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Appendix E

Land Use Codebook (Classifications for GIS Desktop Analysis)

Annotated with Land Use codes per
GIS Mapbook [Mystic MVP project]
FINAL 11/13/2019

PROPERTY TYPE CLASSIFICATION CODES

NON-ARM'S LENGTH CODES AND

SALES REPORT SPREADSHEET SPECIFICATIONS

CHANGES

- CODE 451, 551 CHANGED TO RENEWABLE ENERGY PLANT
- SALES CODES SUBSTITUTE: "D" TO "O" AND "S" TO "L"; "X" CODE DISCONTINUED
- GATEWAY VERSION 3: REVISED LA-3 PROPERTY SALES BULK UPLOAD INSTRUCTIONS
- LA-15 INTERIM YEAR ADJUSTMENT REPORT

JUNE, 2016



DLS
DIVISION OF LOCAL SERVICES
MA DEPARTMENT OF REVENUE

INTRODUCTION

These Guidelines are intended to assist the Board of Assessors in determining the proper classification of property according to its use.

The coding structure has a three digit level of detail. The first digit indicates a major classification. The second digit is a major division and the third digit is a subdivision, both within the major classification of property.

If the guidelines do not include a three digit code for a specific property use, the assessor should use the code that most appropriately identifies the property's use. For example, the assessor would use codes 321-326 to classify a retail condominium, based on the use of the property.

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MULTIPLE-USE PROPERTY**MULTIPLE****CODE 0**

Real property used or held for use for more than one purpose, including parcels with multiple detached or attached buildings, are considered multiple-use property for classification purposes. Any necessary related land on a multiple-use property must be allocated among the classes of property within the building.

The first digit of multiple-use property is always a zero (0). The second and third digits are the major classification of the property represented. The digits following zero (0) are listed in the order of major importance.

Examples

Since the guidelines for coding multiple-use property are unique, several specific examples of how to identify such property with these codes are listed here. These are only examples and do not represent all possible multiple use codes.

013 Multiple-Use, primarily Residential

A building with a retail store on the first floor, apartments on the upper floors, and a major portion of the related land is reserved for tenant parking.

031 Multiple-Use, primarily Commercial

A building with retail use on the first floor, office space on the second and third floors, apartments on the fourth floor and a major portion of the related land is allocated for commercial use.

037 Multiple-Use, primarily Commercial with part of land designated under Chapter 61A use

A farm property with land and buildings predominantly used for commercial farming with part of land (at least 5 acres) designated horticulture/agricultural under Chapter 61A.

021 Multiple-Use, primarily Open Space

A single-family house with substantial acreage designated open space by the assessors.

RESIDENTIAL**CODE 1**

M.G.L. Chapter 59 §2A: All real property used or held for human habitation containing one or more dwelling units including rooming houses with facilities assigned and used for living, sleeping, cooking and eating on a non-transient basis, and including a bed and breakfast home with no more than three rooms for rent. Such property includes accessory land, buildings or improvements incidental to such habitation and used exclusively by the residents of the property or their guests. Such property shall include: (i) land that is situated in a residential zone and has been subdivided into residential lots, and (ii) land used for the purpose of a manufactured housing community, as defined in Chapter 140, §32F. Such property shall not include a hotel or motel.

Incidental accessory land, buildings or improvements would include garages, sheds, in-ground swimming pools, tennis courts, etc. Non-incidental accessory land, classified and coded differently, would include mixed use properties, such as a variety store, machine shop, etc. on a residential parcel.

10 Residences

- 101 Single-Family
- 102 Condominium
- 103 Mobile Home (includes land used for purpose of a mobile home park)
- 104 Two-Family
- 105 Three-Family
- 106 Accessory Land with Improvement - garage, etc.
- 107 (Intentionally left blank)
- 108 (Intentionally left blank)
- 109 Multiple Houses on one parcel (for example, a single and a two-family on one parcel)

11 Apartments

- 111 Four to Eight Units
- 112 More than Eight Units

12 Non-Transient Group Quarters

- 121..... Rooming and Boarding Houses
- 122..... Fraternity and Sorority Houses
- 123..... Residence Halls or Dormitories
- 124..... Rectories, Convents, Monasteries
- 125..... Other Congregate Housing which includes non-transient shared living arrangements

13 Vacant Land in a Residential Zone or Accessory to Residential Parcel

- 130..... Developable Land
- 131..... Potentially Developable Land
- 132..... Undevelopable Land

VACANT**14 Other**

- 140..... Child Care Facility (M.G.L. Chapters 59 §3F; 40A §9C) (see also Code 352)

OPEN SPACE**CODE 2**

M.G.L. Chapter 59 §2A: Land which is not otherwise classified and which is not taxable under the provisions of Chapter 61, 61A or 61B, or taxable under a permanent conservation restriction, and which land is not held for the production of income but is maintained in an open or natural condition and which contributes significantly to the benefit and enjoyment of the public.

For land designated as Forest, Agricultural/Horticultural or Recreational under Chapters 61, 61A, 61B, see Codes 6, 7, 8. Land placed under conservation restriction according to Chapter 184, §31 is to be classified according to its use as residential, commercial or industrial property.

20 Open Land in a Residential Area

- 201
- 202

- 21
- 210

- 211

- 22
- 220

- 221

**NOT
USED**
(use
MassGIS
Open Space
layer)

23 Open Land in an Industrial Area

230..... Industrial Vacant Land (acreage without site improvements and not in commercial or industrial use)

231..... Underwater Land or Marshes not under public ownership located in an industrial area

Chapter 61, 61A, 61B Property
(Local Acceptance Option for Open Space Tax Rate)

Forest, Agricultural/Horticultural and Recreational lands valued according to M.G.L. Chapters 61, 61A 61B and is being classified as open space upon acceptance of applicable local option. (Without an Open Space Classification they must be placed in Codes 6, 7 or, see page 8.)

26 Forest Land

(Only if G.L. c. 61, § 2A accepted)

261..... All land designated under

262..... Christmas Trees

27 Agricultural/Horticultural

(Only if G.L. c. 61A, § 4A accepted)

All land that designated under Ch devoted to this use must be in ex meet other requirements of the l classified as open space.) Note No is being coded as 29.

Productive Land

270..... Cranberry Bog

271..... Tobacco, Sod

272..... Truck Crops - vegetables

273..... Field Crops - hay, wheat, t cropland etc.

274..... Orchards - pears, apples, grape vineyards etc.

275..... Christmas Trees

276..... Necessary related land-farm roads, ponds, land under farm buildings

277..... Productive Woodland - woodlots

278..... Pasture

279Nurseries

Non-Productive Land

290Wet land, scrub land, rock land

28 Recreational Land

(Only if G.L. c. 61B, § 2A accepted)

All property designated under Chapter 61B and is being classified as open space upon acceptance of applicable local option. (If an area has more than one use according to the codes below, use the code which represents the primary use of the land).

280Productive woodland -woodlots

281Hiking - trails or paths, Camping - areas with sites for overnight camping, Nature Study - areas specifically for nature study or

recreational boating and facilities
and arranged as a golf

trails or areas
the hunting of wildlife

s for "downhill" skiing
areas for "cross-country"

and Picnicking Areas
ercial Flying - areas for
ling
reas for target
chery, skeet or

**NOT
USED
(use
MassGIS
Open Space
layer)**

COMMERCIAL

CODE 3

COMMERCIAL

M.G.L. Chapter 59 §2A: All real property used or held for use for business purposes and not specifically included in another class, including but not limited to any commercial, business, retail, trade, service, recreational, agricultural, artistic, sporting, fraternal, governmental, educational, medical or religious enterprise for non-profit purposes.

30 Transient Group Quarters

- 300..... Hotels
- 301..... Motels
- 302..... Inns, Resorts or Tourist Homes
- 303..... (Intentionally left blank)
- 304..... Nursing Homes - includes property designed for minimal care with or without medical facilities
- 305..... Private Hospitals
- 306..... Care and Treatment Facilities - designed and used on a transient basis, including half-way houses or other types of facilities that service the needs of people

31 Storage Warehouses and Distribution Facilities

- 310..... Tanks Holding Fuel and Oil Products for Retail Distribution, either Above Ground or Underground (Underground tanks of service stations would be real estate, however, above ground tanks that rest on concrete saddles or steel frames that can be separated without damage are personal property.)
- 311..... Bottled Gas and Propane Gas Tanks
- 312..... Grain and Feed Elevators
- 313..... Lumber Yards
- 314..... Trucking Terminals
- 315..... Piers, Wharves, Docks and related facilities that are used for storage and transit of goods
- 316..... Other Storage, Warehouse and Distribution facilities (see also Industrial Code 401)
- 317..... Farm Buildings - barns, silo, utility shed, etc.
- 318..... Commercial Greenhouses

32 Retail Trade

- 321 Facilities providing building materials, hardware and farm equipment, heating, hardware, plumbing, lumber supplies and equipment
- 322 Discount Stores, Junior Department Stores, Department Stores
- 323 Shopping Centers/Malls
- 324 Supermarkets (in excess of 10,000 sq. ft.)
- 325 Small Retail and Services stores (under 10,000 sq. ft.)
- 326 Eating and Drinking Establishments - restaurants, diners, fast food establishments, bars, nightclubs

33 Retail Trade - Automotive, Marine Craft and Other Engine Propelled Vehicles, Sales and Service

- 330Automotive Vehicles Sales and Service
- 331Automotive Supplies Sales and Service
- 332Auto Repair Facilities
- 333Fuel Service Areas - providing only fuel products
- 334Gasoline Service Stations - providing engine repair or maintenance services, and fuel products
- 335Car Wash Facilities
- 336Parking Garages
- 337Parking Lots - a commercial open parking lot for motor vehicles
- 338Other Motor Vehicles Sales and Services

34 Office Building

- 340General Office Buildings
- 341Bank Buildings
- 342Medical Office Buildings

COMMERCIAL

35 Public Service Properties (see Code 9 for Exempt Public Service Properties)

- 350..... Property Used for Postal Services
- 351..... Educational Properties
- 352..... Day Care Centers, Adult (see also Code 140)
- 353..... Fraternal Organizations
- 354..... Bus Transportation Facilities and Related Properties
- 355..... Funeral Homes
- 356..... Miscellaneous Public Services - professional membership organizations, business associations, etc.

36 Cultural and Entertainment Properties

- 360..... Museums
- 361..... Art Galleries
- 362..... Motion Picture Theaters
- 363..... Drive-In Movies
- 364..... Legitimate Theaters
- 365..... Stadiums
- 366..... Arenas and Field Houses
- 367..... Race Tracks
- 368..... Fairgrounds and Amusement Parks
- 369..... Other Cultural and Entertainment Properties

37 Indoor Recreational Facilities

- 370..... Bowling
- 371..... Ice Skating
- 372..... Roller Skating
- 373..... Swimming Pools
- 374..... Health Spas
- 375..... Tennis and/or Racquetball Clubs
- 376..... Gymnasiums and Athletic Clubs
- 377..... Archery, Billiards, other indoor facilities

38 Outdoor Recreational Properties (excluding those classified under General Laws 61B)

- 380Golf Courses
- 381Tennis Courts
- 382Riding Stables
- 383Beaches or Swimming Pools
- 384Marinas - including marine terminals & associated areas primarily for recreational marine craft
- 385Fish and Game Clubs
- 386Camping Facilities - accommodations for tents, campers or travel trailers
- 387Summer Camps - children's camps
- 388Other Outdoor facilities - e.g., driving ranges, miniature golf, baseball batting ranges, etc.
- 389Structures on land classified under Chapter 61B Recreational Land

39 Vacant Land - Accessory to Commercial parcel or not specifically included in another class

- 390Developable Land
- 391Potentially developable Land
- 392Undevelopable Land
- 393Agricultural/Horticultural Land not included in Chapter 61A

VACANT

COMMERCIAL

INDUSTRIAL**CODE 4**

M.G.L. Chapter 59 §2A: All real property used or held for use for manufacturing, milling, converting, producing, processing, extracting or fabricating materials unserviceable in their natural state to create commercial products or materials; the mechanical, chemical or electronic transformation of property into new products and any use that is identical to or an integral part of such use, whether for profit or non-profit purposes; property used or held for uses for the storage, transmitting and generating of utilities.

40 Manufacturing and Processing

- 400..... Buildings for manufacturing operations
- 401..... Warehouses for storage of manufactured products
- 402..... Office Building - part of manufacturing operation
- 403..... Land - integral part of manufacturing operation
- 404..... Research and Development facilities

41 Mining and Quarrying

- 410..... Sand and Gravel
- 411..... Gypsum
- 412..... Rock
- 413..... Other

42 Utility Properties

- 420..... Tanks
- 421..... Liquid Natural Gas Tanks
- 423..... Electric Transmission Right-of-Way
- 424..... Electricity Regulating Substations
- 425..... Gas Production Plants
- 426..... Gas Pipeline Right-of Way
- 427..... Natural or Manufactured Gas Storage
- 428..... Gas Pressure Control Stations

INDUSTRIAL**43 Utility Properties - Communication**

- 430Telephone Exchange Stations
- 431Telephone Relay Towers
- 432Cable TV Transmitting Facilities
- 433Radio, Television Transmission Facilities

44 Vacant Land - Accessory to Industrial Property

- 440Developable Land
- 441Potentially Developable Land
- 442Undevelopable Land

VACANT**45 Electric Generation Plants**

- 450Electric Generation Plants
- 451Electric Generation Plants, Renewable
- 452Electric Generation Plants, Agreement Value

INDUSTRIAL**INDUSTRIAL**

PERSONAL PROPERTY

CODE 5

M.G.L. Chapter 59 §2: All personal property...wherever situated, unless expressly exempt, shall be subject to taxation...

501..... Individuals, Partnerships, Associations, Trusts, Limited Liability Companies and other non-incorporated entities filing for federal income tax purposes as non-incorporated entities

All personal property is taxable and includes: stock in trade, machinery used in the conduct of the business, personal property used in connection with any cleaning or laundry processes, machinery used in the refrigeration of goods or in the air conditioning of premises, and all furnishings and effects not kept at an individual's domicile.

502..... Business Corporations, as defined in Chapter 63 §30 and taxable under Chapter 63 §39, **including unincorporated entities treated as corporations for federal income tax purposes.**

Taxable personal property includes only: underground conduits, poles, wires and pipes, whether on public or private property; and machinery used in the conduct of the business, except stock in trade or machinery directly used in connection with dry cleaning or laundering processes, refrigeration of goods, air conditioning of premises or in any purchasing, selling, accounting or administrative function.

503..... Classified Manufacturing Corporations*, as defined in Ch. 63 §42B, including unincorporated entities treated as corporations for federal income tax purposes.

Taxable personal property includes only: underground conduits, poles, wires and pipes whether on public or private property.

*Includes Classified Research & Development Corporations in communities accepting local option R & D exemptions and Classified Manufacturing and Research & Development LLCs with single member

disregarded entities in communities accepting that local option exemption.

504 Utility Corporations, other than Telephone & Telegraph and Pipeline Corporation, taxed as business corporations, including unincorporated entities treated as corporations for federal income tax purposes.

Taxable personal property includes only: underground conduits, poles, wires and pipes whether on public or private property; and machinery used in the conduct of business, except stock in trade or machinery directly used in connection with dry cleaning or laundering processes, refrigeration of goods, air conditioning of premises or in any purchasing, selling, accounting or administrative function.

505 Machinery, Poles, Wires and Underground Conduits, Wires and Pipes of all Telephone and Telegraph Companies, as determined by the Commissioner of Revenue.

506 Pipelines of 25 Miles or More in Length for Transmitting Natural Gas or Petroleum, as determined by the Commissioner of Revenue.

508 Cellular/Mobile Wireless Telecommunications Companies

550 Electric Generation Plants Personal Property

551 **Electric Generation Plant P.P., Renewable**

552 Electric Generation P. P., Agreement Value

CHAPTER 61, 61A, 61B PROPERTY

NOT USED

Forest, Agricultural/Horticultural and Recreational lands valued according to M.C.L. Chapters 61, 61A and 61B are not specifically included in any of the four major classifications. The commercial property tax rate, however, is the applicable rate for land under these chapters.

CODE 6**Forest Land**

- 601..... All land designated under Chapter 61
 602..... Christmas Trees

CODE 7**Agricultural/Horticultural**

All land that has been designated under Chapter 61A. (Land devoted to this use must be in excess of 5 acres and meet other requirements of the law).

71 Productive Land (Including Necessary and Related Land)

- 710..... Cranberry Bog
 711..... Tobacco, Sod
 712..... Truck Crops - vegetables
 713..... Field Crops - hay, wheat, tillable forage cropland etc.
 714..... Orchards - pears, apples, grape vineyards etc.
 715..... Christmas Trees
 716..... Necessary Related Land-farm roads, ponds, Land under farm buildings
 717..... Productive Woodland - woodlots
 718..... Pasture
 719..... Nurseries

72 Non-Productive Land

- 720..... Wet land, scrub land, rock land

RECREATIONAL**CODE 8****Recreational Land**

All property that has been designated under Chapter 61B. (If an area has more than one use according to the codes below, use the code which represents the primary use of the land).

- 801Hiking - trails or paths
 802Camping - areas with sites for overnight camping
 803Nature Study - areas specifically for nature study or observation
 804Boating - areas for recreational boating and supporting land facilities
 805Golfing - areas of land arranged as a golf course
 806Horseback Riding - trails or areas
 807Hunting - areas for the hunting of wildlife
 808Fishing Areas
 809Alpine Skiing - areas for "downhill" skiing
 810Nordic Skiing - areas for "cross-country" skiing
 811Swimming Areas
 812Picnicking Areas
 813Public Non-Commercial Flying - areas for gliding or hand-gliding
 814Target Shooting - areas for target shooting such as archery, skeet or approved fire-arms
 815Productive Woodland - woodlots

**AGRICULTURAL/
HORTICULTURAL**

FEDERAL OR STATE

EXEMPT PROPERTY

CODE 9

All property which is totally exempt from taxation under various provisions of the law and owned by:

90 Public Service Properties

900..... United States Government

901..... (Intentionally left blank)

91 Commonwealth of Massachusetts – Reimbursable Land

910..... Department of Conservation and Recreation, Division of State Parks and Recreation

911..... Division of Fisheries and Wildlife, Environmental Law Enforcement

912..... Department of Corrections, Division of Youth Services

913..... Department of Public Health, Soldiers' Homes

914..... Department of Mental Health, Department of Mental Retardation

915..... Department of Conservation and Recreation, Division of Water Supply Protection

916..... Military Division – Campgrounds

917..... Education – Univ. of Mass, State Colleges, Community Colleges

918..... Department of Environmental Protection, Low-level Radioactive Waste Management Board

919..... Other

92 Commonwealth of Massachusetts – Non Reimbursable

920..... Department of Conservation and Recreation, Division of Urban Parks and Recreation

921..... Division of Fisheries and Wildlife, DFW Environmental Law Enforcement, Department of Environmental Protection

922..... Department of Corrections, Division of Youth Services, Mass Military, State Police, Sheriffs' Departments

923..... Department of Public Health, Soldiers' Homes, Department of Mental Health, Department of Mental Retardation

924..... Mass Highway Department

925Department of Conservation and Recreation
Division of Water Supply Protection
conservation restrictions and sewer
easements, Urban Parks

926Judiciary

927Education – Univ. of Mass, State Colleges,
Community Colleges

928Division of Capital Asset Management,
Bureau of State Office Buildings

929Other

GASB 34 Codes

93 Municipal or County Codes

930Vacant, Selectmen or City Council **VACANT**

931Improved, Selectmen or City Council

932Vacant, Conservation **VACANT**

933Vacant, Education

934Improved, Education

935Improved, Municipal Public Safety

936Vacant, Tax Title/ Treasurer **VACANT**

937Improved, Tax Title/ Treasurer

938Vacant, District **VACANT**

939Improved, District

94 Educational Private

940.....Elementary Level

941.....Secondary Level

942.....College or University

943.....Other Educational

944.....Auxiliary Athletic

945.....Affiliated Housing

946.....Vacant **VACANT**

947.....Other

95 Charitable

950Vacant, Conservation Organizations **VACANT**

951Other

952Auxiliary Use (Storage, Barns, etc.)

953Cemeteries

954Function Halls, Community Centers,
Fraternal Organizations

955Hospitals

956Libraries, Museums

957Charitable Services

958Recreation, Active Use

959Housing, Other

**PRIVATE
EDUCATION**

**RELIGIOUS/
CHARITABLE**

**FEDERAL OR
STATE**

RELIGIOUS/ CHARITABLE

Department of Revenue/D

Property Type Classification Codes

96 Religious Groups

960..... Church, Mosque, Synagogue, Temple, etc.
961..... Rectory or Parsonage, etc.
962..... Other

97 Authorities

QUASI-PUBLIC

970..... Housing Authority
971..... Utility Authority, Electric, Light, Sewer,
Water
972..... Transportation Authority

973..... Vacant, Housing Authority
974..... Vacant, Utility Authority
975..... Vacant, Transportation Authority

VACANT

98 Land Held by other Towns, Cities or Districts

980..... Vacant, Selectmen or City Council, Other
City or Town

981..... Improved, Selectmen or City Council, Other
City or Town

982..... Vacant, Conservation, Other City or Town

985..... Improved Municipal or Public Safety, Other
City or Town

988..... Vacant, Other District

989..... Improved, Other District

OTHER

99 Other

990 121A Corporations

991 Vacant, County or Regional

VACANT

992 Improved, County or Regional, Deeds or
Administration

993 Improved County or Regional Correctional

994 Improved County or Regional Association
Commission

995 Other, Open Space

996 Other, Non-Taxable Condominium Common
Land
997 Other

OTHER

OTHER

VACANT

OTHER

VACANT

OTHER

VACANT

OTHER

Appendix **F**

GIS-based Suitability Screening of Potential Wetland GI Sites



A) Slope and bedrock "suitable site areas" analysis

Location Overview

The map shows the Merrimack River watershed area in Massachusetts. The Index Extent is highlighted in red and is located in the central part of the watershed, near the town of Andover. The map includes labels for various towns and cities, such as Andover, Haverhill, Lowell, and Boston, as well as the Merrimack River and the Atlantic Ocean.

