYZA A	OCONNELL FEYZA A	20 MARK VINCENT DR	WESTFORD MA	01886
655	DIROCCO DAVID J	DIROCCO DAVID J	14 VIRGINIA ST	DORCHESTER MA	02125
656	HANNA PAUL E	HANNA PAUL E	4956 LADY OF THE LAKE DR	RALEIGH NC	27612
657	FENWAY STUDIOS INC	FENWAY STUDIOS INC	1 FLORENCE ST	ROSLINDALE MA	02131
658	CITY OF BOSTON	CITY OF BOSTON	BEACON	BOSTON MA	02215
659	BELKIN STEVEN B TRST	BELKIN STEVEN B TRST	2 CHARLESGATE WEST	BOSTON MA	02115
660	BOYLSTON I HOLDING LLC	BOYLSTON I HOLDING LLC	1 WASHINGTON ST SUITE #400	WELLESLEY MA	02481
661	BOYLSTON STREET LLC	BOYLSTON STREET LLC	1203 BOYLSTON ST	BOSTON MA	02215
662	CITY OF BOSTON	CITY OF BOSTON	26 COURT ST	BOSTON MA	02108
663	ONE SIXTY IPSWICH INC	ONE SIXTY IPSWICH INC	433 PLAZA REAL SUITE 365	BOCA RATON FL	33432
664	SIXTY IPSWICH INC	SIXTY IPSWICH INC	433 PLAZA REAL SUITE 365	BOCA RATON FL	33432
665	THE BOSTON CONSERVATORY	THE BOSTON CONSERVATORY	8 THE FENWAY	BOSTON MA	02215