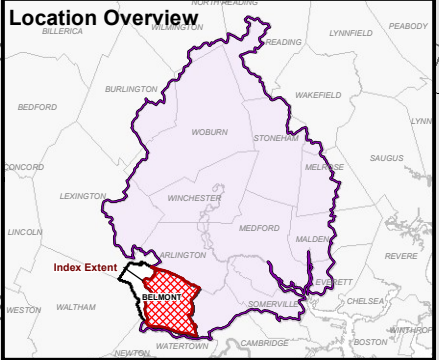
FIGURE
1
of 17



Date: 12/1/2020 User: KJohnson Path: \\azrgis\storp01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\IMXD\kij scratch\Mapbook_20200311_print GIS criteria.mxd



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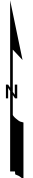
LEGEND

- Upper Mystic River Watershed
- Watershed Boundary
- Town Boundary
- Water
- Bedrock Condition
- Shallow (< 1.5 feet)

- Slope (per NRCS SSURGO, 10m x 10m)**
- Slope Gradient - Weighted Average**
- 6%-10%
 - >10%
- Slope (from DEM, 100ft x 100ft)**
- <VALUE>**
- Less Than 6% Slope
 - Greater Than 6% Slope

- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)

0 1,000
Feet
1 inch = 1,667 feet



PROJECT NO.	20201034.004A
CREATED:	12/1/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	Mapbook_20200311_print GIS criteria.mxd

Bedrock, Slope "suitable" site area parsing - Belmont
Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Suitability Screening Per Town BELMONT, MA

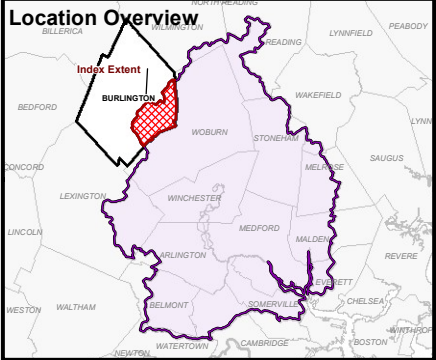
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of 17



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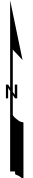
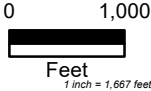


LEGEND

- Upper Mystic River Watershed
- Watershed Boundary
- Town Boundary
- Water
- Bedrock Condition**
- Shallow (< 1.5 feet)

- Slope (per NRCS SSURGO, 10m x 10m)**
- Slope Gradient - Weighted Average**
- 6%-10%
 - >10%
- Slope (from DEM, 100ft x 100ft)**
- <VALUE>**
- Less Than 6% Slope
 - Greater Than 6% Slope

- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)



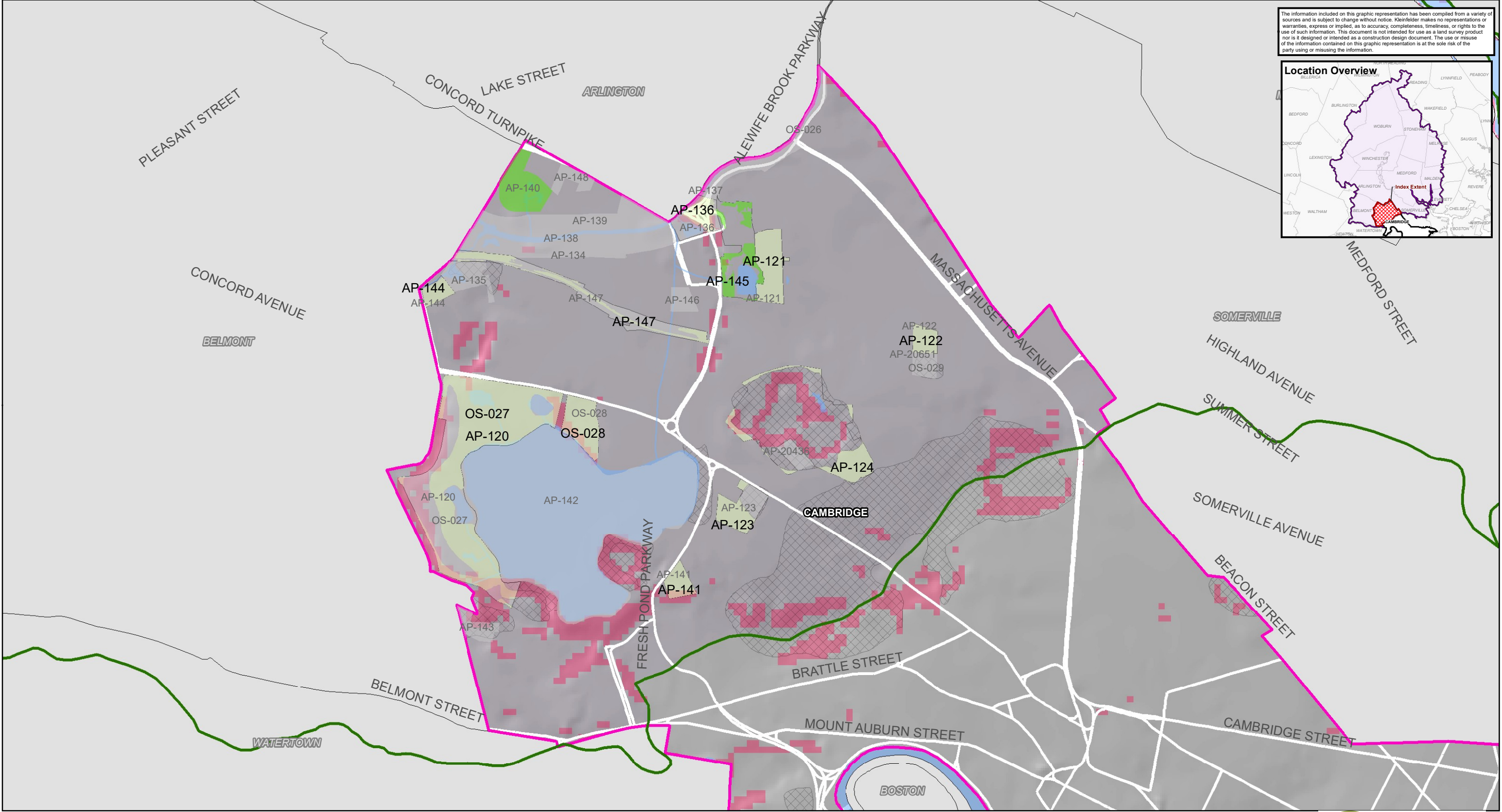
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Bedrock, Slope "suitable" site area parsing - Burlington
Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Suitability Screening Per Town BURLINGTON, MA

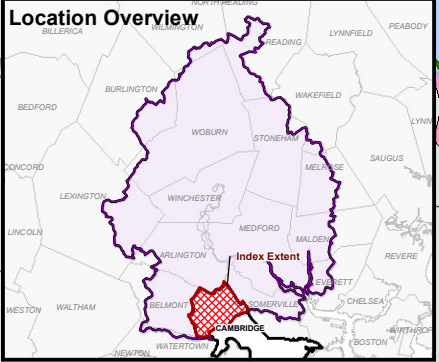
FIGURE
3
of 17



Date: 12/1/2020 User: KJohnson Path: \\azgis\storp01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\IMXD\k scratch\Mapbook_20200311_print GIS criteria.mxd



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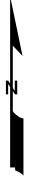
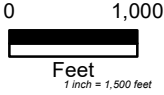


LEGEND

- Upper Mystic River Watershed
- Watershed Boundary
- Town Boundary
- Water
- Bedrock Condition**
- Shallow (< 1.5 feet)

- Slope (per NRCS SSURGO, 10m x 10m)**
- Slope Gradient - Weighted Average**
- 6%-10%
 - >10%
- Slope (from DEM, 100ft x 100ft)**
- <VALUE>**
- Less Than 6% Slope
 - Greater Than 6% Slope

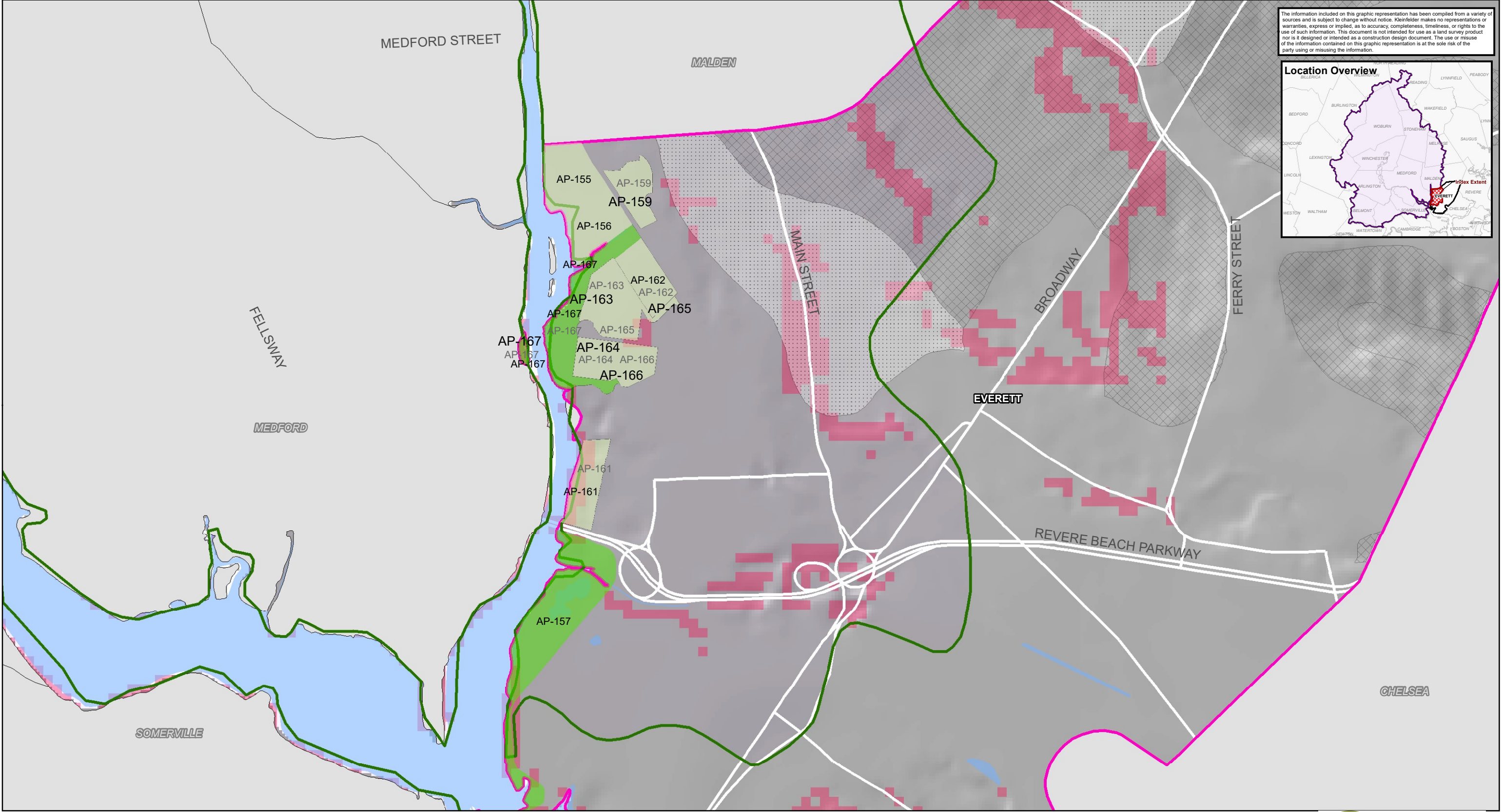
- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)



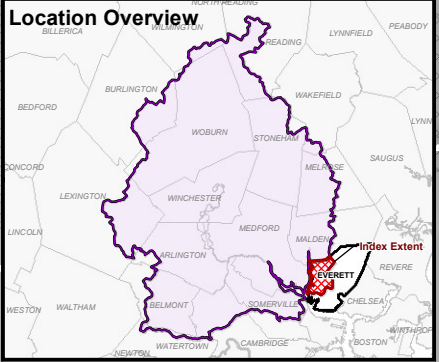
PROJECT NO. 20201034.004A	Bedrock, Slope "suitable" site area parsing - Cambridge	Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Suitability Screening Per Town CAMBRIDGE, MA	FIGURE 4 of 17
CREATED: 12/1/2020			
CREATED BY: KJohnson			
CHECKED BY: CP/KEJ			
FILE NAME: Mapbook_20200311_print GIS criteria.mxd			



Date: 12/1/2020 User: KJohnson Path: \\azgis\storp01\GIS_P\Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\IMXD\k scratch\Mapbook_20200311_print GIS criteria.mxd



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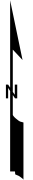
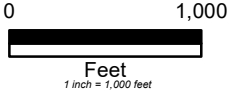
LEGEND

- Upper Mystic River Watershed
- Watershed Boundary
- Town Boundary
- Water

Slope (per NRCS SSURGO, 10m x 10m)
Slope Gradient - Weighted Average

- 6%-10%
- >10%

- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)

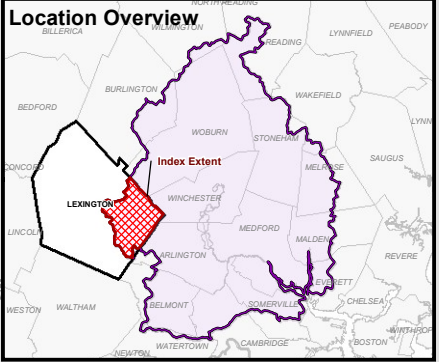


PROJECT NO. 20201034.004A	Bedrock, Slope "suitable" site area parsing - Everett Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Suitability Screening Per Town EVERETT, MA	FIGURE 5 of 17
CREATED: 12/1/2020		
CREATED BY: KJohnson		
CHECKED BY: CP/KEJ		
FILE NAME: Mapbook_20200311_print GIS criteria.mxd		

Date: 12/1/2020 User: KJohnson Path: \\azrgis\storp01\GIS Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\MXD\kij scratch\Mapbook_20200311_print GIS criteria.mxd



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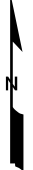
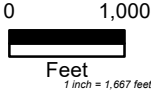


LEGEND

- Upper Mystic River Watershed
- Watershed Boundary
- Town Boundary
- Water
- Bedrock Condition**
- Shallow (< 1.5 feet)

- Slope (per NRCS SSURGO, 10m x 10m)**
- Slope Gradient - Weighted Average**
- 6%-10%
 - >10%
- Slope (from DEM, 100ft x 100ft)**
- <VALUE>**
- Less Than 6% Slope
 - Greater Than 6% Slope

- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)



PROJECT NO.	20201034.004A
CREATED:	12/1/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	Mapbook_20200311_print GIS criteria.mxd

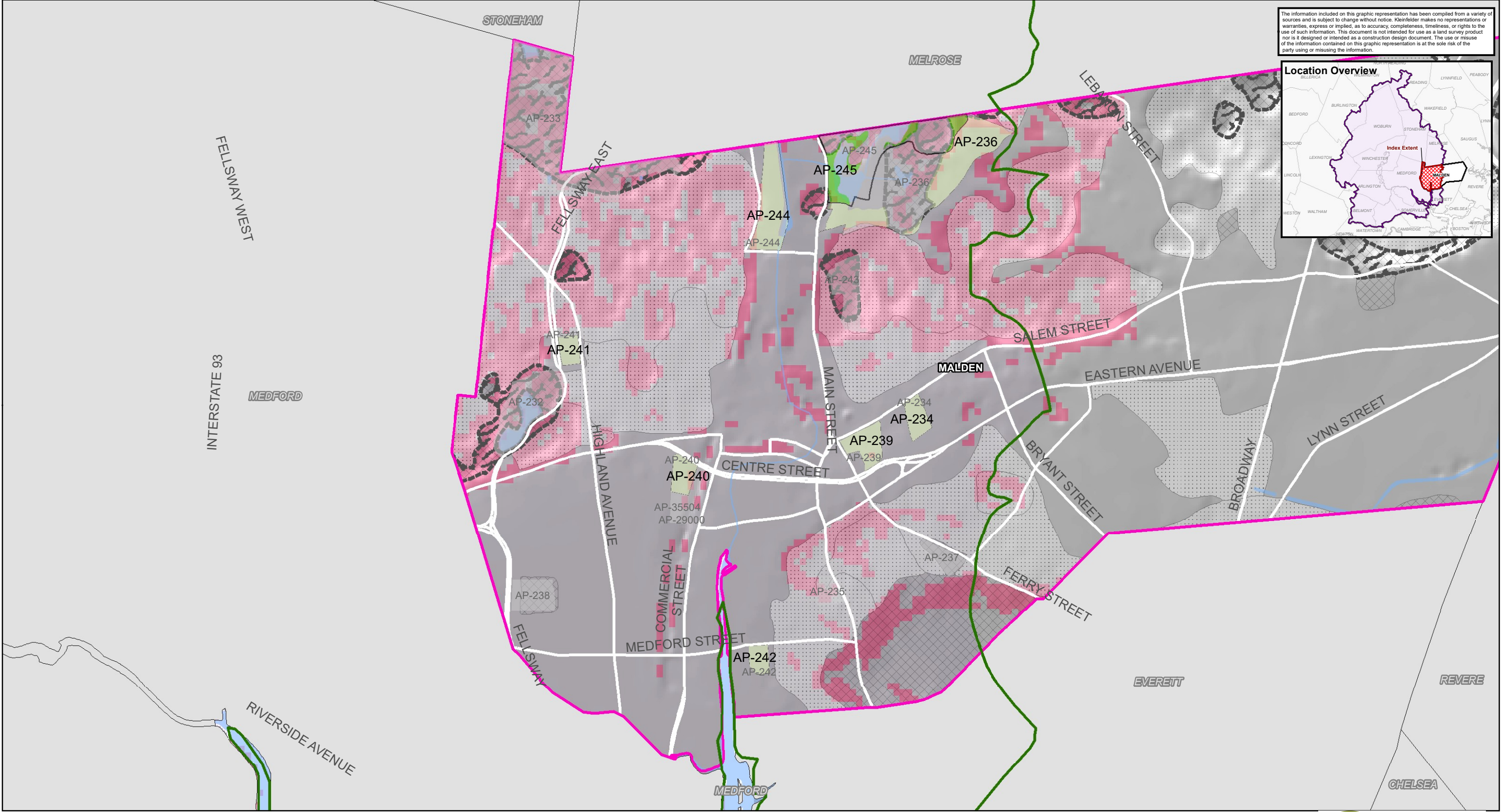
**Bedrock, Slope "suitable" site
area parsing - Lexington**

Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Suitability Screening
Per Town
LEXINGTON, MA

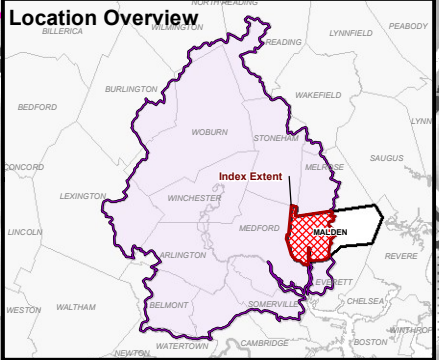
FIGURE
6
of 17



Date: 12/1/2020 User: KJohnson Path: \\azgis\storp01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\IMXD\kij_scratch\Mapbook_20200311_print GIS criteria.mxd



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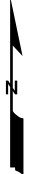
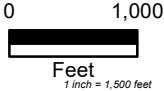


LEGEND

- Upper Mystic River Watershed
- Watershed Boundary
- Town Boundary
- Water
- Bedrock Condition**
- Shallow (< 1.5 feet)

- Slope (per NRCS SSURGO, 10m x 10m)**
- Slope Gradient - Weighted Average**
- 6%-10%
 - >10%
- Slope (from DEM, 100ft x 100ft)**
- <VALUE>**
- Less Than 6% Slope
 - Greater Than 6% Slope

- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)



PROJECT NO.	20201034.004A
CREATED:	12/1/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	Mapbook_20200311_print GIS criteria.mxd

**Bedrock, Slope "suitable" site
area parsing - Malden**

Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Suitability Screening
Per Town
MALDEN, MA

FIGURE
7
of 17

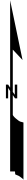


Bedrock Condition

 Shallow (< 1.5 feet)

Greater Than 6% Slope

1 inch = 2,500 feet

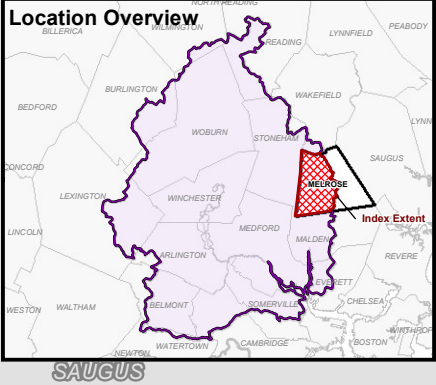


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of 17

Date: 12/1/2020 User: KJohnson Path: \\azgis\storp01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\IMXD\k scratch\Mapbook_20200311_print GIS criteria.mxd



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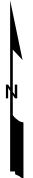
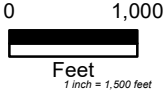


LEGEND

- Upper Mystic River Watershed
- Watershed Boundary
- Town Boundary
- Water
- Bedrock Condition**
- Shallow (< 1.5 feet)

- Slope (per NRCS SSURGO, 10m x 10m)**
- Slope Gradient - Weighted Average**
- 6%-10%
 - >10%
- Slope (from DEM, 100ft x 100ft)**
- <VALUE>**
- Less Than 6% Slope
 - Greater Than 6% Slope

- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)



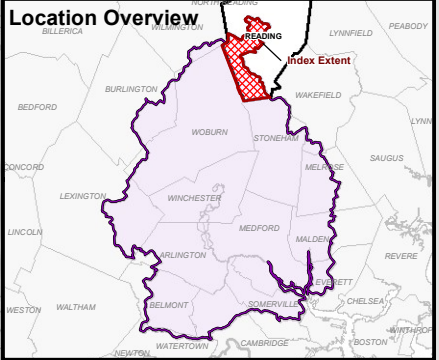
PROJECT NO. 20201034.004A	Bedrock, Slope "suitable" site area parsing - Melrose Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Suitability Screening Per Town MELROSE, MA	FIGURE 9 of 17
CREATED: 12/1/2020		
CREATED BY: KJohnson		
CHECKED BY: CP/KEJ		
FILE NAME: Mapbook_20200311_print GIS criteria.mxd		



Date: 12/1/2020 User: KJohnson Path: \\azrgis\storp01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\IMXD\k scratch\Mapbook_20200311_print GIS criteria.mxd



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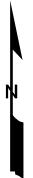
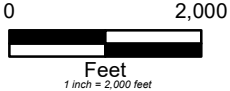


LEGEND

- Upper Mystic River Watershed
- Watershed Boundary
- Town Boundary
- Water
- Bedrock Condition**
- Shallow (< 1.5 feet)

- Slope (per NRCS SSURGO, 10m x 10m)**
- Slope Gradient - Weighted Average**
- 6%-10%
 - >10%
- Slope (from DEM, 100ft x 100ft)**
- <VALUE>**
- Less Than 6% Slope
 - Greater Than 6% Slope

- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)



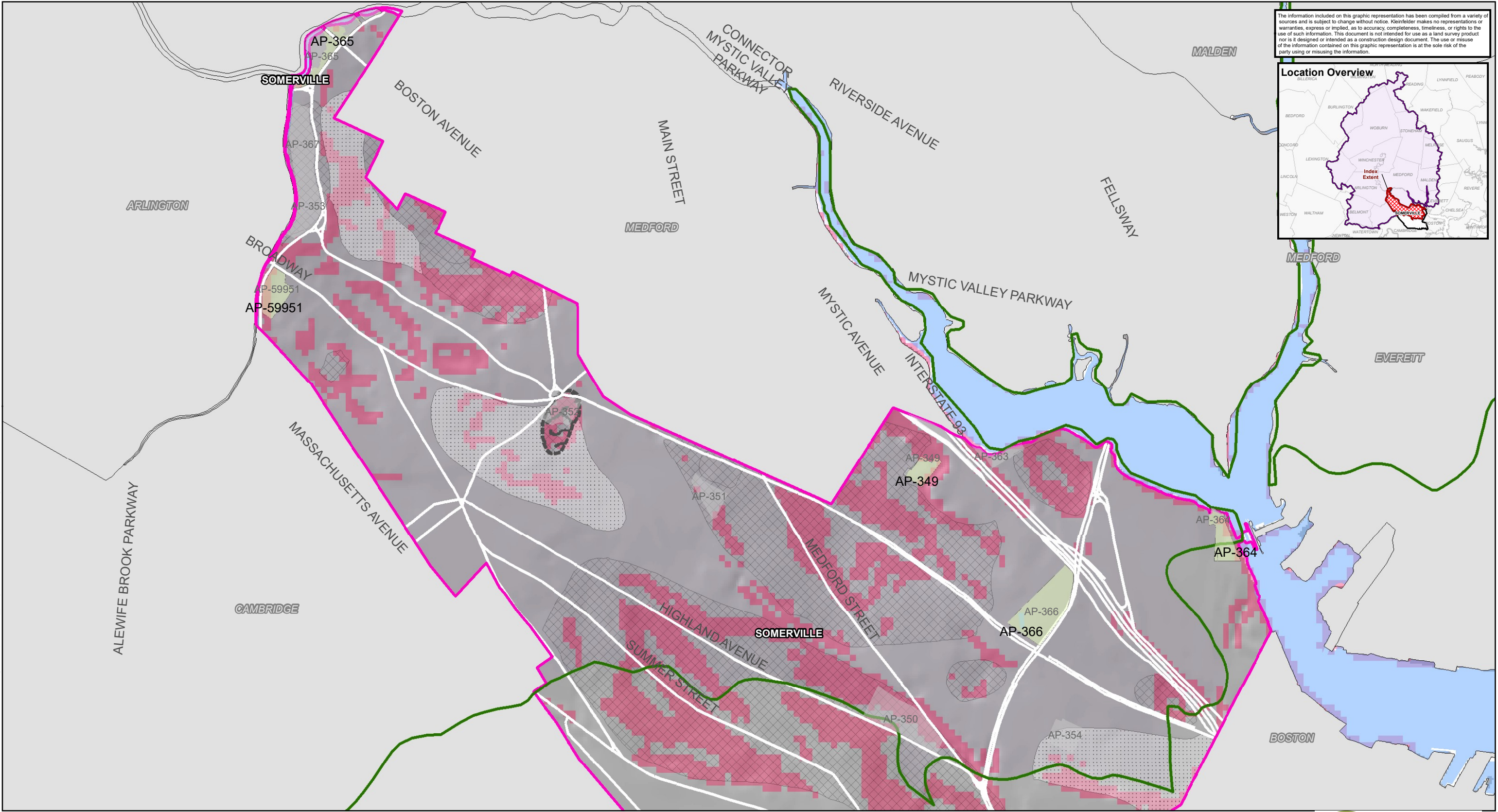
PROJECT NO.	20201034.004A
CREATED:	12/1/2020
CREATED BY:	KJohnson
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FILE NAME:	Mapbook_20200311_print GIS criteria.mxd

Bedrock, Slope "suitable" site area parsing - Reading
Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Suitability Screening Per Town READING, MA

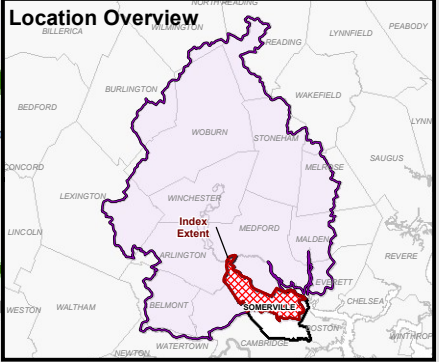
FIGURE
10
of 17



Date: 12/1/2020 User: KJohnson Path: \\azrgis\storp01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\IMXD\k scratch\Mapbook_20200311_print GIS criteria.mxd



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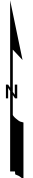
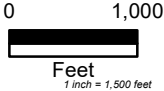


LEGEND

- Upper Mystic River Watershed
- Watershed Boundary
- Town Boundary
- Water
- Bedrock Condition**
- Shallow (< 1.5 feet)

- Slope (per NRCS SSURGO, 10m x 10m)**
- Slope Gradient - Weighted Average**
- 6%-10%
 - >10%
- Slope (from DEM, 100ft x 100ft)**
- <VALUE>**
- Less Than 6% Slope
 - Greater Than 6% Slope

- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)



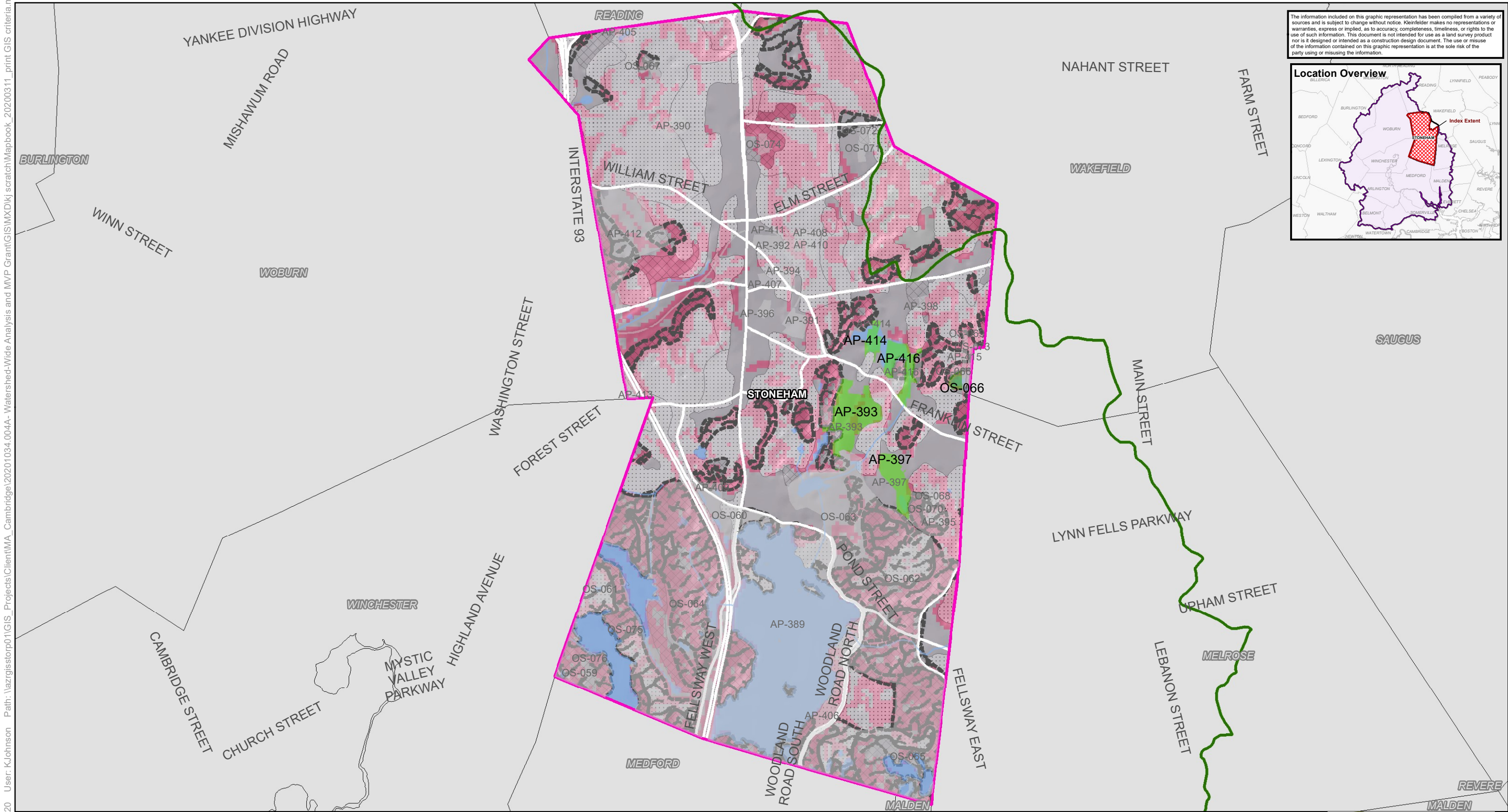
PROJECT NO.	20201034.004A
CREATED:	12/1/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	Mapbook_20200311_print GIS criteria.mxd

Bedrock, Slope "suitable" site area parsing - Somerville
Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Suitability Screening Per Town SOMERVILLE, MA

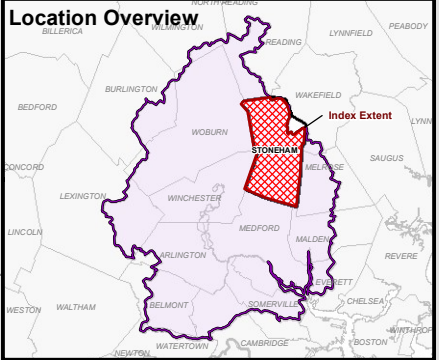
FIGURE
11
of 17



Date: 12/1/2020 User: KJohnson Path: \\azrgis\storp01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\IMXD\k scratch\Mapbook_20200311_print GIS criteria.mxd



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LEGEND

- Upper Mystic River Watershed

Watershed Boundary

Town Boundary

Water

Bedrock Condition

Shallow (< 1.5 feet)
- Slope (per NRCS SSURGO, 10m x 10m)**

Slope Gradient - Weighted Average

6%-10%

>10%

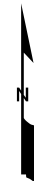
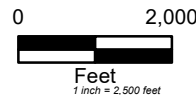
Slope (from DEM, 100ft x 100ft)

<VALUE>

Less Than 6% Slope

Greater Than 6% Slope

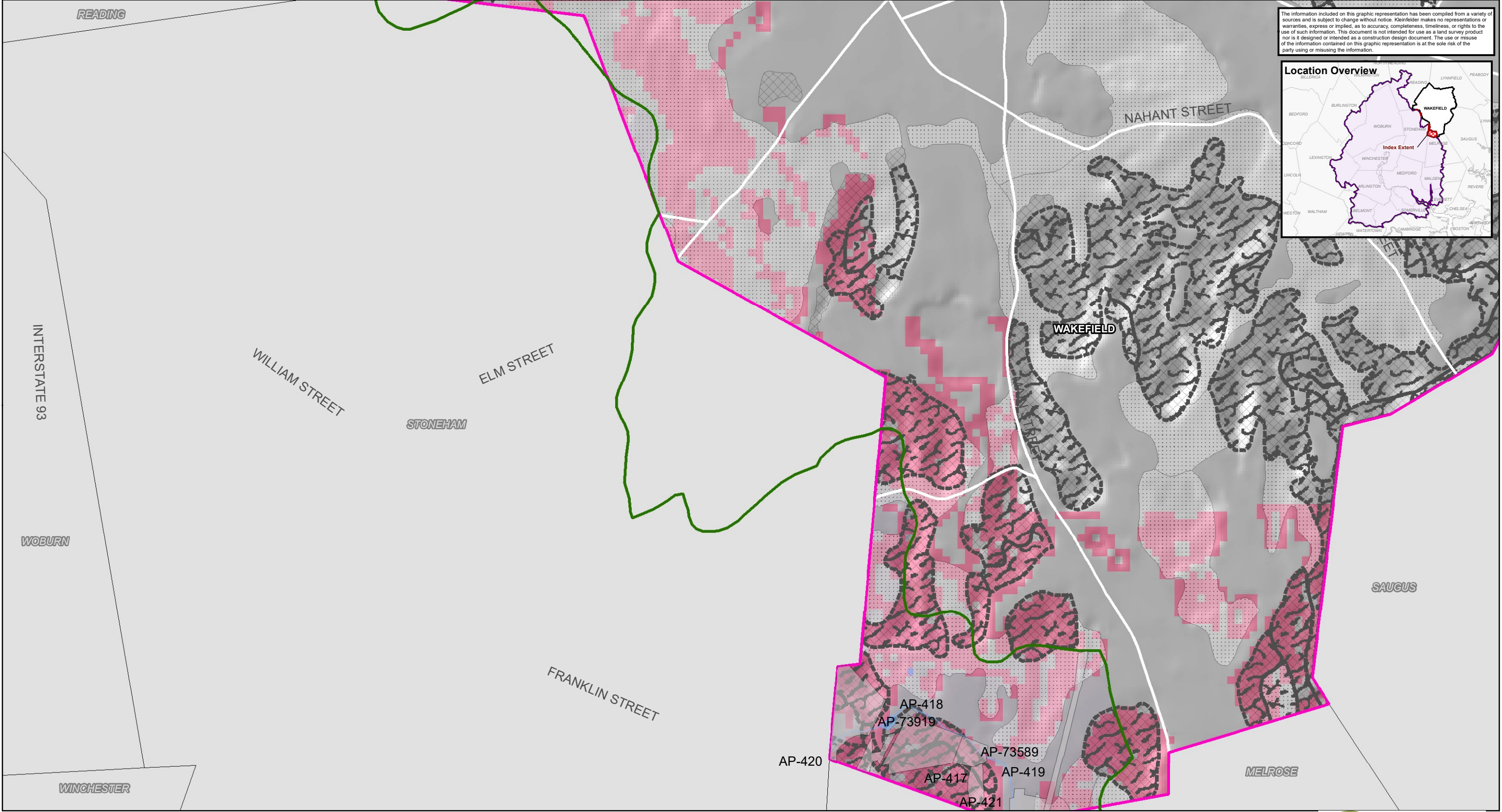
- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)



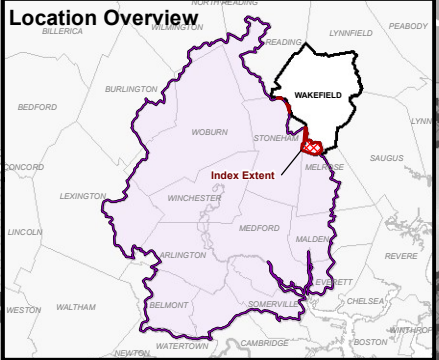
PROJECT NO. 20201034.004A	Bedrock, Slope "suitable" site area parsing - Stoneham Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Suitability Screening Per Town STONEHAM, MA	FIGURE 12 of 17
CREATED: 12/1/2020		
CREATED BY: KJohnson		
CHECKED BY: CP/KEJ		
FILE NAME: Mapbook_20200311_print GIS criteria.mxd		



Date: 12/1/2020 User: KJohnson Path: \\azrgisstor01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\IMXD\k scratch\Mapbook_20200311_print GIS criteria.mxd



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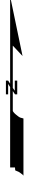
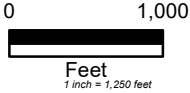


LEGEND

- Upper Mystic River Watershed
- Watershed Boundary
- Town Boundary
- Water
- Bedrock Condition**
- Shallow (< 1.5 feet)

- Slope (per NRCS SSURGO, 10m x 10m)**
- Slope Gradient - Weighted Average**
- 6%-10%
 - >10%
- Slope (from DEM, 100ft x 100ft)**
- <VALUE>**
- Less Than 6% Slope
 - Greater Than 6% Slope

- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)



PROJECT NO.	20201034.004A
CREATED:	12/1/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	Mapbook_20200311_print GIS criteria.mxd

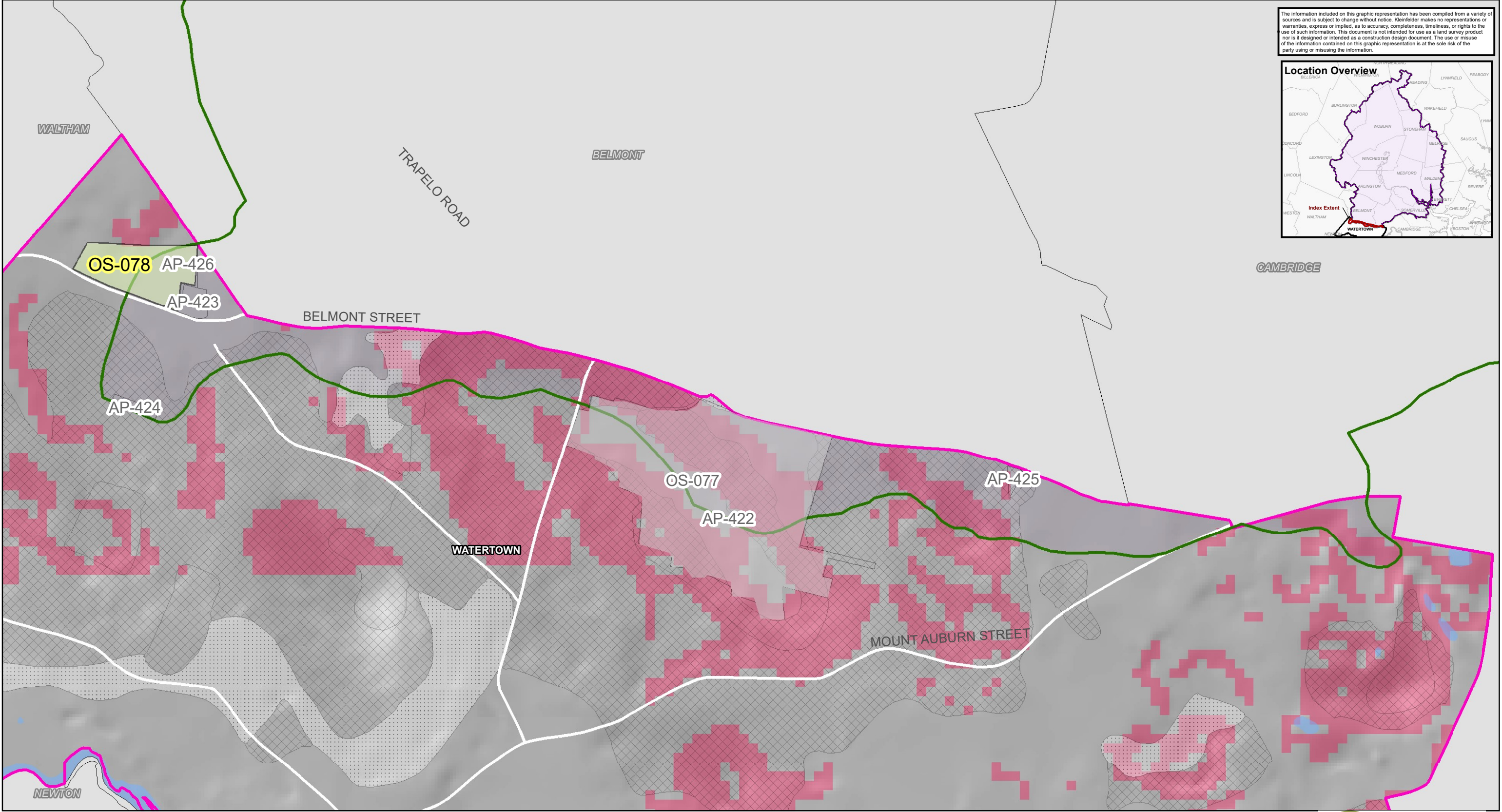
Bedrock, Slope "suitable" site area parsing - Wakefield

Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Suitability Screening
Per Town
WAKEFIELD, MA

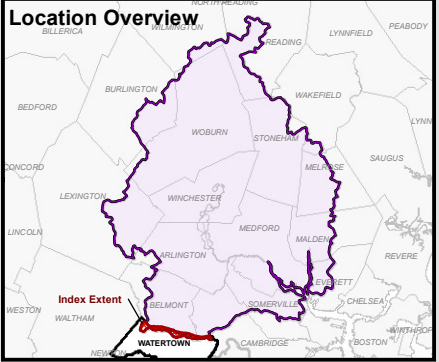
FIGURE
13
of 17



Date: 12/1/2020 User: KJohnson Path: \\azgis\storp01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\IMXD\k scratch\Mapbook_20200311_print GIS criteria.mxd



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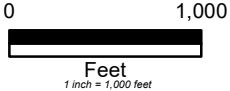


LEGEND

- Upper Mystic River Watershed
- Watershed Boundary
- Town Boundary
- Water
- Bedrock Condition**
- Shallow (< 1.5 feet)

- Slope (per NRCS SSURGO, 10m x 10m)**
- Slope Gradient - Weighted Average**
- 6%-10%
 - >10%
- Slope (from DEM, 100ft x 100ft)**
- <VALUE>**
- Less Than 6% Slope
 - Greater Than 6% Slope

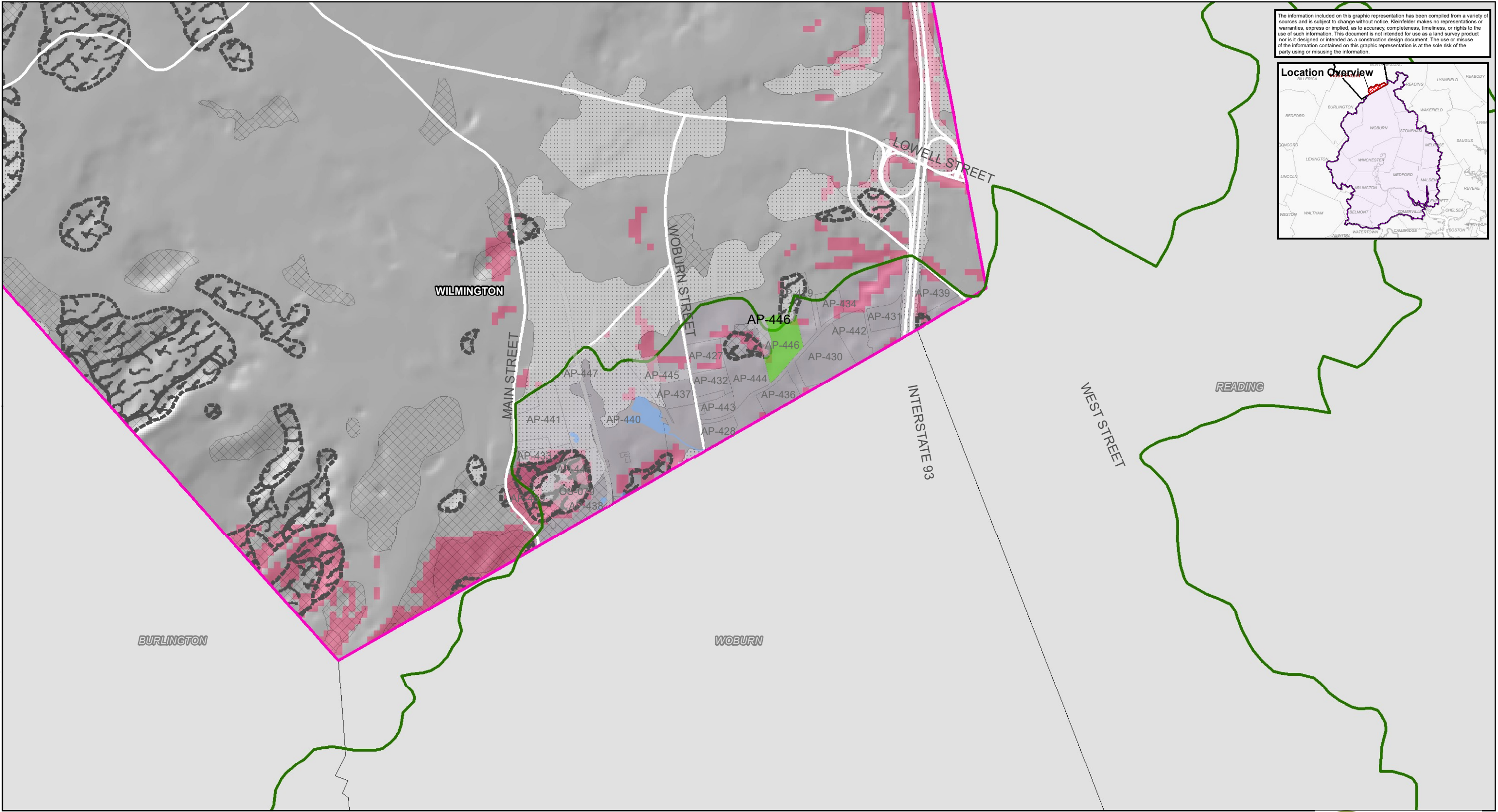
- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)



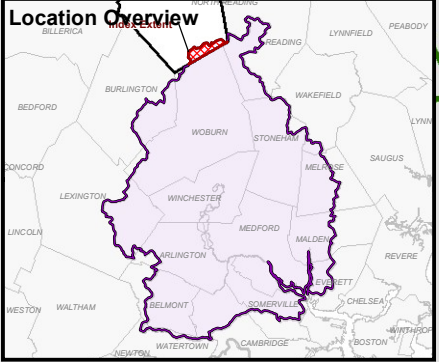
PROJECT NO. 20201034.004A	Bedrock, Slope "suitable" site area parsing - Watertown Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Suitability Screening Per Town WATERTOWN, MA	FIGURE 14 of 17
CREATED: 12/1/2020		
CREATED BY: KJohnson		
CHECKED BY: CP/KEJ		
FILE NAME: Mapbook_20200311_print GIS criteria.mxd		



Date: 12/1/2020 User: KJohnson Path: \\azrgis\storp01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\IMXD\Kl scratch\Mapbook_20200311_print GIS criteria.mxd



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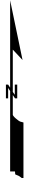
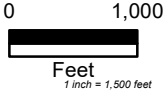


LEGEND

- Upper Mystic River Watershed
- Watershed Boundary
- Town Boundary
- Water
- Bedrock Condition**
- Shallow (< 1.5 feet)

- Slope (per NRCS SSURGO, 10m x 10m)**
- Slope Gradient - Weighted Average**
- 6%-10%
- >10%
- Slope (from DEM, 100ft x 100ft)**
- <VALUE>**
- Less Than 6% Slope
- Greater Than 6% Slope

- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)

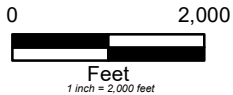


PROJECT NO. 20201034.004A	Bedrock, Slope "suitable" site area parsing - Wilmington Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Suitability Screening Per Town WILMINGTON, MA	FIGURE 15 of 17
CREATED: 12/1/2020		
CREATED BY: KJohnson		
CHECKED BY: CP/KEJ		
FILE NAME: Mapbook_20200311_print GIS criteria.mxd		

 Upper Mystic River Watershed
 Watershed Boundary
 Town Boundary
 Water
Bedrock Condition
 Shallow (< 1.5 feet)

☐ Less Than 6% Slope
☒ Greater Than 6% Slope

- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)







PROJECT NO. 20201034.004A	
CREATED:	12/1/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	
Mapbook_20200311_print GIS criteria.mxd	

Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Suitability Screening
Per Town
WINCHESTER, MA

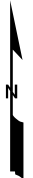
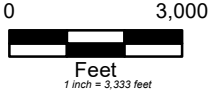
16
of 17

 Upper Mystic River Watershed
 Watershed Boundary
 Town Boundary
 Water
Bedrock Condition
 Shallow (< 1.5 feet)

Slope (per NRCS SSURGO, 10m x 10m)
Slope Gradient - Weighted Average
 6%-10%
 >10%

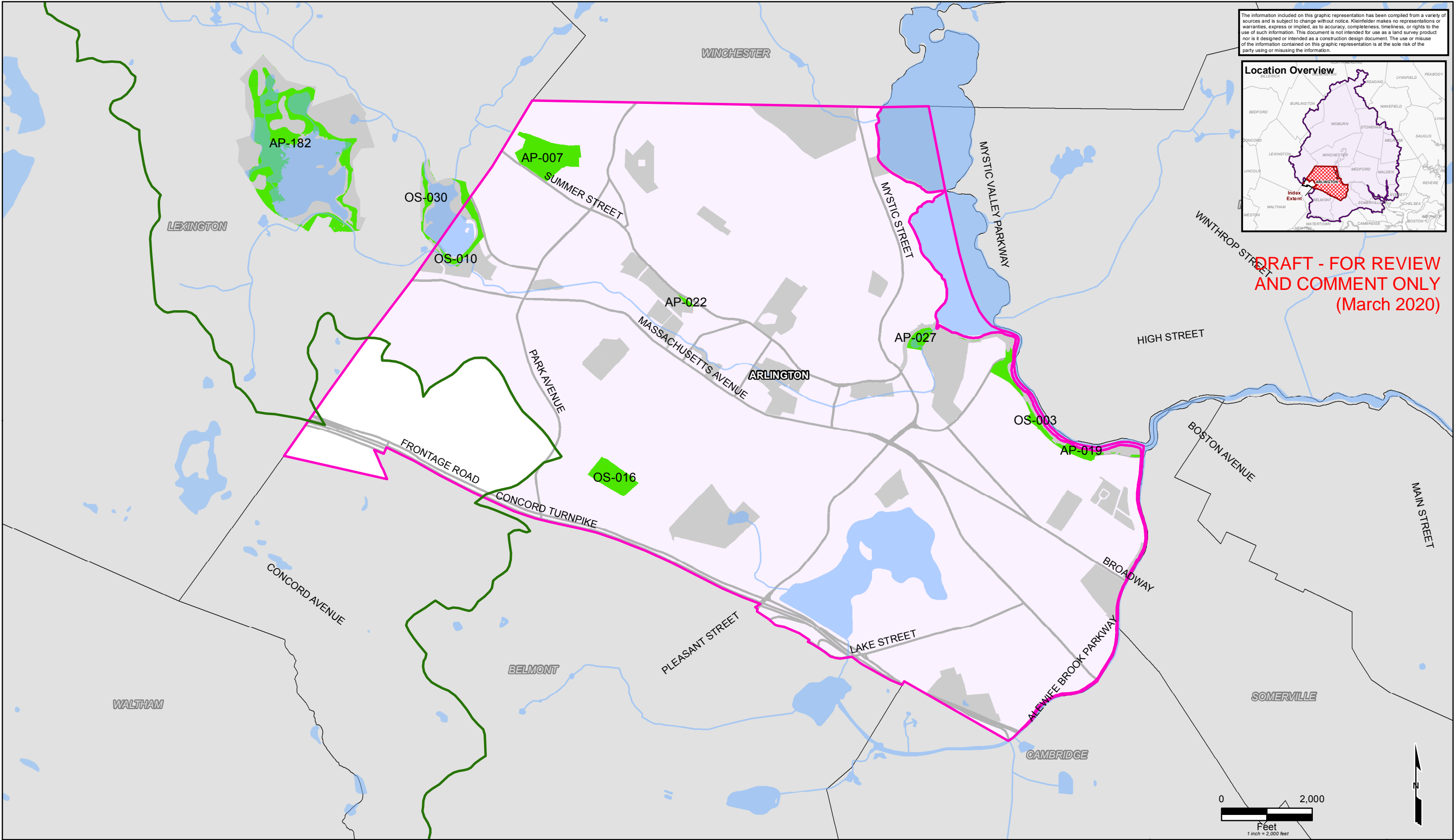
Slope (from DEM, 100ft x 100ft)
<VALUE>
 Less Than 6% Slope
 Greater Than 6% Slope

- Suitable site (Public Open Space), clipped to suitable parcel area
- Suitable site, Other, clipped to suitable parcel area
- Suitable parcel, but project likely not feasible due to active use
- Parcels >3 acres (public land use, vacant, or select private use)

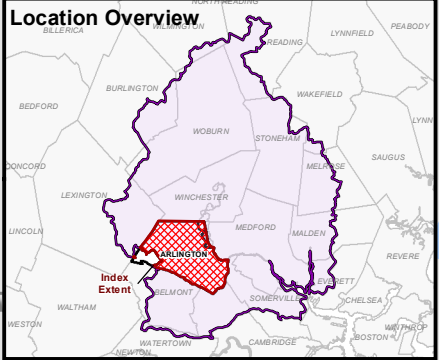


PROJECT NO. 20201034.004A	<p>Bedrock, Slope "suitable" site area parsing - Woburn</p> <p>Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Suitability Screening Per Town WOBURN, MA</p>	<p>FIGURE</p> <p>17 of 17</p>
CREATED: 12/1/2020		
CREATED BY: KJohnson		
CHECKED BY: CP/KEJ		
FILE NAME: Mapbook_20200311_print GIS criteria.mxd		








Date: 3/19/2020 User: KJohnson Path: \\azgisstor01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\WXM\Mapbook_20200311_print GI Opportunities_simplified



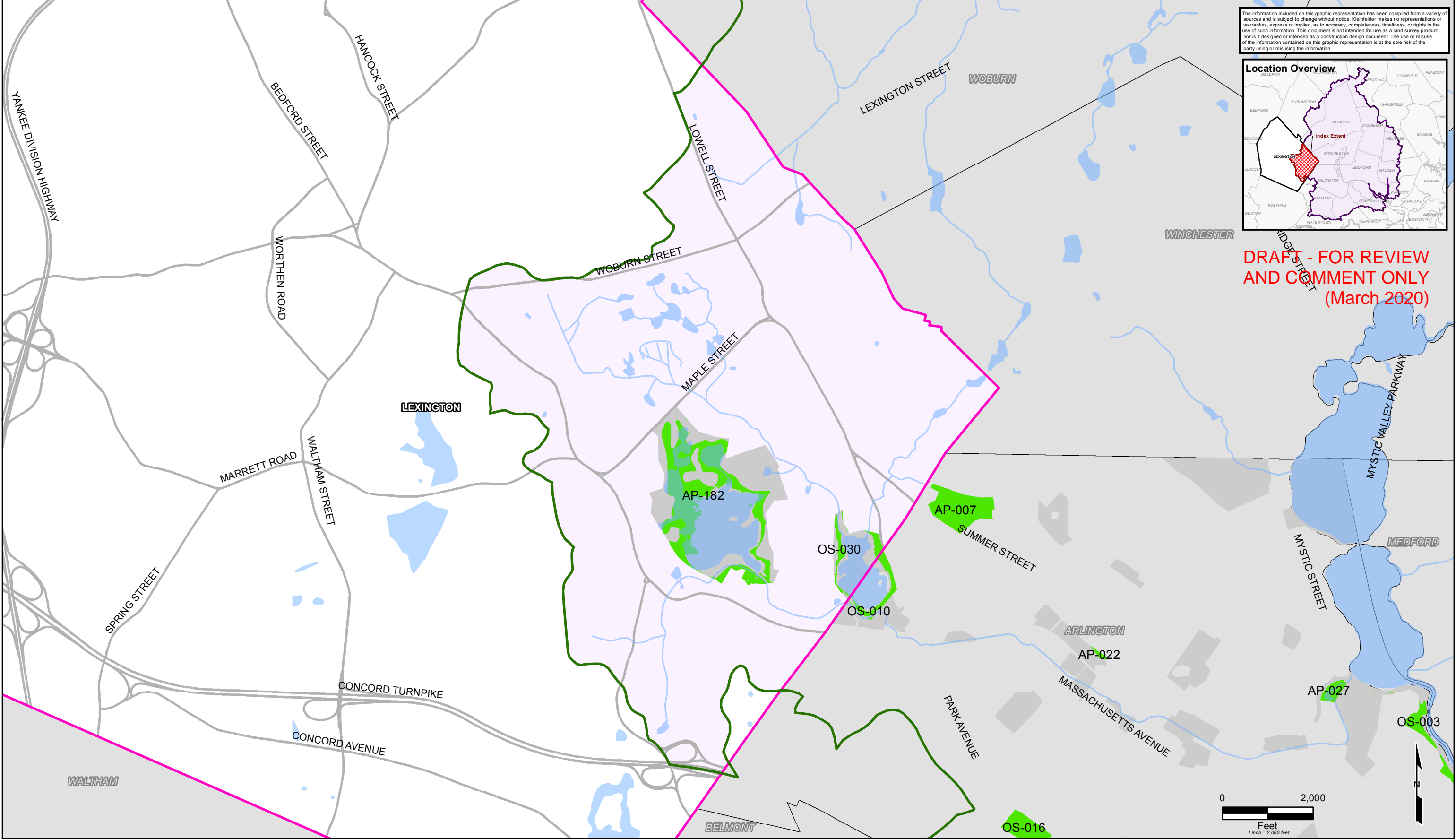
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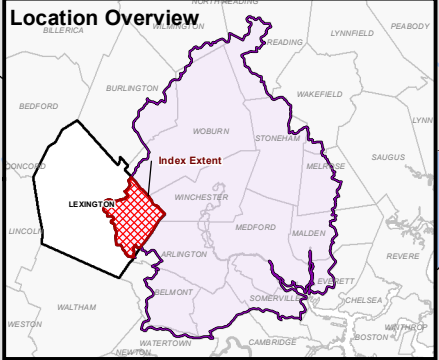
**DRAFT - FOR REVIEW
AND COMMENT ONLY
(March 2020)**

LEGEND			PROJECT NO. 20201034.004A		Wetland GI Opportunities ARLINGTON	FIGURE 1 of 17
 Municipal area in UM watershed	 Water		CREATED:	3/19/2020		
 Watershed Boundary	 Suitable site, clipped to suitable parcel area		CREATED BY:	KJohnson		
 Town Boundary	 Parcels >3 acres (public land use, vacant, or select private use)		CHECKED BY:	CP/KEJ		
				FILE NAME:	Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Opportunities Per Municipality ARLINGTON, MA	
			Mapbook_20200311_print GI Opportunities_simplified.mxd			

Date: 3/19/2020 User: KJohnson Path: \\azgisstor01\GIS_Projects\Client\MA_Cambridge\20201034_004A- Watershed-Wide Analysis and MVP Grant\GIS\Mapbook_20200311_print GI Opportunities_simplified.mxd



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(March 2020)**

LEGEND

- Municipal area in UM watershed
- Watershed Boundary
- Town Boundary
- Water
- Suitable site, clipped to suitable parcel area
- Parcels >3 acres (public land use, vacant, or select private use)

Bright People. Right Solutions.

PROJECT NO.	20201034.004A
CREATED:	3/19/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	

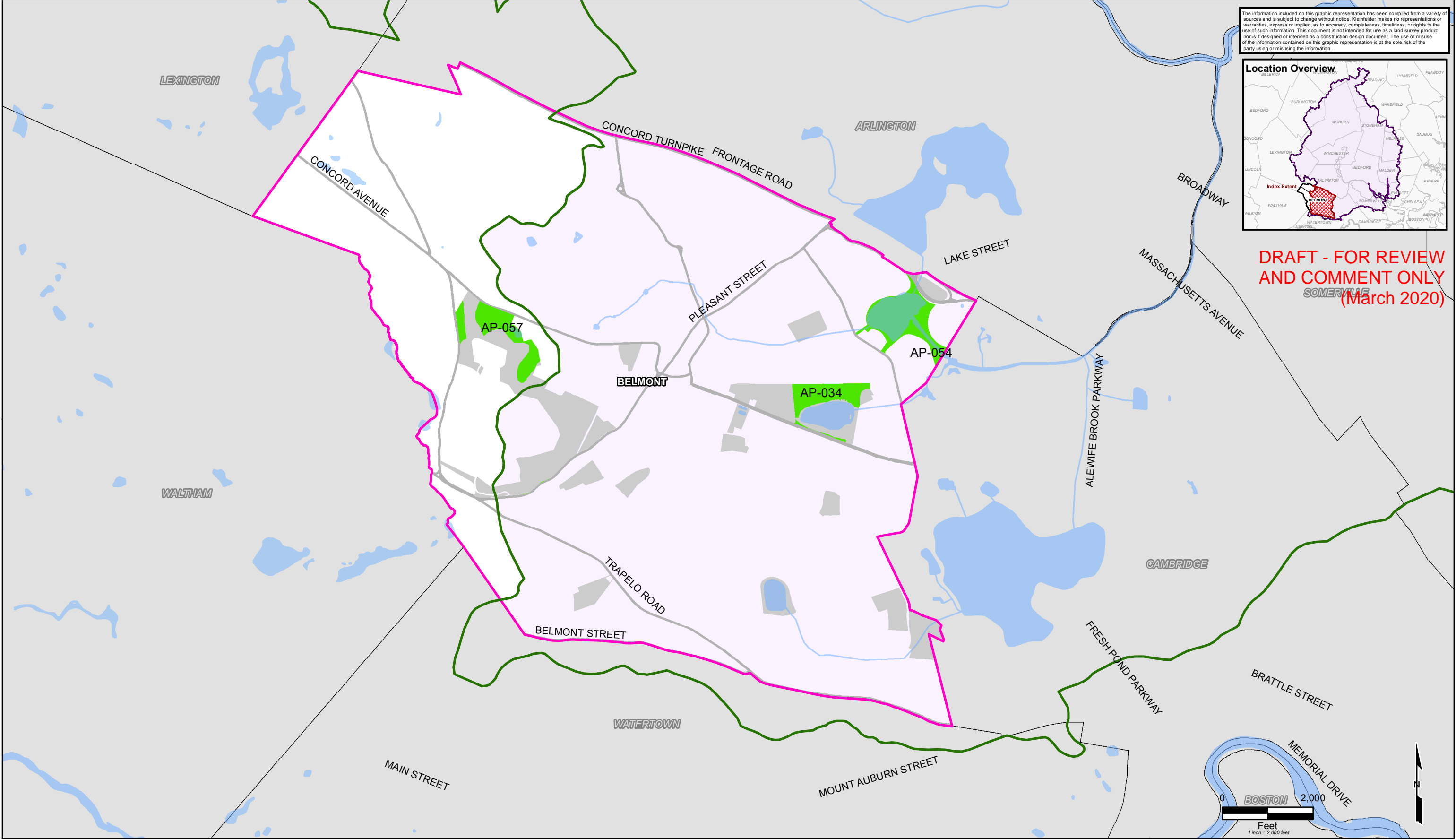
Mapbook_20200311_print GI Opportunities_simplified.mxd

Wetland GI Opportunities ARLINGTON (in Lexington)
Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Opportunites Per Municipality LEXINGTON, MA


FIGURE


6
of 17


Date: 3/18/2020 User: KJohnson Path: \\azgisstor01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\Mapbook_20200311_print GI Opportunities_simplified





LEGEND


Municipal area in UM watershed


Watershed Boundary

Town Boundary

Water

Suitable site, clipped to suitable parcel area

Parcels >3 acres (public land use, vacant, or select private use)



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PROJECT NO.	20201034.004A
CREATED:	3/18/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	Mapbook_20200311_print GI Opportunities_simplified.mxd

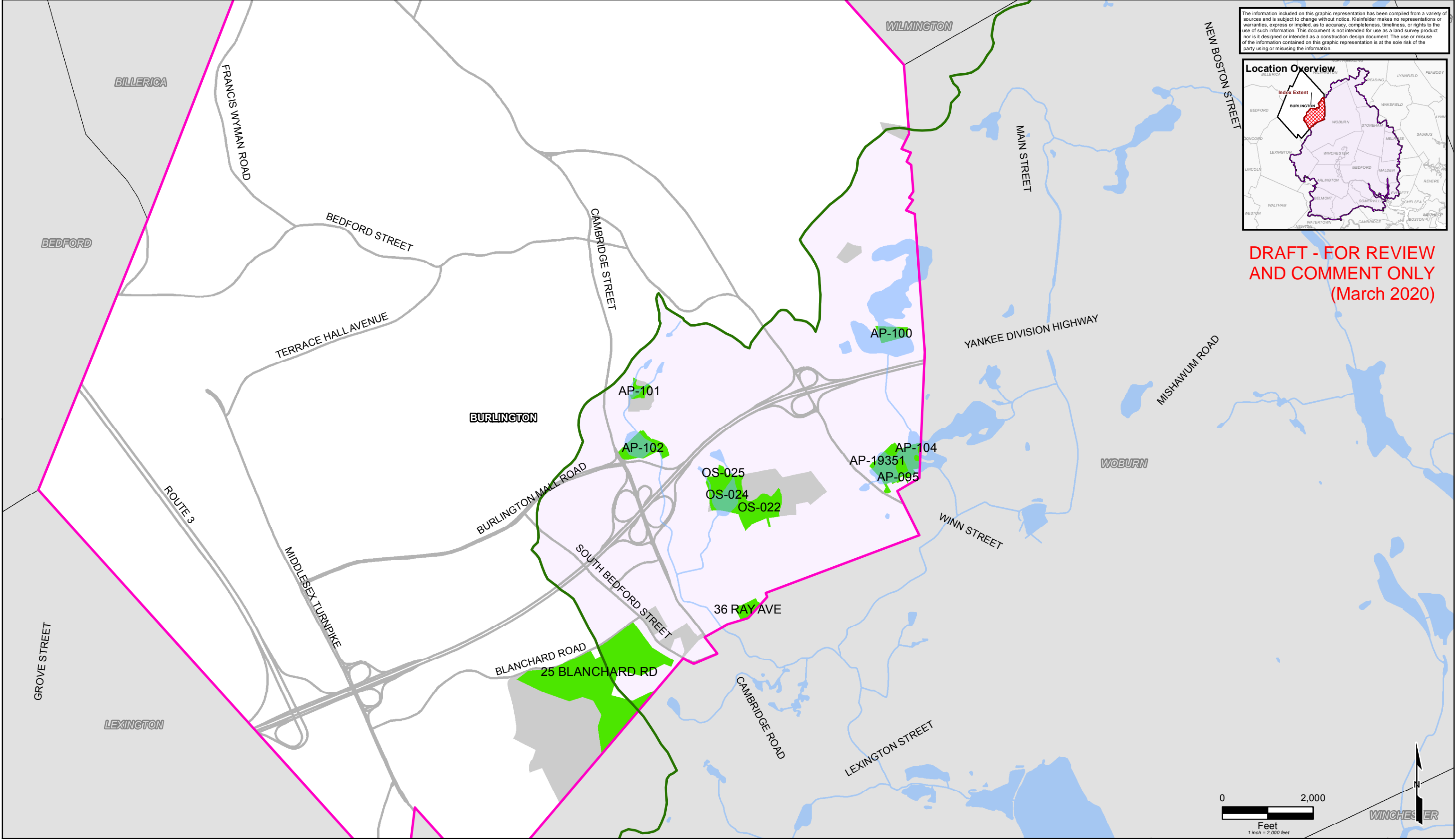
**Wetland GI Opportunities
BELMONT**

Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Opportunites
Per Municipality
BELMONT, MA

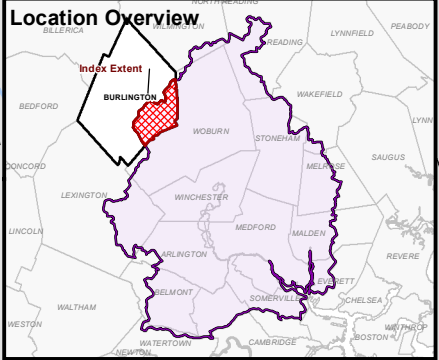
FIGURE

2
of 17

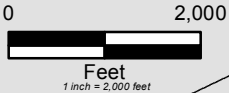
Date: 3/20/2020 User: KJohnson Path: \\azgisstor01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\Mapbook_20200311_print GI Opportunities_simplified



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LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Town Boundary
- Parcels >3 acres (public land use, vacant, or select private use)



PROJECT NO.	20201034.004A
CREATED:	3/20/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	

Mapbook_20200311_print GI Opportunities_simplified.mxd

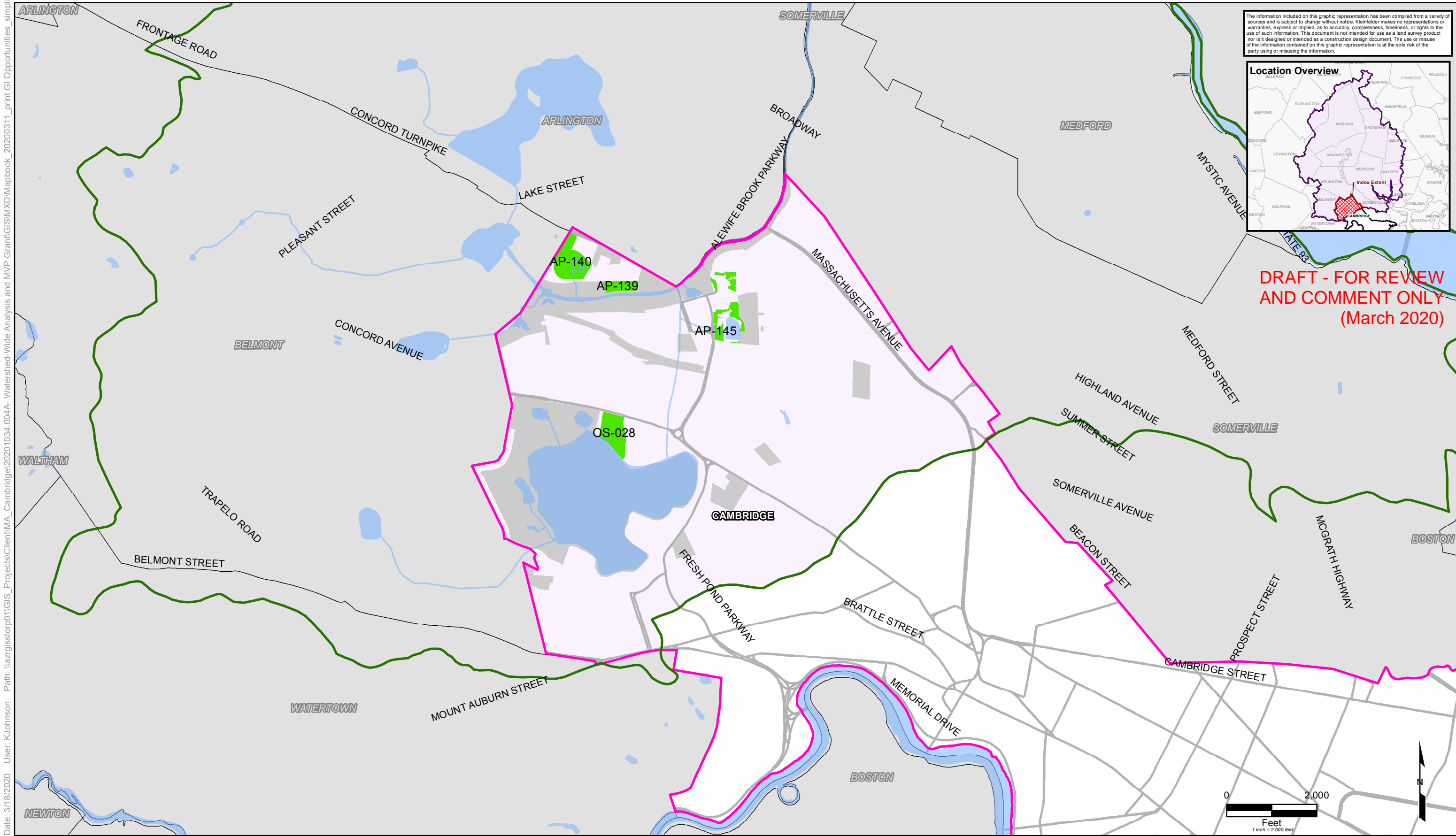
**Wetland GI Opportunities
BURLINGTON**

Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Opportunites
Per Municipality
BURLINGTON, MA

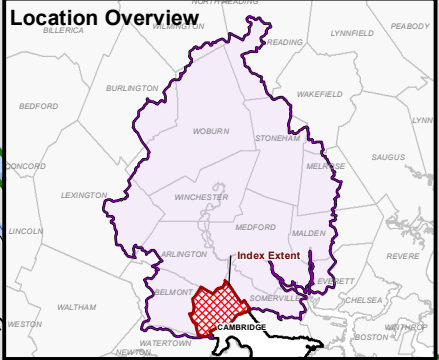
FIGURE

3
of 17

Date: 3/18/2020 User: KJohnson Path: \\azgisstor01\GIS_Projects\Client\MA_Cambridge\20201034_004A- Watershed-Wide Analysis and MVP Grant\GIS\WDXD\Mapbook_20200311_print GI Opportunities_simplified



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LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Town Boundary
- Parcels >3 acres (public land use, vacant, or select private use)



PROJECT NO. 20201034.004A
CREATED: 3/18/2020
CREATED BY: KJohnson
CHECKED BY: CP/KEJ
FILE NAME:

Mapbok_20200311_print GI Opportunities_simplified.mxd

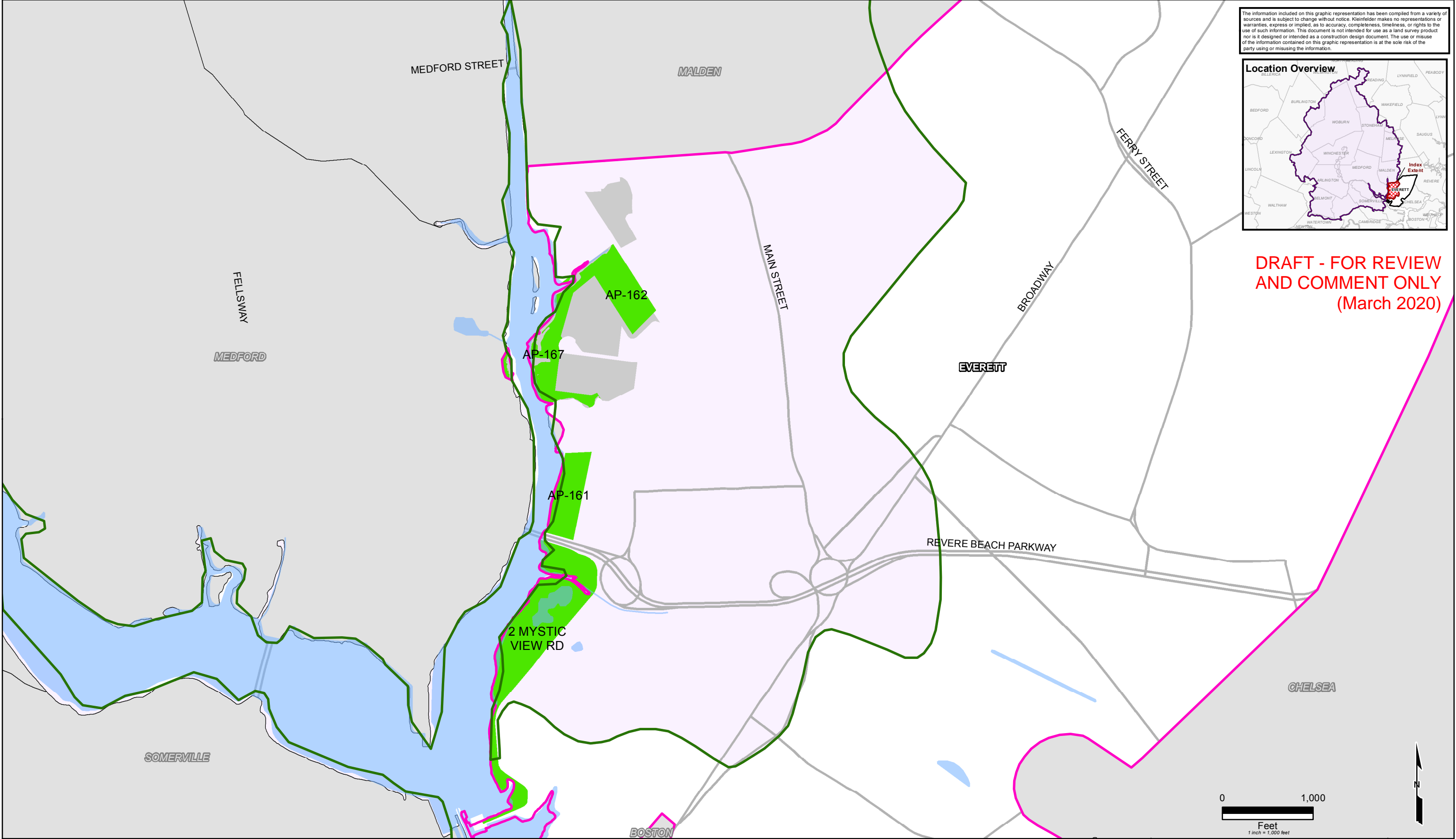
Wetland GI Opportunities CAMBRIDGE

Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Opportunites
Per Municipality
CAMBRIDGE, MA

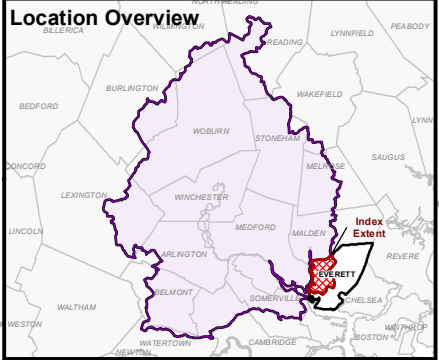
FIGURE

4
of 17

Date: 3/18/2020 User: KJohnson Path: \\azgisstor01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\Mapbook_20200311_print GI Opportunities_simplified



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LEGEND

- Municipal area in UM watershed

Watershed Boundary

Town Boundary
- Water

Suitable site, clipped to suitable parcel area

Parcels >3 acres (public land use, vacant, or select private use)



PROJECT NO.	20201034.004A
CREATED:	3/18/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	

Mapbook_20200311_print GI Opportunities_simplified.mxd

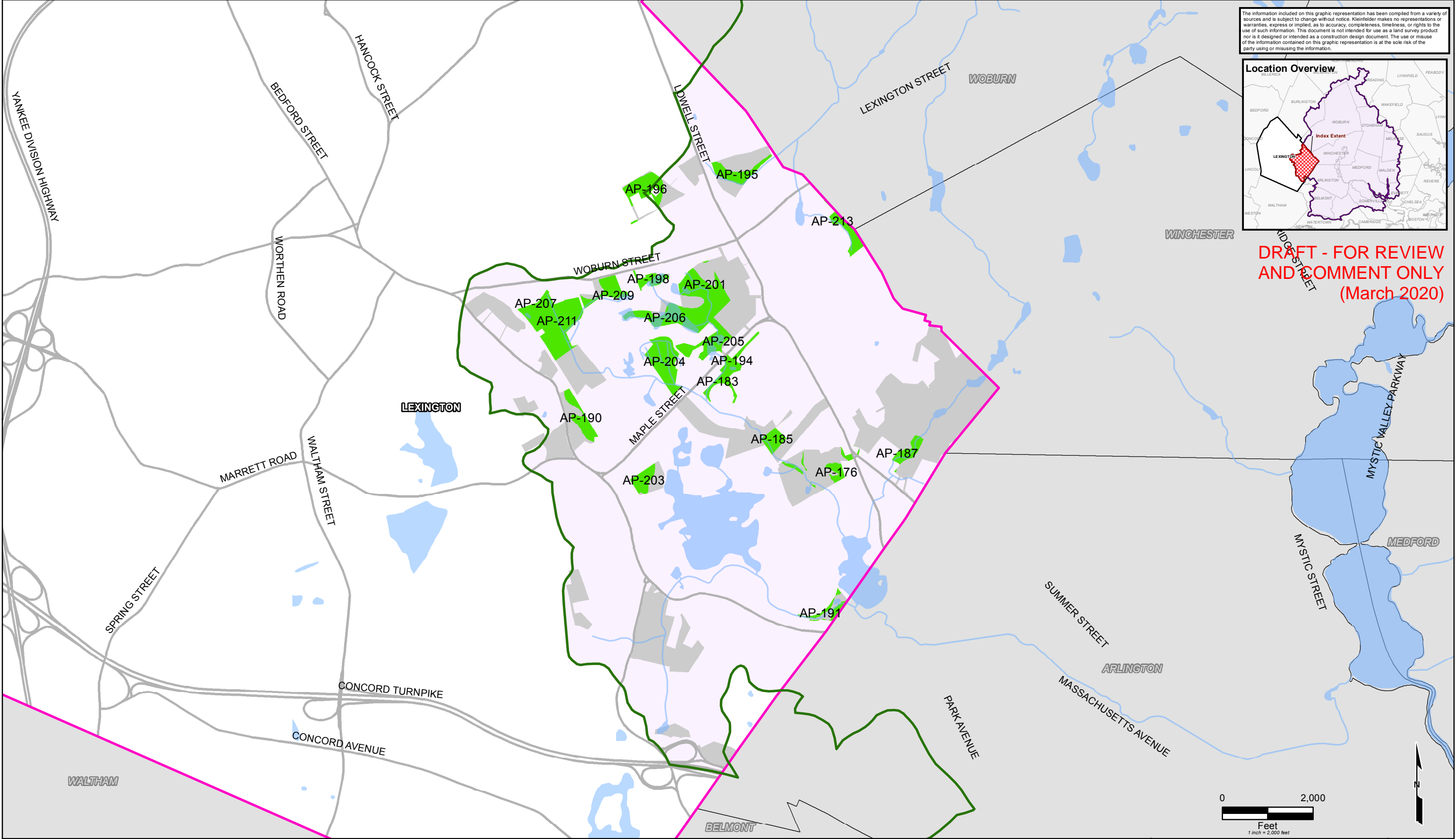
Wetland GI Opportunities
EVERETT

Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Opportunites
Per Municipality
EVERETT, MA

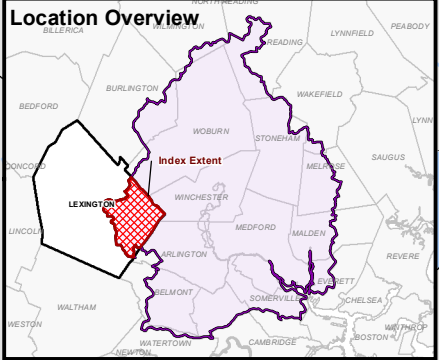
FIGURE

5
of 17

Date: 3/20/2020 User: KJohnson Path: \\azgisstor01\GIS_Projects\Client\MA_Cambridge\20201034_004A- Watershed-Wide Analysis and MVP Grant\GIS\Mapbook_20200311_print GI Opportunities_simplified



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(March 2020)**

LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Town Boundary
- Parcels >3 acres (public land use, vacant, or select private use)



PROJECT NO.	20201034.004A
CREATED:	3/20/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	

Mapbook_20200311_print GI Opportunities_simplified.mxd

**Wetland GI Opportunities
LEXINGTON**

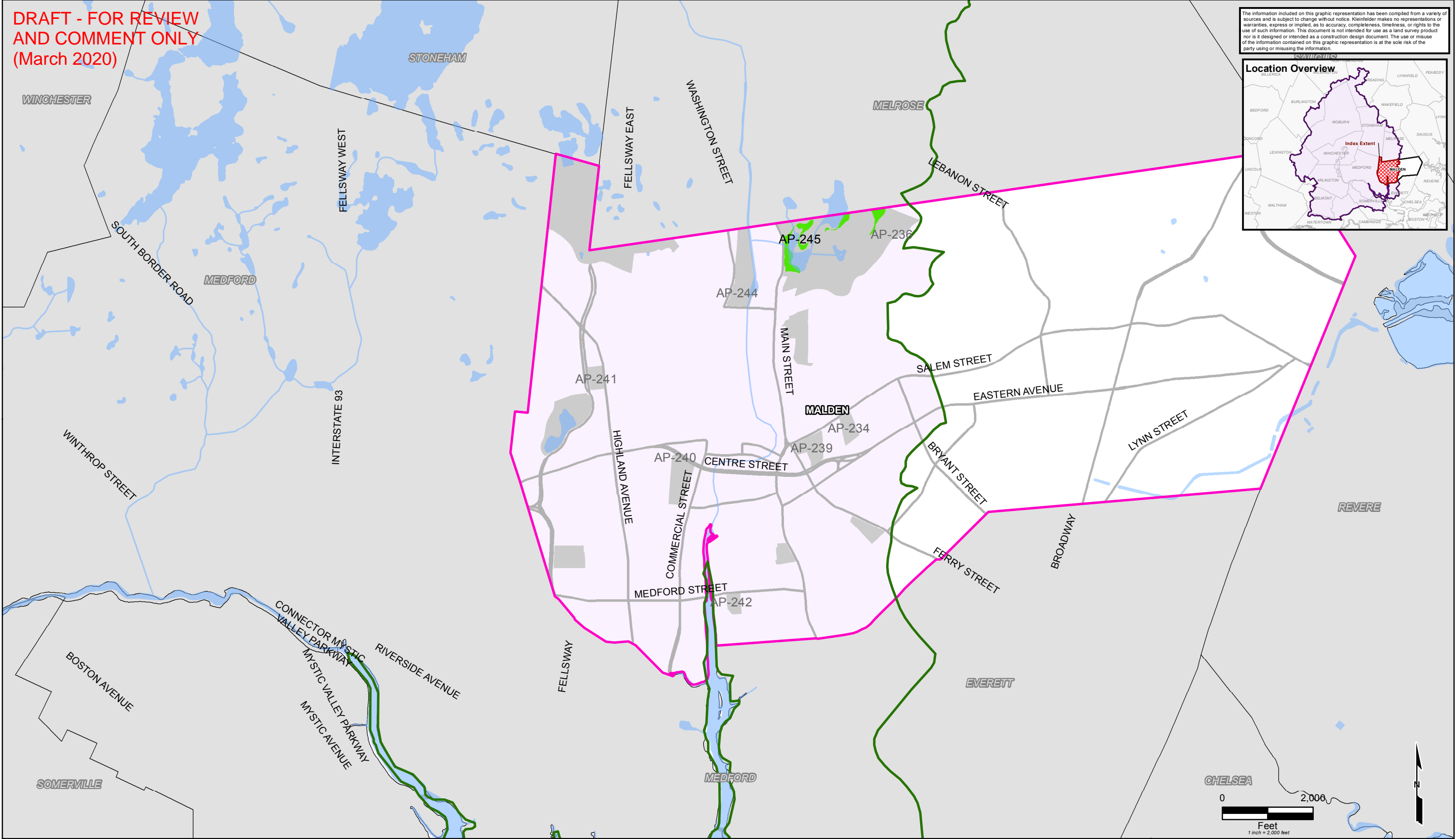
Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Opportunites
Per Municipality
LEXINGTON, MA

FIGURE

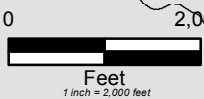
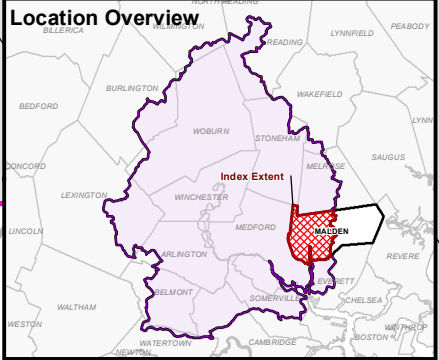
6
of 17

Date: 3/18/2020 User: KJohnson Path: \\azgis\storp01\GIS_Projects\Client\MA_Watershed-Wide Analysis and MVP Grant\GIS\WXM\Mapbook_20200311_print GI Opportunities_simplified

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LEGEND

- Municipal area in UM watershed
- Watershed Boundary
- Town Boundary
- Water
- Suitable site, clipped to suitable parcel area
- Parcels >3 acres (public land use, vacant, or select private use)

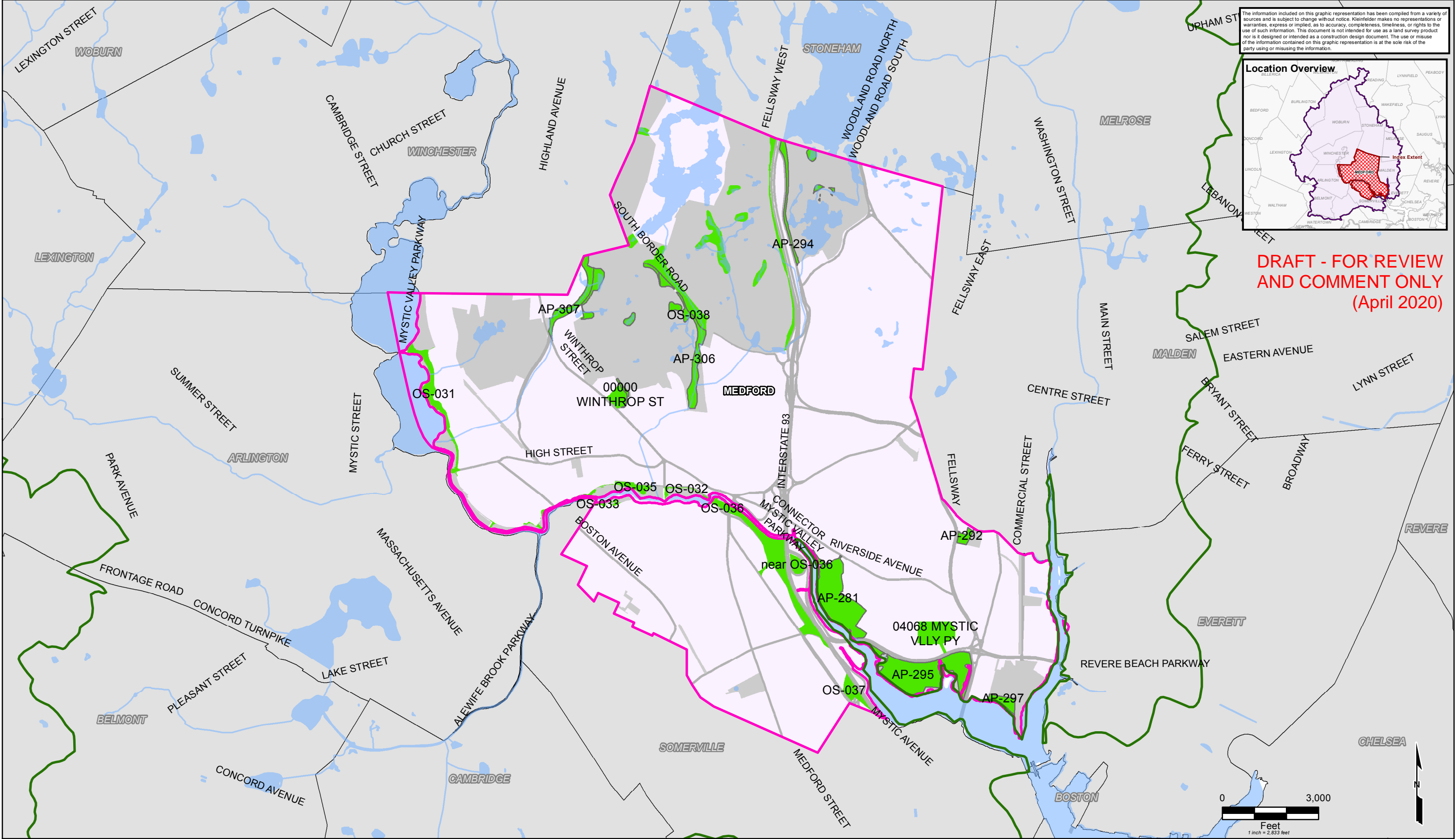


PROJECT NO.	20201034.004A
CREATED:	3/18/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	

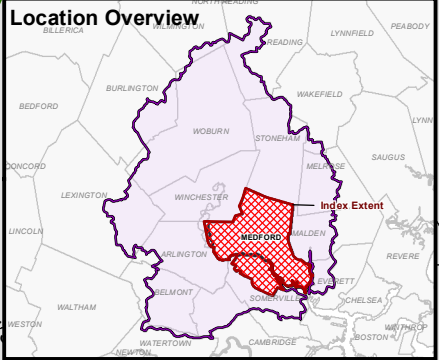
Mapbook_20200311_print GI Opportunities_simplified.mxd

Wetland GI Opportunities MALDEN
Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Opportunites Per Municipality MALDEN, MA

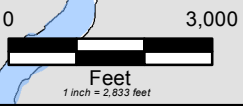
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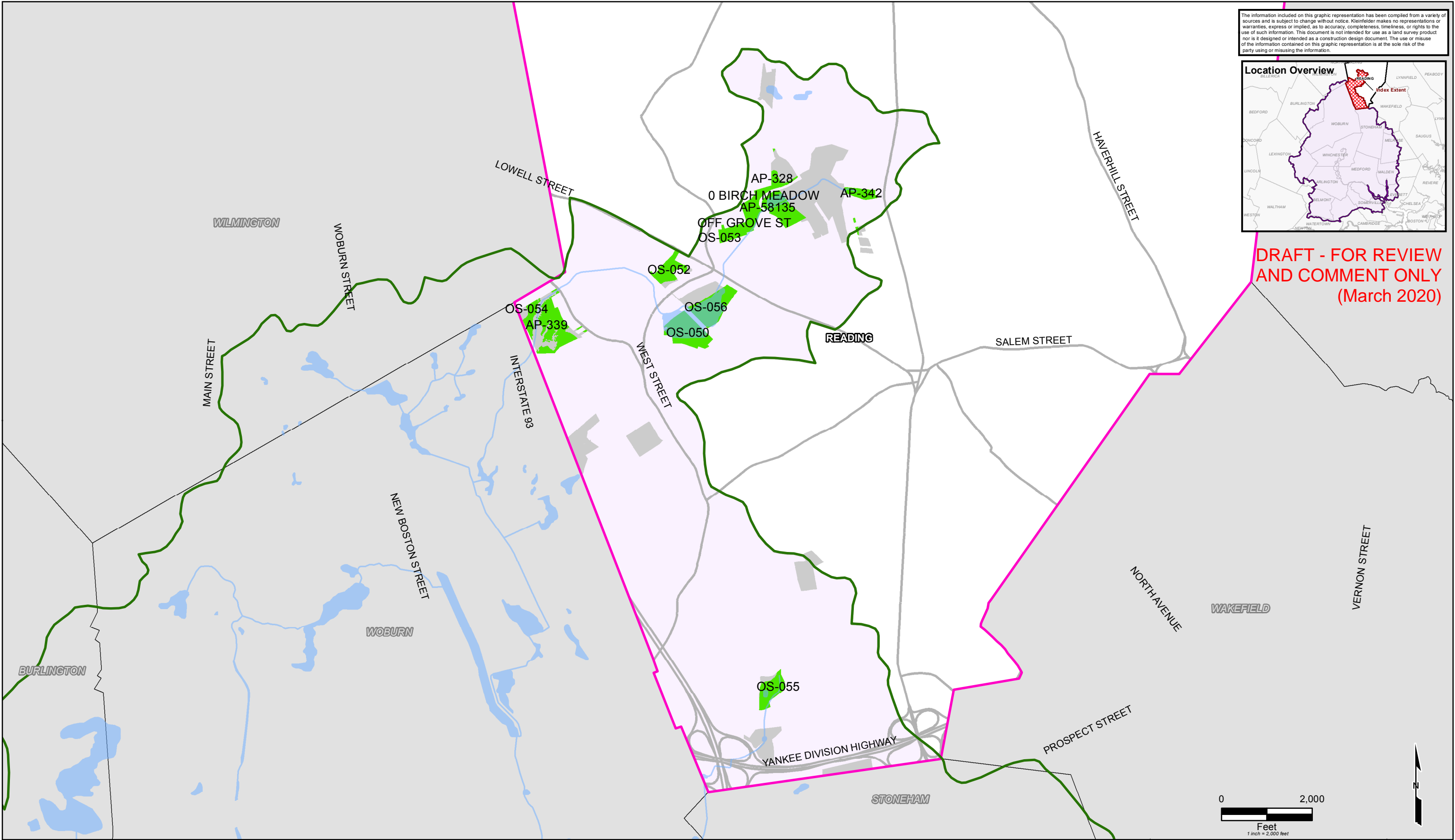
LEGEND			PROJECT NO. 20201034.004A	Wetland GI Opportunities MEDFORD	FIGURE 8 of 17
 Municipal area in UM watershed	 Water		CREATED: 4/7/2020		
 Watershed Boundary	 Suitable site, clipped to suitable parcel area		CREATED BY: KJohnson		
 Town Boundary	 Parcels >3 acres (public land use, vacant, or select private use)		CHECKED BY: CP/KEJ		
		FILE NAME:	Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Opportunities Per Municipality MEDFORD, MA		
		Mapbook_20200324_priority parcels merged.mxd			

 Town Boundary

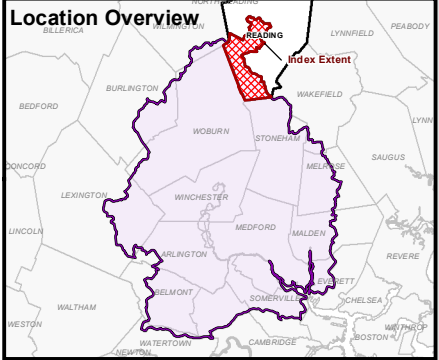
■ Parcels >3 acres (public land use, vacant, or select private use)



Date: 3/20/2020 User: KJohnson Path: \\azgis\storp01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\WXM\Mapbook_20200311_print GI Opportunities_simplified



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(March 2020)**

LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Town Boundary
- Parcels >3 acres (public land use, vacant, or select private use)



PROJECT NO.	20201034.004A
CREATED:	3/20/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	

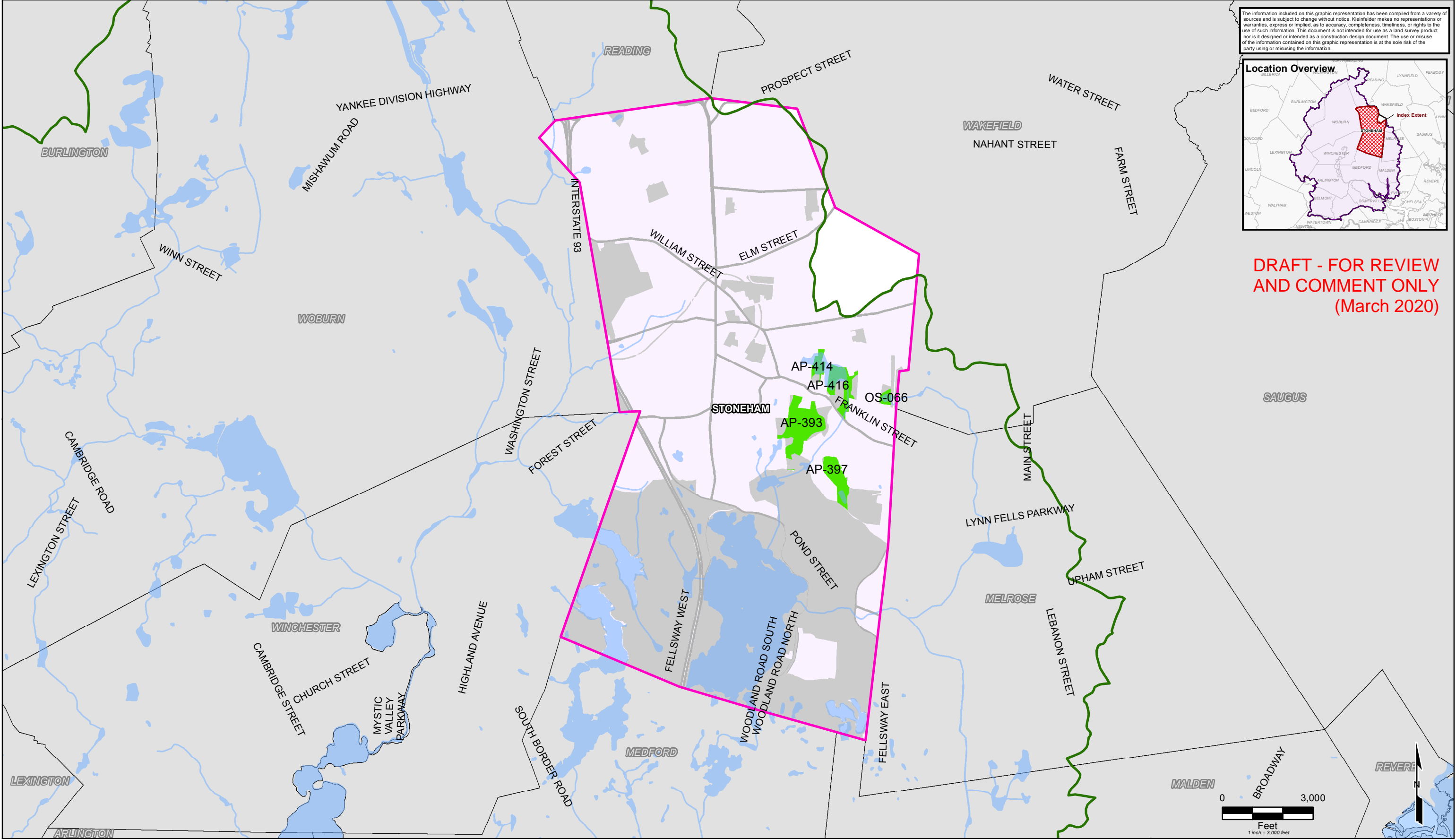
Mapbook_20200311_print GI Opportunities_simplified.mxd








**Wetland GI Opportunities
READING**

Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Opportunites
Per Municipality
READING, MA

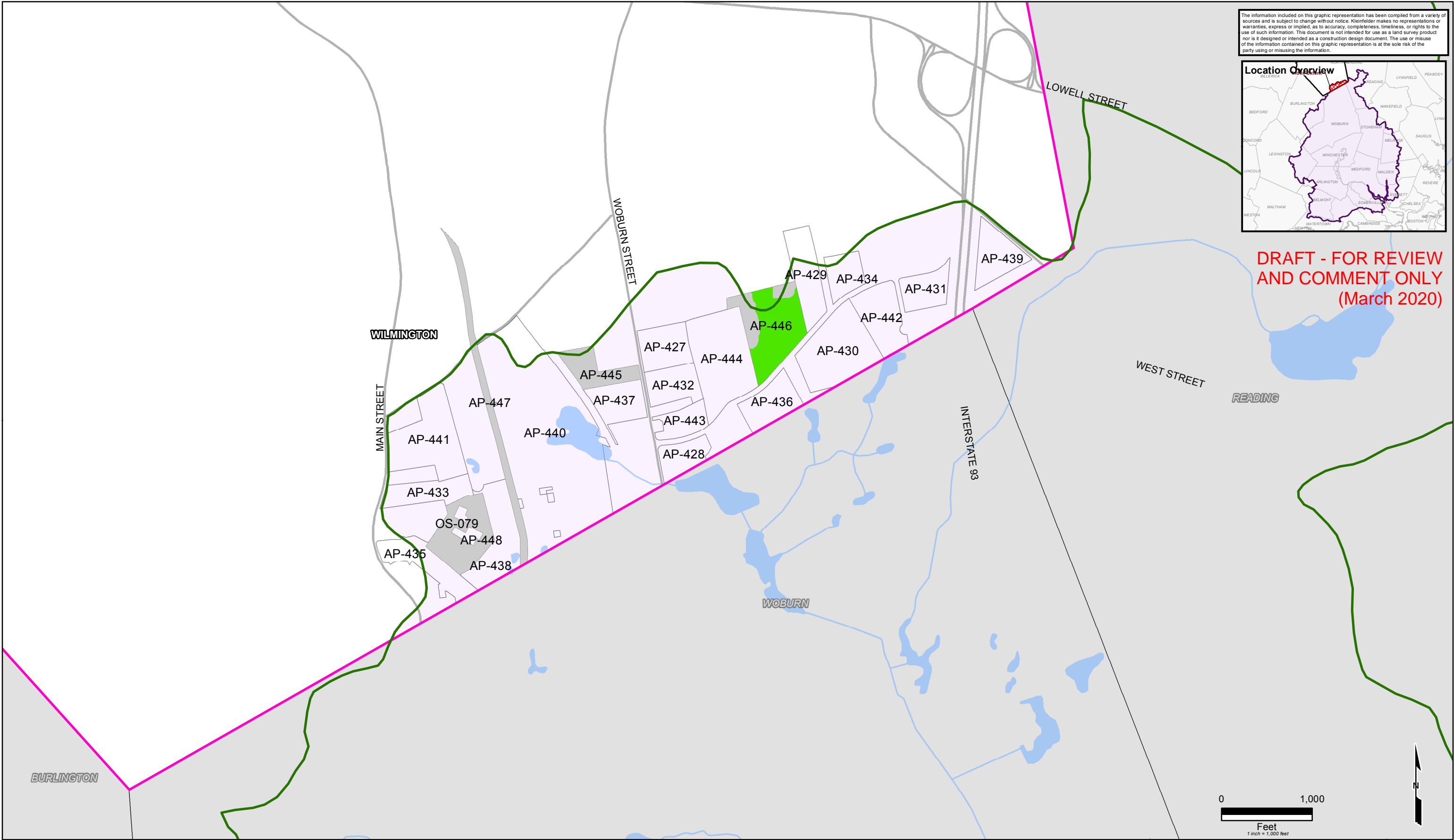
FIGURE

10
of 17



LEGEND			PROJECT NO. 20201034.004A	Wetland GI Opportunities STONEHAM	FIGURE 12 of 17
 Municipal area in UM watershed	 Water		CREATED: 3/18/2020		
 Watershed Boundary	 Suitable site, clipped to suitable parcel area		CREATED BY: KJohnson		
 Town Boundary	 Parcels >3 acres (public land use, vacant, or select private use)		CHECKED BY: CP/KEJ		
			FILE NAME:	Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Opportunities Per Municipality STONEHAM, MA	
			Mapbook_20200311_print GI Opportunities_simplified.mxd		

Date: 3/20/2020 User: KJohnson Path: \\azgis\storp01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\WXM\Mapbook_20200311_print GI Opportunities_simplified



LEGEND

- Municipal area in UM watershed
- Watershed Boundary
- Town Boundary
- Water
- Suitable site, clipped to suitable parcel area
- Parcels >3 acres (public land use, vacant, or select private use)

PROJECT NO. 20201034.004A

CREATED: 3/20/2020

CREATED BY: KJohnson

CHECKED BY: CP/KEJ

FILE NAME: Mapbook_20200311_print GI Opportunities_simplified.mxd

**Wetland GI Opportunities
WILMINGTON**

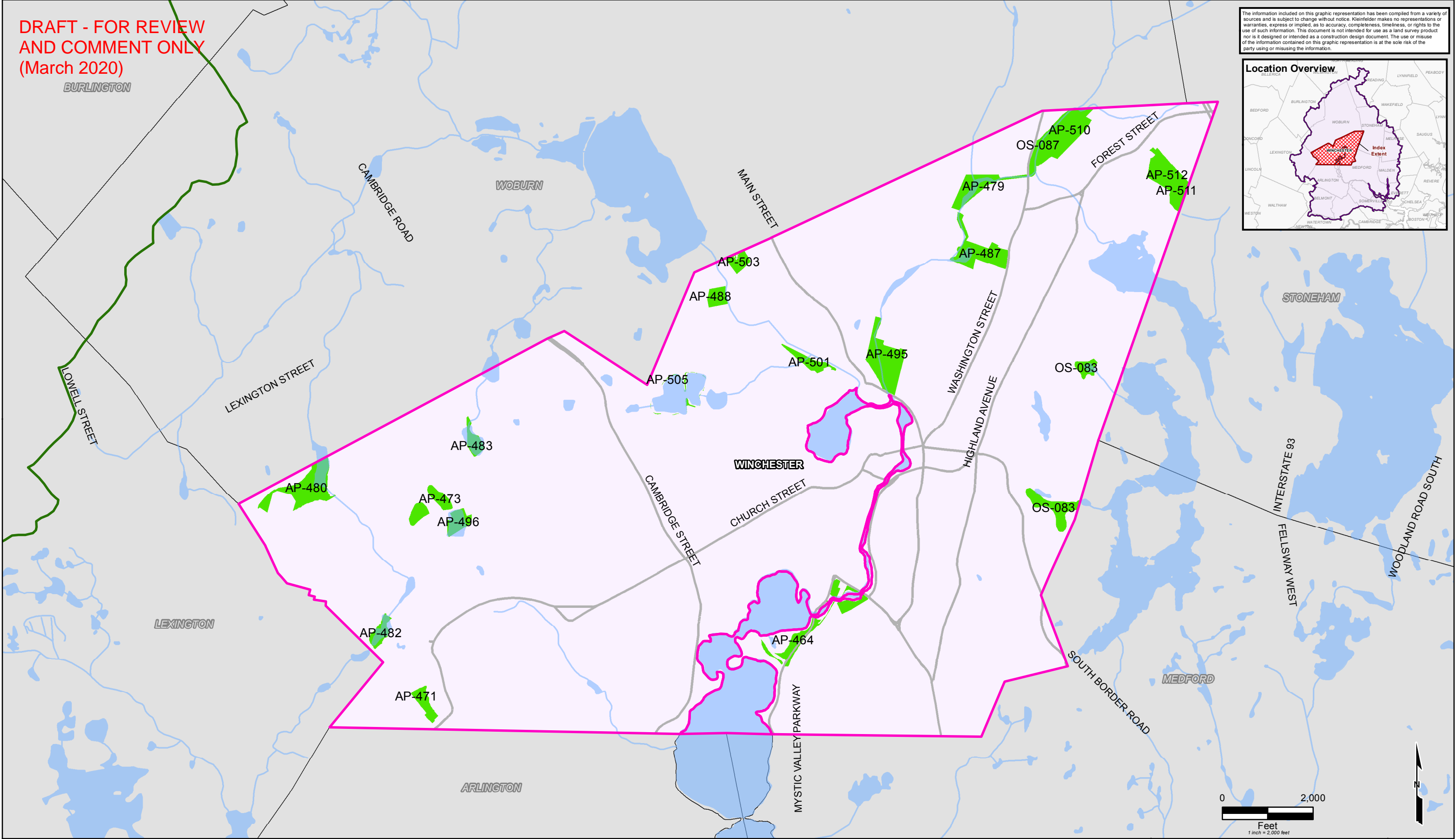
Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Opportunites
Per Municipality
WILMINGTON, MA

FIGURE

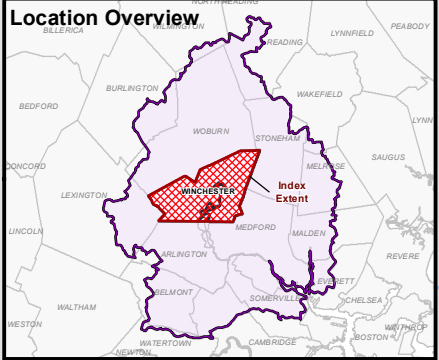
15
of 17

Date: 3/19/2020 User: KJohnson Path: \\azgisstor01\GIS_Projects\Client\MA_Cambridge\20201034.004A- Watershed-Wide Analysis and MVP Grant\GIS\Mapbook_20200311_print GI Opportunities_simplified

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LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Town Boundary
- Parcels >3 acres (public land use, vacant, or select private use)



PROJECT NO. 20201034.004A
CREATED: 3/19/2020
CREATED BY: KJohnson
CHECKED BY: CP/KEJ
FILE NAME:

Mapbook_20200311_print GI Opportunities_simplified.mxd

**Wetland GI Opportunities
WINCHESTER**

Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Opportunities
Per Municipality
WINCHESTER, MA

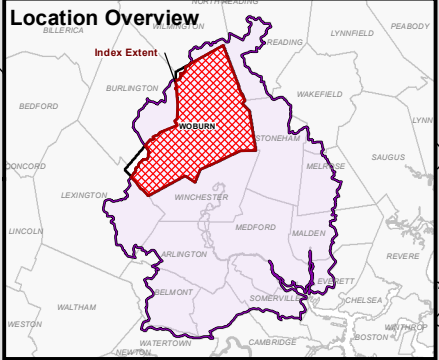
FIGURE

16
of 17

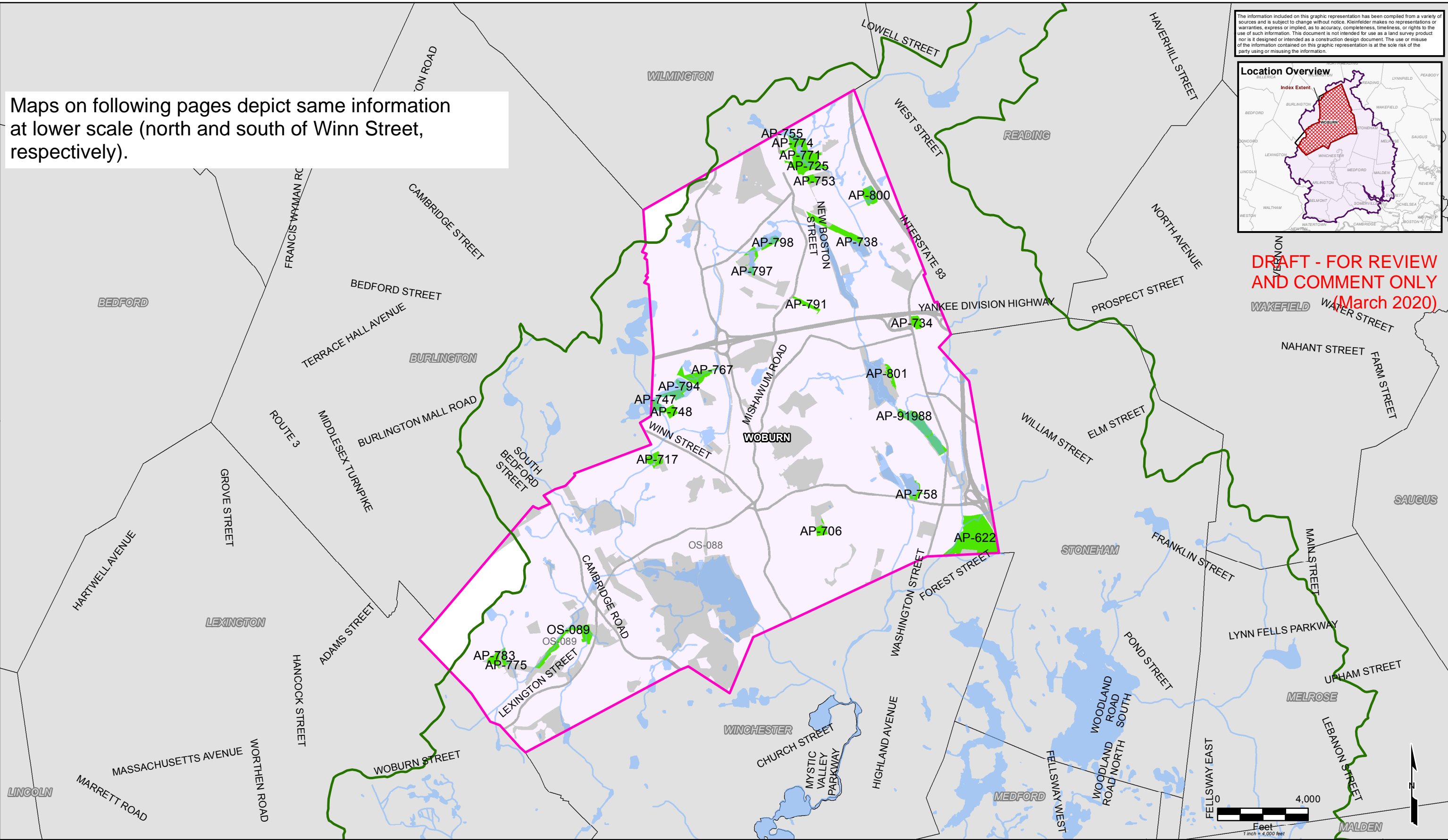
Date: 3/19/2020 User: KJohnson Path: \\azgisstor01\GIS_Projects\Client\MA_Cambridge\20201034_004A- Watershed-Wide Analysis and MVP Grant\GIS\WXM\Mapbook_20200311_print GI Opportunities_simplified

Maps on following pages depict same information at lower scale (north and south of Winn Street, respectively).

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DRAFT - FOR REVIEW AND COMMENT ONLY (March 2020)



LEGEND

Municipal area in UM watershed

Watershed Boundary

Town Boundary

Water

Suitable site, clipped to suitable parcel area

Parcels >3 acres (public land use, vacant, or select private use)

Bright People. Right Solutions.

PROJECT NO. 20201034.004A

CREATED: 3/19/2020

CREATED BY: KJohnson

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FILE NAME: Mapbok_20200311_print GI Opportunities_simplified.mxd

Wetland GI Opportunities

WOBURN

Mystic Watershed-Wide Analysis and MVP Grant

Wetland GI Opportunites

Per Municipality

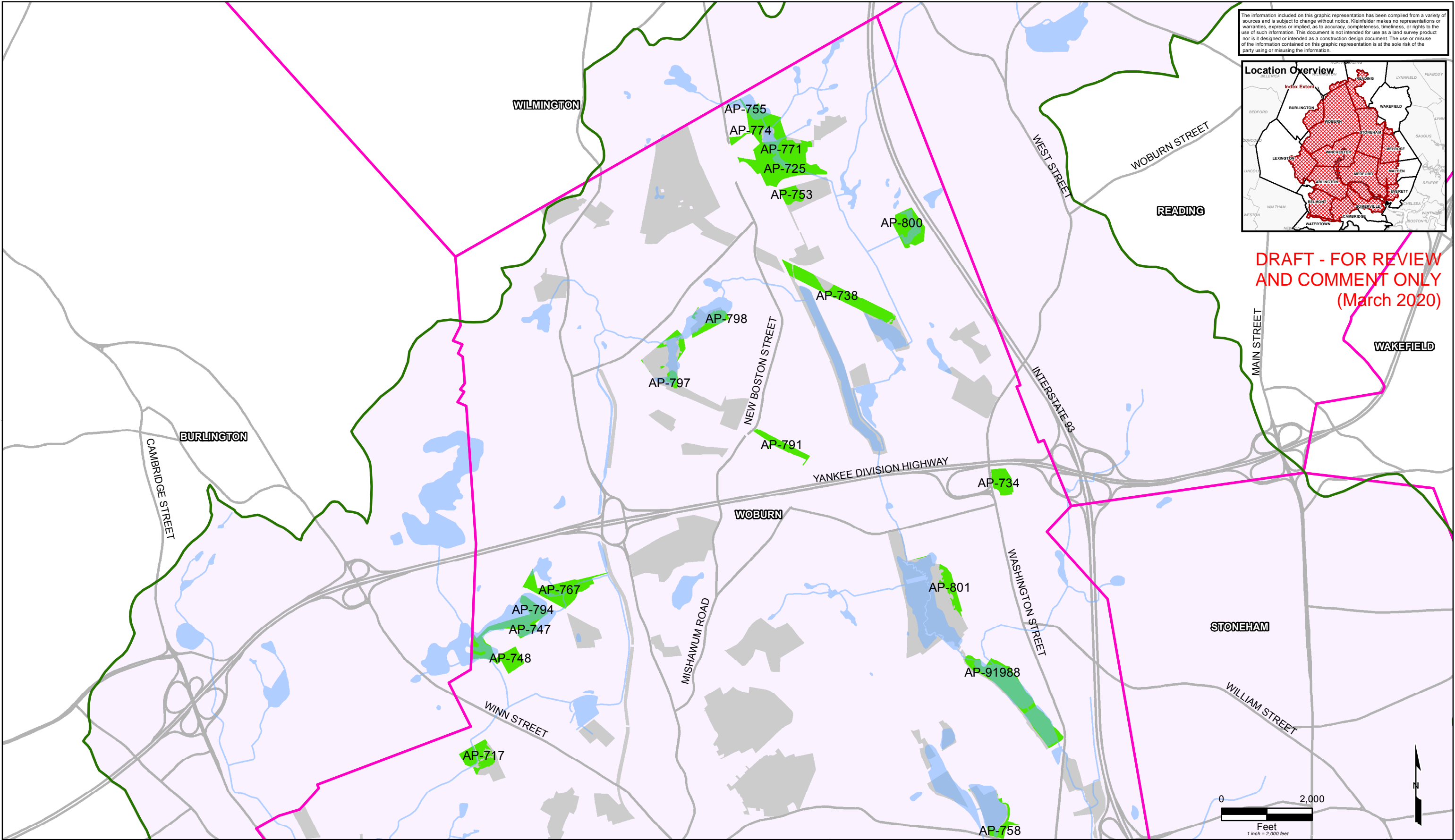
WOBURN, MA

FIGURE

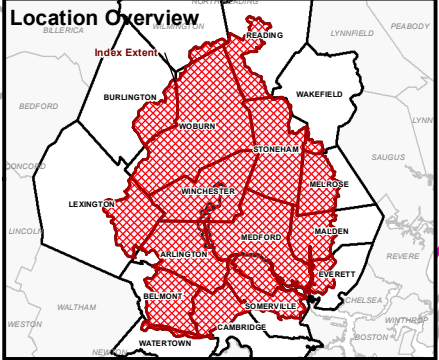
17

of 17

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DRAFT - FOR REVIEW
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(March 2020)

LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Town Boundary
- Parcels >3 acres (public land use, vacant, or select private use)



PROJECT NO.	20201034.004A
CREATED:	3/20/2020
CREATED BY:	KJohnson
CHECKED BY:	CP/KEJ
FILE NAME:	

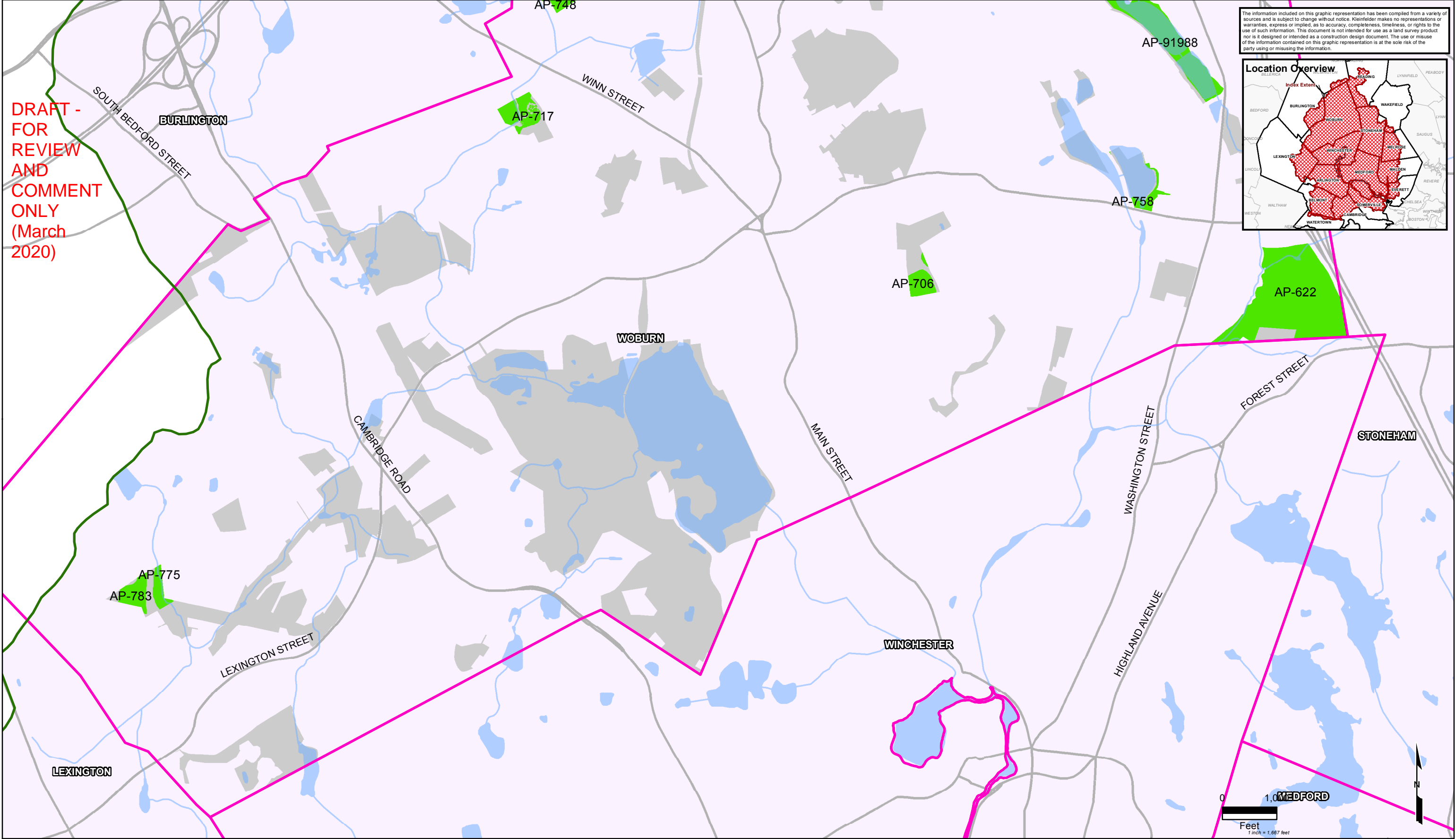
Mapbok_20200311_print GI Opportunities_simplified.mxd

Wetland GI Oppor1 (NORTH)

Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Opportunites
Per Municipality
, MA

FIGURE

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LEGEND

Municipal area in UM watershed

Water

Watershed Boundary

Suitable site, clipped to suitable parcel area

Town Boundary

Parcels >3 acres (public land use, vacant, or select private use)

Bright People. Right Solutions.

PROJECT NO.	20201034.004A
CREATED:	3/20/2020
CREATED BY:	KJohnson
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FILE NAME:	Mapbok_20200311_print GI Opportunities_simplified.mxd

WOBURN (SOUTH)

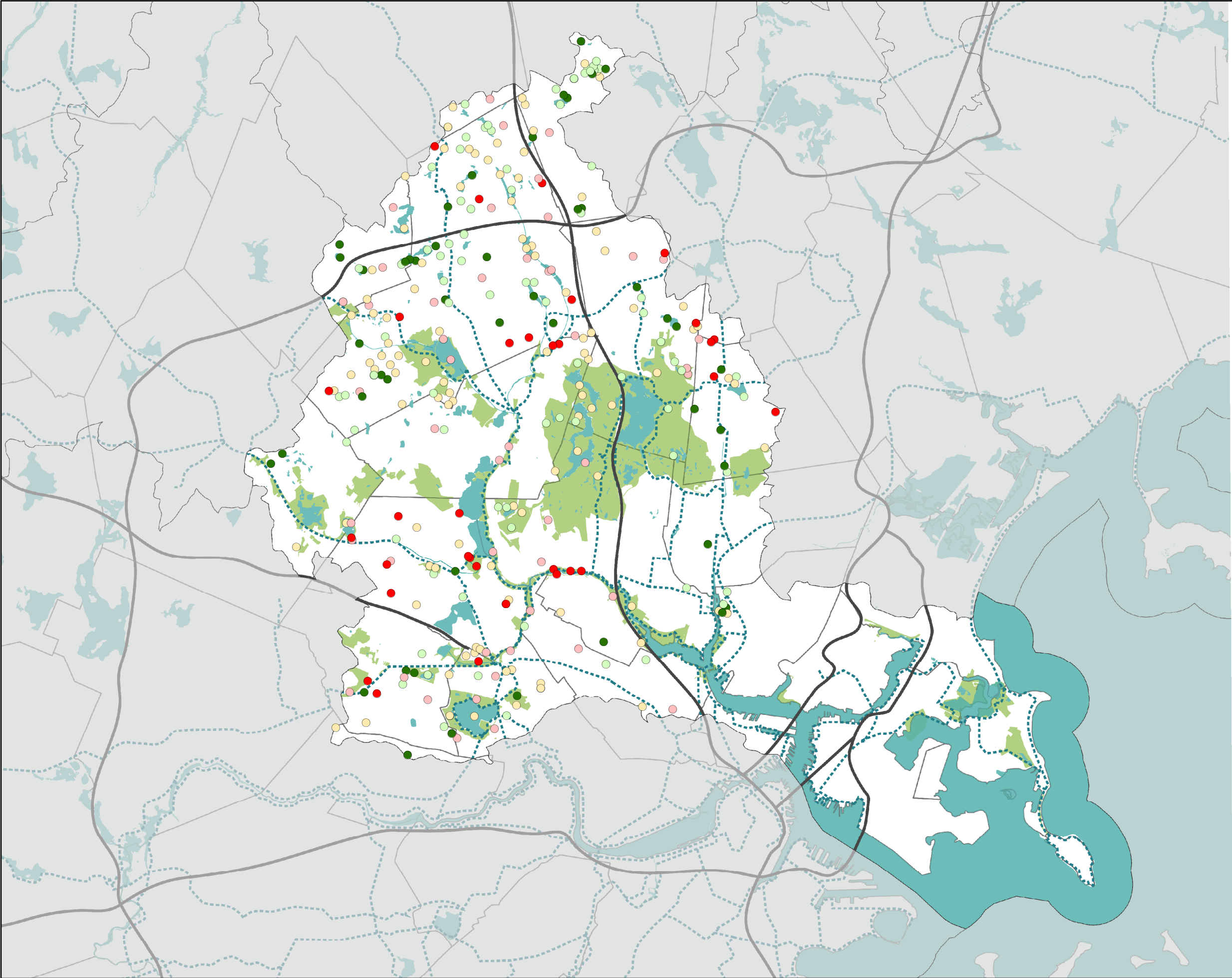
Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Opportunites
Per Municipality
, MA

FIGURE

of

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B) Watershed overview map of "suitable sites" for wetland GI



Legend

Weighted Composite Scoring Range

- Not Suitable
- Worst
- Poor
- Average
- Good
- Best

Background Graphic:
Mystic Greenways, provided by
MyRWA. Green spaces indicate
existing green space, solid lines
indicate existing connectivity, and
dashed lines indicate envisioned
connectivity via greenways.

MAP NOT TO SCALE

Appendix **G**

Full List of Suitable Opportunity Sites for Regional Wetland GI



Image credit: MyRWA

						Hydrology						Environmental Justice		Connectivity		Cost and Ease of Implementation										
KLF_ID	SITE_ADDR	Area_AC	CITY	LUCODEKLF	OWNER1	FEMA_imp	OvFZ10y2070	LowLy10y2070	OvFz100y2070	LowLy100y2070	Mys_Fl_imp	EJ_Impact	EJ_Demographic	wMysticR_Ch	wExistPark_t	HSG_Select	Bedrock_Select	Slope_Select	Article97_imp	Suitable	EQ rank (of 114 Suitable)	HYD rank (of 114 Suitable)	EJ rank (of 114 Suitable)	CONN rank (of 114 Suitable)	IMPL rank (of 114 Suitable)	
OS-004	Buzzell Field	3.87	ARLINGTON	Municipality-Owned	Town of Arlington	5	5	5	5	5	3	3	3	5	5	3	3	3	3	1	Suitable	58	32	17	34	90
AP-011	187 EVERETT ST	3.14	ARLINGTON	Municipality-Owned	TOWN OF ARLINGTON SCHOOL	5	5	1	5	1	3	3	1	1	5	3	3	3	5	Suitable	106	105	92	101	103	
AP-020	0 LOT UPPER & LOWER M	48.52	ARLINGTON	State of Federal Land	DEPT/CONSERVATION & RECREATION	1	1	1	1	1	5	1	3	5	5	3	3	1	1	Not Suitable	-	-	-	-	-	
OS-011	Menotomy Rocks Park	34.31	ARLINGTON	Municipality-Owned	Town of Arlington	5	5	5	5	5	3	1	3	5	5	3	1	1	1	Not Suitable	-	-	-	-	-	
AP-026	0 LOT MEDFORD ST	30.76	ARLINGTON	Vacant Use, Municipal or Conservation	TOWN OF ARLINGTON CEMETERY	1	1	5	1	1	5	1	1	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
OS-003	Mystic River Reservation	22.70	ARLINGTON	DCR	DCR - Division of State Parks and Recreation	1	1	5	1	5	5	3	5	5	5	5	3	5	1	Not Suitable	-	-	-	-	-	
OS-013	Turkey Hill	11.58	ARLINGTON	Municipality-Owned	Town of Arlington	5	5	1	5	1	3	1	3	1	5	3	1	1	1	Not Suitable	-	-	-	-	-	
OS-016	Robbins Farm Park	10.85	ARLINGTON	Municipality-Owned	Town of Arlington	5	5	1	5	1	3	1	3	1	5	3	3	1	1	Not Suitable	-	-	-	-	-	
OS-010	Arlington Reservoir	8.32	ARLINGTON	Municipality-Owned	Town of Arlington	1	1	5	1	1	3	1	3	5	5	3	3	3	3	1	Not Suitable	-	-	-	-	-
AP-009	855 MASS AVE	7.74	ARLINGTON	Municipality-Owned	TOWN OF ARLINGTON SCHOOL	3	5	5	5	5	3	3	3	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
OS-006	Spy Pond Field	7.59	ARLINGTON	Municipality-Owned	Town of Arlington	5	5	5	5	5	3	1	3	5	5	3	3	1	1	Not Suitable	-	-	-	-	-	
AP-023	0 LOT LOWELL ST	7.49	ARLINGTON	State of Federal Land	TOWN OF ARLINGTON PARK	1	1	5	1	1	3	1	3	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
OS-012	W A Peirce Fields	7.35	ARLINGTON	Municipality-Owned	Town of Arlington	1	1	5	1	5	5	3	3	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-012	63 ACTON ST	6.79	ARLINGTON	Municipality-Owned	TOWN OF ARLINGTON SCHOOL	5	5	1	5	1	5	1	3	1	5	3	3	1	5	Not Suitable	-	-	-	-	-	
OS-014	Thorndike Field	6.11	ARLINGTON	Municipality-Owned	Town of Arlington	1	5	5	1	1	3	1	3	5	5	5	3	3	1	Not Suitable	-	-	-	-	-	
AP-025	0 LOT CONCORD TPKE	6.03	ARLINGTON	Vacant Use, Private	ARLINGTON LAND REALTY LLC	1	5	5	1	1	3	1	3	5	5	5	3	3	5	Not Suitable	-	-	-	-	-	
AP-022	0 LOT SUMMER ST	5.71	ARLINGTON	State of Federal Land	TOWN OF ARLINGTON PARK	5	5	5	5	5	5	3	3	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
OS-009	Crusher Lot	5.67	ARLINGTON	Municipality-Owned	Town of Arlington	5	5	1	5	1	3	1	3	1	5	3	3	1	1	Not Suitable	-	-	-	-	-	
OS-005	Hurd Reservoir Fields	5.65	ARLINGTON	Municipality-Owned	Town of Arlington	1	1	5	1	5	5	1	3	5	5	3	3	5	1	Not Suitable	-	-	-	-	-	
AP-024	0 LOT CONCORD TPKE	4.80	ARLINGTON	Vacant Use, Private	ARLINGTON LAND REALTY LLC	1	5	5	1	1	3	1	3	5	5	5	5	3	3	5	Not Suitable	-	-	-	-	-
AP-019	0 LOT MYSTIC VALLEY PKWY	4.79	ARLINGTON	State of Federal Land	DEPT/CONSERVATION & RECREATION	1	1	1	1	5	5	5	1	5	5	5	3	5	1	Not Suitable	-	-	-	-	-	
AP-10092	48 NORTH UNION ST	4.67	ARLINGTON	Vacant Use, Municipal or Conservation	TOWN OF ARLINGTON-PARK	5	5	1	5	1	5	3	1	1	5	3	3	1	5	Not Suitable	-	-	-	-	-	
OS-008	North Union Park - Lussiano Field	4.67	ARLINGTON	Municipality-Owned	Town of Arlington	5	5	1	5	1	5	3	1	1	5	3	3	1	1	Not Suitable	-	-	-	-	-	
OS-007	Summer Street Field	4.66	ARLINGTON	Municipality-Owned	Town of Arlington	5	5	5	5	5	3	3	3	5	5	3	3	1	1	Not Suitable	-	-	-	-	-	
OS-001	Mystic Valley Parkway	4.46	ARLINGTON	DCR	DCR - Division of State Parks and Recreation	1	1	1	1	1	5	1	3	5	5	3	3	1	1	Not Suitable	-	-	-	-	-	
AP-021	424 SUMMER ST	4.29	ARLINGTON	State of Federal Land	DEPT/CONSERVATION & RECREATION	5	5	5	5	5	5	3	3	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-010	180 MOUNTAIN AVE	4.17	ARLINGTON	Municipality-Owned	TOWN OF ARLINGTON SCHOOL	5	5	1	5	1	3	1	3	1	5	5	3	1	5	Not Suitable	-	-	-	-	-	
AP-013	49 GROVE ST	4.14	ARLINGTON	Municipality-Owned	TOWN OF ARLINGTON TOWN YARD	1	5	1	5	1	5	3	3	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-027	0 LOT MYSTIC VALLEY PKWY	3.77	ARLINGTON	Vacant Use, Municipal or Conservation	TOWN OF ARLINGTON PARK	1	1	1	1	1	5	1	1	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
OS-015	Bishop School Playground and Field	3.59	ARLINGTON	Municipality-Owned	Town of Arlington	5	5	5	5	5	5	1	3	1	5	3	1	1	1	Not Suitable	-	-	-	-	-	
OS-002	Mystic Valley Parkway	3.05	ARLINGTON	DCR	DCR - Division of State Parks and Recreation	1	1	1	1	1	5	1	3	5	5	3	3	1	1	Not Suitable	-	-	-	-	-	
AP-12374	0 LOT BROADWAY	2.04	ARLINGTON	State of Federal Land	DEPT/CONSERVATION & RECREATION	1	1	1	1	5	5	5	1	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-039	291 CONCORD AVE	12.33	BELMONT	Municipality-Owned	BELMONT INHABITANTS OF	5	5	5	5	5	3	3	3	5	5	3	3	3	5	Suitable	15	14	10	13	27	
AP-036	37 C ST	6.56	BELMONT	Municipality-Owned	BELMONT INHABITANTS OF	5	5	5	5	5	3	3	3	1	5	3	3	5	5	Suitable	32	35	21	61	39	
AP-038	345 CONCORD AVE	5.39	BELMONT	Municipality-Owned	BELMONT INHABITANTS OF	5	5	5	5	5	3	1	3	5	5	3	3	3	5	Suitable	35	30	42	32	53	
AP-040	121 ORCHARD ST	4.34	BELMONT	Municipality-Owned	TOWN OF BELMONT	5	5	1	5	1	3	1	3	5	5	5	3	5	5	Suitable	69	76	47	39	21	
OS-020	Pequosette Playground	7.67	BELMONT	Municipality-Owned	Town of Belmont	5	5	5	5	5	3	1	1	1	5	3	3	3	1	Suitable	95	93	113	106	114	
AP-057	800 CONCORD AVE	97.72	BELMONT	Vacant Use, Municipal or Conservation	INHABITANTS OF THE TOWN OF BELMONT	5	5	1	5	1	3	1	1	5	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-034	221 CONCORD AVE	38.71	BELMONT	Municipality-Owned	BELMONT INHABITANTS OF	1	1	5	1	5	5	3	3	5	5	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-054	322B CONCORD TPK	32.67	BELMONT	State of Federal Land	COMMONWEALTH OF MASS LITTLE SPY POND	1	1	1	1	5	5	3	5	5	5	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-056	121 GROVE ST	12.66	BELMONT	Vacant Use, Municipal or Conservation	BELMONT INHABITANTS	5	5																			

							Hydrology						Environmental Justice		Connectivity		Cost and Ease of Implementation										
KLF_ID	SITE_ADDR	Area_AC	CITY	LUCodeKLF	OWNER1	FEMA_imp	OvFz10y2070	LowLy10y2070	OvFz100y2070	LowLy100y2070	Mys_Fl_imp		EJ_Impact	EJ_Demographic	wMysticR_Ch	wExistPark	HSG_Select	Bedrock_Select	Slope_Select	Article97_Imp	Suitable	EQ rank (of 114 Suitable)	HYD rank (of 114 Suitable)	EJ rank (of 114 Suitable)	CONN rank (of 114 Suitable)	IMPL rank (of 114 Suitable)	
AP-123	197 VASSAL LN	9.07	CAMBRIDGE	Municipality-Owned	CAMBRIDGE CITY OF	3	5	5	5	5	5		1	3	5	5	3	3	3	5	Suitable	27	26	40	30	51	
AP-120	691 HURON AVE	84.78	CAMBRIDGE	Municipality-Owned	CAMBRIDGE CITY OF	3	5	5	1	5	5		1	1	5	5	3	5	5	5	Suitable	42	60	76	44	24	
AP-142	250 FRESH POND PKWY	158.02	CAMBRIDGE	Vacant Use, Quasi-Public	CAMBRIDGE CITY OF	3	5	5	1	1	5		1	1	5	5	5	3	5	5	Suitable	77	87	89	54	33	
OS-027	Fresh Pond Golf Course	84.78	CAMBRIDGE	Municipality-Owned	City of Cambridge	3	5	5	1	5	5		1	1	5	5	5	3	5	1	Suitable	78	79	94	56	78	
AP-122	70 RINDGE AVE	3.59	CAMBRIDGE	Municipality-Owned	CAMBRIDGE CITY OF	5	5	1	5	1	3		1	3	1	5	3	3	5	5	Suitable	99	100	80	91	83	
OS-028	Neveille Manor	9.53	CAMBRIDGE	Municipality-Owned	City of Cambridge	3	5	5	1	1	3		1	1	5	5	3	3	3	3	Suitable	108	108	107	57	109	
AP-141	185 LARCH RD	4.08	CAMBRIDGE	Vacant Use, Private	BUCKINGHAM BROWNE AND NICHOLS SCHOOL	3	5	1	5	1	3		3	1	1	5	3	3	3	5	Suitable	111	110	95	103	107	
AP-124	223 GARDEN ST	57.72	CAMBRIDGE	Municipality-Owned	CAMBRIDGE CITY OF	3	5	5	5	5	5		3	3	5	5	5	3	1	5	Not Suitable	-	-	-	-	-	
AP-138	10R ACORN PARK DR	43.32	CAMBRIDGE	State of Federal Land	MASSACHUSETTS COMMONWEALTH OF	1	1	1	1	5	5		3	1	5	5	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-145	1R-3R ALEWIFE BROOK PKWY	18.83	CAMBRIDGE	Vacant Use, Private	GCP APPLIED TECHNOLOGIES INC	1	5	5	1	5	5		3	1	5	5	3	3	5	1	Not Suitable	-	-	-	-	-	
AP-147	78 CAMBRIDGEPARK DR	16.71	CAMBRIDGE	Vacant Use, Quasi-Public	MBTA	1	1	5	1	5	5		3	5	5	5	5	3	5	5	Not Suitable	-	-	-	-	-	
OS-026	Alewife Brook Reservation	12.52	CAMBRIDGE	DCR	DCR - Division of State Parks and Recreation	1	1	5	1	1	5		3	5	5	5	3	3	3	1	Not Suitable	-	-	-	-	-	
AP-140	243 CONCORD TPK	12.09	CAMBRIDGE	Vacant Use, Private	AP CAMBRIDGE PARTNERS, LLC. TR.	1	5	5	1	1	3		3	1	5	5	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-121	72-82 CLIFTON ST	10.76	CAMBRIDGE	Municipality-Owned	CAMBRIDGE CITY OF	1	5	5	1	5	5		3	1	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-136	72 ALEWIFE BROOK PKWY	8.45	CAMBRIDGE	State of Federal Land	MASSACHUSETTS COMMONWEALTH OF	1	1	5	1	5	5		3	3	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-135	MOONEY ST	6.93	CAMBRIDGE	State of Federal Land	MASSACHUSETTS COMMONWEALTH OF	1	1	5	1	5	5		3	1	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-137	KIMBALL ST	4.65	CAMBRIDGE	State of Federal Land	MASSACHUSETTS COMMONWEALTH OF	1	1	1	1	1	5		3	1	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-143	121 FAIRVIEW AVE	4.36	CAMBRIDGE	Vacant Use, Municipal or Conservation	CITY OF CAMBRIDGE	5	5	1	5	1	3		3	1	1	5	3	1	5	Not Suitable	-	-	-	-	-		
AP-139	26 ACORN PK DR	3.77	CAMBRIDGE	Vacant Use, Private	AP CAMBRIDGE PARTNERS LLC., TR. ACORN	1	1	1	1	1	5		3	1	5	5	3	3	5	5	Not Suitable	-	-	-	-	-	
AP-148	201.203 CONCORD TPKE	3.76	CAMBRIDGE	Vacant Use, Private	THE RESIDENCES AT ALEWIFE STATION, LLP	1	5	5	1	1	3		3	1	5	5	3	3	5	5	Not Suitable	-	-	-	-	-	
OS-029	Rindge Field	3.41	CAMBRIDGE	Municipality-Owned	City of Cambridge	5	5	5	5	5	3		1	3	1	5	3	3	1	3	Not Suitable	-	-	-	-	-	
AP-20651	114 PEMBERTON ST	3.41	CAMBRIDGE	Vacant Use, Municipal or Conservation	CITY OF CAMBRIDGE	5	5	5	5	5	3		1	3	1	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-134	ALEWIFE BROOK PKWY	3.39	CAMBRIDGE	State of Federal Land	DCR	1	1	5	1	1	5		3	1	5	5	3	3	5	5	Not Suitable	-	-	-	-	-	
AP-20436	247 GARDEN ST	3.36	CAMBRIDGE	Other	BRISTON ARMS PRESERVATION	3	5	5	5	5	5		3	3	1	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-146	30 CAMBRIDGEPARK DR	3.33	CAMBRIDGE	Vacant Use, Private	HART CAMBRIDGE LLC	1	5	5	1	5	5		3	1	1	5	3	3	5	5	Not Suitable	-	-	-	-	-	
AP-144	89 BLANCHARD RD	3.28	CAMBRIDGE	Vacant Use, Private	DI GIOVANNI, VINCENT A.	1	1	5	1	5	5		3	1	5	5	3	3	5	5	Not Suitable	-	-	-	-	-	
AP-165	0 TREMONT ST	4.84	EVERETT	Vacant Use, Private	68 TREMONT STREET LLC	5	5	5	5	5	5		3	1	5	5	3	3	5	5	Suitable	9	3	30	17	18	
AP-164	0 TREMONT ST	4.49	EVERETT	Vacant Use, Private	68 TREMONT STREET LLC	5	5	5	5	5	5		3	1	5	5	3	3	3	5	Suitable	36	31	43	33	54	
AP-159	105 WOODVILLE ST	5.11	EVERETT	Municipality-Owned	EVERETT CITY OF	5	5	1	5	5	3		3	1	1	5	3	3	5	5	Suitable	83	84	70	82	73	
AP-163	0 TREMONT ST	4.83	EVERETT	Vacant Use, Private	68 TREMONT STREET LLC	5	5	1	5	1	3		3	1	5	5	3	3	5	5	Suitable	84	85	54	48	44	
AP-167	0 TREMONT ST	11.46	EVERETT	Vacant Use, Private	68 TREMONT STREET LLC	1	1	5	1	5	5		3	1	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-166	0 TREMONT ST	3.59	EVERETT	Vacant Use, Private	68 TREMONT STREET LLC	5	1	5	1	5	5		3	1	1	5	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-198	WOBURN ST	3.30	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	5	5	5	5	5	3		3	3	5	5	5	3	5	5	Suitable	2	2	2	2	1	
AP-201	MAPLE ST	26.84	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	3	5	5	5	5	3		3	3	5	5	5	3	5	5	Suitable	3	4	3	3	2	
AP-211	SOLOMON PIERCE RD	18.40	LEXINGTON	Vacant Use, Private	THE A GEORGAKLIS LLC	3	5	5	5	5	3		3	3	5	5	5	3	5	5	Suitable	4	5	4	4	3	
AP-204	BUTTERFIELD RD	12.67	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON - CONSERVATION	3	5	5	5	5	3		3	3	5	5	5	3	5	5	Suitable	5	6	5	5	4	
AP-206	BUTTERFIELD RD	10.32	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON - CONSERVATION	3	5	5	5	5	3		3	3	5	5	5	3	5	5	Suitable	7	8	6	6	5	
AP-194	SANDERSON RD	3.46	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	3	5	5	5	5	3		3	3	5	5	5	3	5	5	Suitable	11	11	7	7	6	
AP-183	VILLAGE CIR	3.29	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	3	5	5	5	5	3		3	3	5	5	5	3	5	5	Suitable	12	12	8	8	7	
AP-208	328 LOWELL ST	11.67	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON HARRINGTON SCHOOL	5	5	5	5	5	3		3	3	5	5	3	3	3	5	Suitable	17	15	11	14	28	
AP-203	MAPLE ST	7.90	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON - CONSERVATI	5	5	5	5	5	3		3	3	5	5	3	3	3	5	Suitable	19	16	13	16	29	
AP-209	171 WOBURN ST	7.79	LEXINGTON	Vacant Use, Private	CUPP GERALD M	3	5	5	5	5	3		3	3	5	5	3	3	5	5	Suitable	20	18	9	9	17	
AP-205	BUTTERFIELD RD	6.95	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON - CONSERVATION	5	5	5	5	5	3		3	3	5	5	3	3	3	5	Suitable	30	27	14	21	35	
AP-207	HOWARD MUNROE PL	6.16	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON - CONSERVATION	3	5	5	5	5	3		3	3	5	5	3	3	3	5	Suitable	33	28	15	22	36	
AP-197	LOWELL ST	8.12	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	5	5	5	5	5	3		3	3	1	5	3	3	3	5	Suitable	46	46	25	64	71	
AP-200	MASSACHUSETTS AVE	7.03	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	5	5	5	5	5	3		1	1	5	5	3	3	3	5	Suitable	52	48	83	51	70	
AP-180	299 WOBURN ST	5.28	LEXINGTON	State of Federal Land	LEXINGTON HOUSING AUTHORITY	5	5	5	5	5	3		3	3	1	5	3	3	3	5	Suitable	55	49	27	65	72	
AP-196	LACONIA ST	12.98	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	5	5	1	5	1	3		1	3	1	5	5	3	3	5	Suitable	94	97	77	88	80	
AP-182	OFF MAPLE ST	174.53	LEXINGTON	State of Federal Land	TOWN OF ARLINGTON - PUBLIC WORKS	1	1	5	1	5	5		3	3	5	5	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-187	LOWELL ST	45.68	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	5	5	5	5	5	3		3	3	5	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-176	48 BARTLETT AVE	29.20	LEXINGTON	State of Federal Land	CHRISTIAN HIGH SCHOOL INC	1	5	5	5	5	3		3	3	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-210	MASSACHUSETTS AVE	28.00	LEXINGTON	Vacant Use, Private	INHABITANTS OF ARLINGTON - PUB	1	1	5	1	5	3		3	3	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-189	LOWELL ST	16.91	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	5	5	5	5	5	3		3	3	5	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-195	ROLFE RD	16.79	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	3	5	5	5	5	3		1	3	1	5	3	1	1	5	Not Suitable	-	-	-	-	-	
OS-030	Arlington Reservoir	13.93	LEXINGTON	Municipality-Owned	Town of Arlington	1	1	5	1	5	3		3	3	5	5	3	3	3	1	Not Suitable	-	-	-	-	-	
AP-186	LOWELL ST	13.22	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	5	5	5	5	5	3		3	3	5	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-190	MASSACHUSETTS AVE	12.14	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	5	5	5	5	5	3		1	1	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-199	LOWELL ST	10.74	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	5	5	1	5	1	3		3	3	1	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-184	PATRICIA TER	10.40	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	5	5	1	5	5	3		3	3	5	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-202	OAK ST	9.90	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON - CONSERVATI	5	5	5	5	5	3		1	3	1	5	5	3	1	5	Not Suitable	-	-	-	-	-	
AP-181	33 MARRETT RD	9.70	LEXINGTON	State of Federal Land	S R MUSEUM & LIBRARY	5	5	1	5	1	3		1	1	5	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-212	PLEASANT ST	8.87	LEXINGTON	Vacant Use, Private	WILSON FARM INC	5	5	5	5	5	3		1	3	1	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-188	SUMMER ST	7.96	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	5	5	1	5	1	3		3	3	1	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-192	MORELAND AVE	7.94	LEXINGTON	State of Federal Land	TOWN OF LEXINGTON	5	5	1	5	1	3		1	3	1	5	5	1	3	5	Not Suitable	-	-	-</			

							Hydrology					Environmental Justice		Connectivity		Cost and Ease of Implementation										
KLF_ID	SITE_ADDR	Area_AC	CITY	LUCodeKLF	OWNER1	FEMA_imp	OvFz10y2070	LowLy10y2070	OvFz100y2070	LowLy100y2070	Mys_FI_imp	EJ_Impact	EJ_Demographic	wMysticR_Ch	wExistPark_t	HSG_Select	Bedrock_Select	Slope_Select	Article97_Imp	Suitable	EQ rank (of 114 Suitable)	HYD rank (of 114 Suitable)	EJ rank (of 114 Suitable)	CONN rank (of 114 Suitable)	IMPL rank (of 114 Suitable)	
AP-240	32 PEARL ST	4.39	MALDEN	State of Federal Land	MALDEN CITY OF	5	5	5	5	5	5	5	5	1	1	5	3	3	5	5 Suitable	21	19	18	58	31	
AP-239	77 SALEM ST	6.61	MALDEN	State of Federal Land	MALDEN CITY OF	5	5	5	5	5	3	5	1	1	5	3	3	5	5 Suitable	31	34	20	60	38		
AP-29000	n/a	2.67	MALDEN	Other		5	5	5	5	5	3	5	1	1	5	3	3	5	5 Suitable	38	37	22	62	40		
AP-35504	100 PEARL ST	2.58	MALDEN	State of Federal Land	MALDEN CITY OF	5	5	5	5	5	3	5	1	1	5	3	3	5	5 Suitable	40	38	23	63	41		
AP-234	0 SALEM ST	4.41	MALDEN	State of Federal Land	MALDEN CITY OF	5	5	5	5	5	3	3	1	1	5	3	3	5	5 Suitable	57	56	62	71	63		
AP-242	0 GREEN ST	3.03	MALDEN	State of Federal Land	MALDEN CITY OF	5	5	1	5	1	3	3	1	5	5	3	3	3	5 Suitable	93	92	58	55	75		
AP-241	0 HIGHLAND AV	3.50	MALDEN	State of Federal Land	MALDEN CITY OF	5	5	1	5	1	5	1	3	1	5	3	3	3	5 Suitable	100	96	85	97	100		
AP-233	0 SUMMER STREET EX	56.64	MALDEN	State of Federal Land	COMM OF MASS	5	5	5	5	5	3	3	1	5	5	3	1	1	5 Not Suitable	-	-	-	-	-		
AP-236	152 FOREST ST	52.65	MALDEN	State of Federal Land	MALDEN CITY OF	1	5	5	5	5	3	5	1	5	5	3	1	1	5 Not Suitable	-	-	-	-	-		
AP-245	1087 MAIN ST	33.56	MALDEN	State of Federal Land	PINE BANKS PARK	1	5	5	5	5	3	5	1	5	5	5	1	5	5 Not Suitable	-	-	-	-	-		
AP-232	0 FELLSMERE RD	18.86	MALDEN	State of Federal Land	COMM OF MASS	1	5	5	5	5	5	5	1	5	5	3	1	1	5 Not Suitable	-	-	-	-	-		
AP-244	295 WASHINGTON ST	15.39	MALDEN	State of Federal Land	MBTA	1	5	5	5	5	3	3	1	5	5	3	3	5	1 Not Suitable	-	-	-	-	-		
AP-243	0 PARK ST	10.37	MALDEN	State of Federal Land	MALDEN CITY OF-WAITTS MOUNT	5	5	1	5	1	3	5	1	1	5	3	1	1	5 Not Suitable	-	-	-	-	-		
AP-238	0 FELLSWAY	7.82	MALDEN	State of Federal Land	MALDEN CITY OF	5	5	1	5	5	5	5	1	1	5	3	3	1	5 Not Suitable	-	-	-	-	-		
AP-237	150 CROSS ST	4.35	MALDEN	State of Federal Land	MALDEN CITY OF	5	5	5	5	5	3	3	1	1	5	3	3	1	5 Not Suitable	-	-	-	-	-		
AP-235	0 MAIN ST	3.40	MALDEN	State of Federal Land	MALDEN CITY OF	5	5	1	5	1	3	3	1	1	5	3	3	1	5 Not Suitable	-	-	-	-	-		
AP-276	00437 MAIN ST	10.73	MEDFORD	Municipality-Owned	MEDFORD CITY OF	5	5	5	5	5	5	3	5	5	5	3	3	3	5 Suitable	1	1	1	1	16		
AP-300	00049 REVERE BEACH PY	16.45	MEDFORD	State of Federal Land	MBTA	3	5	5	5	5	5	3	1	5	5	3	3	5	5 Suitable	14	17	34	23	22		
AP-303	00000 COLLEGE AV	3.20	MEDFORD	State of Federal Land	MBTA	5	5	5	5	5	5	1	5	1	5	3	3	5	5 Suitable	23	20	19	59	32		
AP-283	00100 RIVERS EDGE DR	4.01	MEDFORD	Other	JOHN HANCOCK LIFE INSURANCE CO	5	5	1	5	5	5	3	1	5	5	3	3	5	5 Suitable	37	36	37	27	25		
AP-309	00000 GROVE ST	28.53	MEDFORD	Vacant Use, Municipal or Conservation	MEDFORD CITY OF	5	5	5	5	5	5	1	1	1	5	3	3	3	5 Suitable	63	65	100	86	93		
OS-037	Mystic River Reservation	6.94	MEDFORD	DCR	DCR - Division of State Parks and Recreation	3	5	5	5	5	5	3	1	5	5	3	3	3	1 Suitable	66	51	56	53	98		
AP-308	00320 MIDDLESEX AV	4.18	MEDFORD	Vacant Use, Private	320-330 MIDDLESEX AVENUE LLC	5	5	5	5	5	5	3	1	1	1	3	3	5	5 Suitable	70	70	87	108	91		
AP-305	00449 SALEM ST	3.85	MEDFORD	State of Federal Land	MBTA	5	5	1	5	5	5	1	3	1	5	3	3	5	5 Suitable	71	71	65	74	68		
AP-292	00000 FELLSWAY	3.25	MEDFORD	State of Federal Land	M D C	5	5	5	5	5	3	1	1	1	1	3	3	5	5 Suitable	74	72	88	109	92		
AP-277	00025 AUBURN ST	3.17	MEDFORD	Municipality-Owned	MEDFORD CITY OF	5	5	1	5	1	5	3	1	1	1	3	3	3	5 Suitable	113	112	106	113	112		
OS-038	Middlesex Fells Reservation	802.92	MEDFORD	DCR	DCR - Division of State Parks and Recreation	1	5	5	5	5	1	3	5	5	5	5	1	1	1 Not Suitable	-	-	-	-	-		
AP-306	00000 SOUTH BORDER RD	278.57	MEDFORD	State of Federal Land	MDC	5	5	5	5	5	5	1	3	5	5	3	1	1	1 Not Suitable	-	-	-	-	-		
AP-294	00000 FELLSWAY	117.20	MEDFORD	State of Federal Land	M D C	1	5	5	5	5	5	1	3	5	5	3	1	1	5 Not Suitable	-	-	-	-	-		
OS-039	South Reservoir	108.90	MEDFORD	Municipality-Owned	Town of Winchester	1	5	5	5	5	3	1	3	5	5	3	1	1	3 Not Suitable	-	-	-	-	-		
AP-278	00000 WINTHROP ST	74.20	MEDFORD	Municipality-Owned	MEDFORD CITY OF	1	5	5	5	5	5	1	1	5	5	3	1	3	5 Not Suitable	-	-	-	-	-		
AP-295	00520 FELLSWAY	63.73	MEDFORD	State of Federal Land	M D C	1	1	5	1	5	5	3	1	5	5	3	3	3	5 Not Suitable	-	-	-	-	-		
OS-031	Mystic Lakes	56.77	MEDFORD	DCR	DCR - Division of State Parks and Recreation	1	1	5	1	5	5	3	3	5	5	3	3	3	1 Not Suitable	-	-	-	-	-		
AP-281	03002 MYSTIC VLLY PY	47.14	MEDFORD	Municipality-Owned	MEDFORD CITY OF	1	1	5	1	5	5	3	1	5	5	3	3	3	5 Not Suitable	-	-	-	-	-		
AP-296	00000 FELLSWAY	38.47	MEDFORD	State of Federal Land	M D C	1	5	5	5	5	5	1	3	5	5	3	1	1	5 Not Suitable	-	-	-	-	-		
OS-036	Mystic River Reservation	37.83	MEDFORD	DCR	DCR - Division of State Parks and Recreation	1	1	5	1	5	5	3	1	5	5	3	3	5	1 Not Suitable	-	-	-	-	-		
AP-280	00275 GROVE ST	29.88	MEDFORD	Municipality-Owned	MEDFORD CITY OF	1	5	5	5	5	3	1	1	5	5	3	1	3	5 Not Suitable	-	-	-	-	-		
AP-279	00483 WINTHROP ST	28.34	MEDFORD	Municipality-Owned	MEDFORD CITY OF	5	5	1	5	1	5	1	3	5	5	3	1	1	1 Not Suitable	-	-	-	-	-		
AP-307	00000 SOUTH BORDER RD	18.24	MEDFORD	State of Federal Land	MDC	5	5	5	5	5	5	1	3	5	5	5	1	5	1 Not Suitable	-	-	-	-	-		
AP-299	00000 REVERE BEACH PY	16.52	MEDFORD	State of Federal Land	MBTA	1	1	5	1	5	5	3	1	5	5	3	3	5	5 Not Suitable	-	-	-	-	-		
OS-035	Mystic River Reservation	13.96	MEDFORD	DCR	DCR - Division of State Parks and Recreation	1	1	1	1	1	5	3	1	5	5	3	3	3	1 Not Suitable	-	-	-	-	-		
AP-302	00000 REVERE BEACH PY	9.21	MEDFORD	State of Federal Land	MBTA	1	1	5	1	5	5	3	1	5	5	3	3	5	5 Not Suitable	-	-	-	-	-		
AP-298	00300 ELM ST	9.20	MEDFORD	State of Federal Land	M D C	1	5	5	5	5	5	1	3	5	5	5	1	5	5 Not Suitable	-	-	-	-	-		
AP-310	00000 GROVE ST	8.06	MEDFORD	Vacant Use, Municipal or Conservation	MEDFORD CITY OF	5	5	5	5	5	3	1	1	5	5	3	1	1	5 Not Suitable	-	-	-	-	-		
OS-032	Mystic River Reservation	7.58	MEDFORD	DCR	DCR - Division of State Parks and Recreation	1	1	1	1	1	5	1	1	5	5	3	3	3	1 Not Suitable	-	-	-	-	-		
AP-301	00000 CRADDOCK AV	7.55	MEDFORD	State of Federal Land	MBTA	5	1	5	1	5	5	3	1	5	1	3	3	5	5 Not Suitable	-	-	-	-	-		
AP-304	00000 PLAYSTEAD RD	6.72	MEDFORD	State of Federal Land	MBTA	5	5	5	5	5	5	1	3	1	5	3	3	1	5 Not Suitable	-	-	-	-	-		
AP-297	00000 FELLSWAY	6.39	MEDFORD	State of Federal Land	M D C	1	1	1	1	1	5	5	3	1	5	5	3	3	5 Not Suitable	-	-	-	-	-		
OS-040	South Reservoir	5.19	MEDFORD	Municipality-Owned	Town of Winchester	1	5	1	5	5	3	1	3	5	5	3	1	1	3 Not Suitable	-	-	-	-	-		
OS-033	Mystic River Reservation	4.92	MEDFORD	DCR	DCR - Division of State Parks and Recreation	1	1	1	1	1	5	3	1	5	5	3	3	3	1 Not Suitable	-	-	-	-	-		
AP-293	00000 MYSTIC RIVER RD	3.68	MEDFORD	State of Federal Land	M D C	1	1	1	1	1	5	3	3	5	5	3	3	3	1 Not Suitable	-	-	-	-	-		
OS-034	Veterans Memorial Park	3.44	MEDFORD	DCR	DCR - Division of State Parks and Recreation	1	1	1	1	1	5	3	1	5	5	3	3	3	1 Not Suitable	-	-	-	-	-		
AP-311	00000 WINTHROP ST	3.43	MEDFORD	Vacant Use, Private	TUFTS COLLEGE TRUSTEES OF	5	5	1	5	1	3	1	5	1	5	5	3	1	5 Not Suitable	-	-	-	-	-		
AP-282	00236 PLAYSTEAD RD	3.34	MEDFORD	Municipality-Owned	MEDFORD CITY OF	5	5	5	5	5	3	1	1	1	5	5	3	1	5 Not Suitable	-	-	-	-	-		
OS-049	Conant Playground	5.35	MELROSE	Municipality-Owned	City of Melrose	5	5	5	5	5	3	3	1	5	5	3	3	3	3 Suitable	54	40	50	43	77		
AP-318	253 VINTON ST	4.80	MELROSE	Municipality-Owned	ROOSEVELT SCHOOL	5	5	5	5	5	3	1	3	1	1	5	3	5	5 Suitable	56	55	61	70	62		
AP-316	80 WYOMING WEST AV	3.53	MELROSE	Municipality-Owned	LINCOLN SCHOOL	5	5	5	5	5	3	1	3	1	5	3	3	5	5 Suitable	62	58	64	73	65		
AP-322	0 AARON ST	175.65	MELROSE	State of Federal Land	METROPOLITAN,DISTRICT	5	5	5	5	5	3	3	1	5	5	5	1	1	1 Not Suitable	-	-	-	-	-		
OS-044	Eli Pond Park	16.28	MELROSE	Municipality-Owned	City of Melrose	1	5	5	5	5	3	1	1	5	5	5	1	3	1 Not Suitable	-	-	-	-	-		
AP-317	350 LYNN FELLs PW	12.82	MELROSE	Municipality-Owned	MELROSE HIGH,SCHOOL	1	5	5	5	5	3	1	1	5	5	3	3	5	5 Not Suitable	-	-	-	-	-		
AP-324	1 OAK GROVE AV	11.50	MELROSE	Vacant Use, Private	W/M OAK GROVE VILLAGE LLC	1	5	5	5	5	3	1	3	5	5	3	3	5	1 Not Suitable	-	-	-	-	-		
OS-047	Sewall Woods Park	8.76	MELROSE	Municipality-Owned	City of Melrose	5	5	1	5	1	3	1	3	1	5	3	1	1	1 Not Suitable	-	-	-	-	-		
OS-043	Athletic Field - Morelli	7.77	MELROSE	Municipality-Owned	City of Melrose	1	5	5	5	5	3	1	1	5	5	3	3	3	1 Not Suitable	-	-	-	-	-		
AP-323	0 BRAZIL ST	6.47	MELROSE	State of Federal Land	METROPOLITAN,DISTRICT COMM	5	5	1	5	1	3	1	1	1	5	3	1	1	5 Not Suitable	-	-	-	-	-		
OS-048	High Rock Trail	6.31	MELROSE	Municipality-Owned	City of Melrose	5	5	1	5	1	3	3	1	1	1	5	3	1	1 Not Suitable	-	-	-	-	-		
OS-042	Ferdinand Woods	5.27	MELROSE	Municipality-Owned	City of Melrose	5	5	1	5	1	3	3	1	5	5	3	1	1	1 Not Suitable	-	-	-	-	-		
OS-045	The Common	4.19	MELROSE	Municipality-Owned	City of Melrose	5	5	1	5	1	3	1	3	1	5	3	3	1	1 Not Suitable	-	-	-	-	-		
AP-321	0 WASHINGTON ST	4.12	MELROSE	State of Federal Land	METROPOLITAN, DISTRICT	5	5	1	5	1	3	1	1	5	5	3	1	1	5 Not Suitable	-	-	-	-			

								Hydrology				Environmental Justice		Connectivity		Cost and Ease of Implementation									
KLF_ID	SITE_ADDR	Area_AC	CITY	LUCODEKLF	OWNER1	FEMA_imp	OvFZ10y2070	LowLy10y2070	OvFz100y2070	LowLy100y2070	Mys_FI_imp	EJ_Impact	EJ_Demographic	wMysticR_Ch	wExistPark	HSG_Select	Bedrock_Select	Slope_Select	Article97_imp	Suitable	EQ rank (of 114 Suitable)	HYD rank (of 114 Suitable)	EJ rank (of 114 Suitable)	CONN rank (of 114 Suitable)	IMPL rank (of 114 Suitable)
AP-341	OFF GROVE ST	9.07	READING	Vacant Use, Municipal or Conservation	TOWN OF READING	3	5	5	5	5	3	1	3	5	5	5	3	5	5	Suitable	18	22	32	19	13
OS-056	Maillet Sommes And Morgan Land	11.09	READING	Municipality-Owned	Town of Reading	5	5	5	5	5	3	1	3	5	5	5	3	5	1	Suitable	25	25	39	29	50
OS-051	Maillet Sommes And Morgan Land	5.53	READING	Municipality-Owned	Town of Reading	5	5	5	5	5	3	1	3	5	5	5	3	5	1	Suitable	34	29	41	31	52
OS-053	Higgins Property	9.07	READING	Municipality-Owned	Town of Reading	3	5	5	5	5	3	1	3	5	5	5	3	5	1	Suitable	44	44	44	36	57
AP-58135	0 BIRCH MEADOW	8.94	READING	Vacant Use, Municipal or Conservation	TOWN OF READING	3	5	5	5	5	3	1	3	5	5	3	3	3	5	Suitable	45	45	45	37	58
AP-58140	0 BIRCH MEADOW	7.39	READING	Vacant Use, Municipal or Conservation	TOWN OF READING	5	5	5	5	5	3	1	3	5	5	3	3	3	3	Suitable	50	39	49	42	76
AP-58161	0 BIRCH MEADOW	3.67	READING	Vacant Use, Municipal or Conservation	TOWN OF READING	3	5	5	5	5	3	1	3	5	5	3	3	3	5	Suitable	59	50	48	40	59
OS-058	Birch Meadow Playing Fields	28.39	READING	Municipality-Owned	Town of Reading	3	5	5	5	5	3	1	3	5	5	3	3	3	3	Suitable	64	59	52	46	79
OS-052	Dicenzo	6.59	READING	Municipality-Owned	Town of Reading	5	5	5	5	5	3	1	3	1	5	5	3	5	1	Suitable	67	67	66	78	87
AP-58165	0 BIRCH MEADOW DR	2.48	READING	Vacant Use, Municipal or Conservation	TOWN OF READING	5	5	5	5	5	3	1	3	1	5	3	3	3	5	Suitable	76	69	69	81	89
AP-58133	0 BIRCH MEADOW	3.30	READING	Vacant Use, Municipal or Conservation	TOWN OF READING	5	5	5	5	5	3	1	3	1	5	3	3	3	3	Suitable	87	73	74	84	105
AP-58195	0 BIRCH MEADOW	2.97	READING	Vacant Use, Municipal or Conservation	TOWN OF READING	5	5	5	5	5	3	1	3	1	5	3	3	3	3	Suitable	90	74	75	85	106
AP-343	OFF OAKLAND RD	3.61	READING	Vacant Use, Municipal or Conservation	TOWN OF READING	5	5	1	5	1	3	1	3	1	5	3	3	5	5	Suitable	98	99	79	90	82
AP-58134	0 BIRCH MEADOW	2.54	READING	Vacant Use, Municipal or Conservation	TOWN OF READING	5	5	1	5	1	3	1	3	1	5	3	3	5	3	Suitable	107	106	93	102	104
AP-339	0 WEST ST	17.61	READING	Vacant Use, Municipal or Conservation	READING OPEN LAND TRUST	1	5	5	5	5	3	1	3	1	5	5	1	5	1	Not Suitable	-	-	-	-	-
OS-050	Linnaca Thelin Bird Sanctuary	11.84	READING	Municipality-Owned	Town of Reading	1	5	5	5	5	3	1	3	5	5	5	3	5	1	Not Suitable	-	-	-	-	-
AP-329	89 BIRCH MEADOW DR	10.89	READING	Municipality-Owned	TOWN OF READING	5	5	5	5	5	3	1	3	1	5	5	1	3	3	Not Suitable	-	-	-	-	-
AP-327	16 EDMONT AV	7.66	READING	Municipality-Owned	TOWN OF READING	5	5	1	5	1	3	1	3	1	5	3	3	1	5	Not Suitable	-	-	-	-	-
AP-330	365 SUMMER AVE	7.60	READING	Municipality-Owned	TOWN OF READING	5	5	5	5	5	3	1	3	1	5	3	3	1	5	Not Suitable	-	-	-	-	-
OS-055	Sturges Park	7.18	READING	Municipality-Owned	Town of Reading	3	5	5	5	5	3	1	3	5	5	3	1	3	3	Not Suitable	-	-	-	-	-
AP-328	27 ARTHUR B LORD DR	7.05	READING	Municipality-Owned	TOWN OF READING	5	5	1	5	5	3	1	3	5	5	3	1	1	5	Not Suitable	-	-	-	-	-
AP-342	0 OAKLAND RD	5.77	READING	Vacant Use, Municipal or Conservation	TOWN OF READING	5	5	5	5	5	3	1	3	1	5	5	1	5	5	Not Suitable	-	-	-	-	-
OS-054	Xavier	5.77	READING	Municipality-Owned	Town of Reading	1	5	5	5	5	3	1	3	1	5	5	1	5	1	Not Suitable	-	-	-	-	-
AP-338	0 VAN NORDEN RD	5.22	READING	Vacant Use, Private	DONALD F JOHNSTON AND CO INC	3	5	5	5	5	3	1	3	5	5	5	1	5	5	Not Suitable	-	-	-	-	-
OS-057		5.13	READING	Municipality-Owned	Town of Reading	1	5	5	5	5	3	1	3	5	5	3	1	3	1	Not Suitable	-	-	-	-	-
AP-336	OFF MAIN ST	4.73	READING	State of Federal Land	COMMONWEALTH OF MASS	5	5	1	5	1	3	1	3	5	1	3	3	1	5	Not Suitable	-	-	-	-	-
AP-340	113 ARCADIA AVE	4.11	READING	Vacant Use, Private	RILEY KEVIN	1	5	5	5	5	3	1	3	5	5	5	1	5	5	Not Suitable	-	-	-	-	-
AP-337	OFF SOUTH ST	3.22	READING	Vacant Use, Private	DOLBEN ANDREW K	5	5	5	5	5	3	1	3	5	1	3	3	1	5	Not Suitable	-	-	-	-	-
AP-56367	0 WALNUT ST	2.62	READING	Vacant Use, Private	DOLBEN ANDREW K	5	5	5	5	5	3	1	3	5	5	3	3	1	5	Not Suitable	-	-	-	-	-
AP-55738	246 WALNUT ST	2.13	READING	Other	AIRHART RAYMOND V	5	5	5	5	5	3	1	3	5	5	5	1	5	5	Not Suitable	-	-	-	-	-
AP-366	BROADWAY	14.44	SOMERVILLE	State of Federal Land	COMM OF MASS	3	5	5	5	5	5	3	1	5	5	3	3	3	5	Suitable	24	24	38	28	49
AP-59951	1374 BROADWAY	5.53	SOMERVILLE		CLARENDON HILL SOMERVILLE LP	5	5	1	5	1	5	5	1	5	5	3	3	5	5	Suitable	53	54	16	24	23
AP-349	5 MEACHAM ST	3.28	SOMERVILLE	Municipality-Owned	CITY OF SOMERVILLE	5	5	1	5	1	5	5	1	1	5	5	3	5	5	Suitable	73	77	29	66	30
AP-350	93 HIGHLAND AVE	13.16	SOMERVILLE	Municipality-Owned	CITY OF SOMERVILLE	5	5	1	5	1	3	3	5	1	5	5	3	1	5	Not Suitable	-	-	-	-	-
AP-365	0 BOSTON AVE	10.17	SOMERVILLE	State of Federal Land	COMM OF MASS	1	1	1	1	5	5	3	1	5	5	5	3	5	5	Not Suitable	-	-	-	-	-
AP-367	ALEWIFE BROOK PKWY	9.55	SOMERVILLE	State of Federal Land	COMM OF MASS	1	1	1	1	5	5	5	1	5	5	5	3	1	5	Not Suitable	-	-	-	-	-
AP-353	ALEWIFE BROOK PKWY	6.71	SOMERVILLE	Municipality-Owned	CITY OF SOMERVILLE	1	1	1	1	5	5	5	1	5	5	3	3	1	5	Not Suitable	-	-	-	-	-
AP-364	0 FOLEY ST	5.05	SOMERVILLE	State of Federal Land	COMM OF MASS	1	1	5	1	5	5	1	5	5	5	3	3	3	5	Not Suitable	-	-	-	-	-
AP-354	115 PEARL ST	4.70	SOMERVILLE	Municipality-Owned	CITY OF SOMERVILLE	5	5	1	5	1	3	5	1	1	1	3	3	1	5	Not Suitable	-	-	-	-	-
AP-352	838 BROADWAY	4.53	SOMERVILLE	Municipality-Owned	CITY OF SOMERVILLE	5	5	1	5	1	3	1	3	1	5	3	1	1	5	Not Suitable	-	-	-	-	-
AP-351	1 FRANEY RD	4.33	SOMERVILLE	Municipality-Owned	CITY OF SOMERVILLE	5	5	5	5	5	5	3	1	1	5	5	3	1	5	Not Suitable	-	-	-	-	-
AP-363	SHORE DR	4.25	SOMERVILLE	State of Federal Land	COMM OF MASS	1	1	5	1	5	5	3	1	5	5	5	3	3	5	Not Suitable	-	-	-	-	-

								Hydrology					Environmental Justice		Connectivity		Cost and Ease of Implementation									
KLF_ID	SITE_ADDR	Area_AC	CITY	LUCODEKLF	OWNER1	FEMA_Imp	OvFZ10y2070	LowLy10y2070	OvFz100y2070	LowLy100y2070	Mys_FI_Imp	EJ_Impact	EJ_Demographic	wMysticR_Ch	wExistPark_t	HSG_Select	Bedrock_Select	Slope_Select	Article97_Imp	Suitable	EQ rank (of 114 Suitable)	HYD rank (of 114 Suitable)	EJ rank (of 114 Suitable)	CONN rank (of 114 Suitable)	IMPL rank (of 114 Suitable)	
AP-411	0 GOULD ST	8.73	STONEHAM	State of Federal Land	TOWN OF STONEHAM	3	5	5	1	5	3	1	5	5	5	5	3	5	5	Suitable	29	42	12	15	11	
AP-414	OFF SPRING LN	7.97	STONEHAM	Vacant Use, Private	MUSTONE ANTHONY J	5	5	5	5	5	3	1	1	5	1	5	3	5	5	Suitable	47	61	97	75	46	
AP-392	101 CENTRAL ST	7.93	STONEHAM	Municipality-Owned	TOWN OF STONEHAM	5	5	5	5	5	3	1	1	1	5	5	3	5	5	Suitable	48	62	98	76	47	
AP-391	0 GERRY CT	7.62	STONEHAM	Municipality-Owned	TOWN OF STONEHAM	5	5	5	5	5	3	1	1	1	5	3	3	3	5	Suitable	81	82	105	95	97	
AP-407	71 CENTRAL ST	3.00	STONEHAM	State of Federal Land	ROMAN CATHOLIC ARCHBISHOP	5	5	1	5	1	3	1	1	1	5	5	3	5	5	Suitable	101	102	109	98	74	
AP-396	35 CENTRAL ST	3.52	STONEHAM	Municipality-Owned	TOWN OF STONEHAM	5	5	1	5	1	3	1	1	1	5	3	3	5	5	Suitable	105	107	110	104	94	
OS-071	Cerrone Memorial Playground	3.45	STONEHAM	Municipality-Owned	Town of Stoneham	5	5	1	5	1	3	1	1	1	5	5	3	5	1	Suitable	112	111	114	107	110	
OS-062	Middlesex Fells Reservation	437.97	STONEHAM	DCR	DCR - Division of State Parks and Recreation	5	5	5	5	5	3	3	5	5	5	3	1	1	1	Not Suitable	-	-	-	-	-	
OS-064	Middlesex Fells Reservation	289.92	STONEHAM	DCR	DCR - Division of State Parks and Recreation	1	5	5	5	5	3	1	3	5	5	5	1	1	1	Not Suitable	-	-	-	-	-	
AP-412	460 WILLIAM ST	75.80	STONEHAM	State of Federal Land	TOWN OF STONEHAM	5	5	5	5	5	3	3	1	5	5	3	1	3	5	Not Suitable	-	-	-	-	-	
OS-075	Winchester Water Supply Land	55.34	STONEHAM	Municipality-Owned	Town of Winchester	1	5	5	5	5	3	1	3	5	5	5	1	1	1	Not Suitable	-	-	-	-	-	
AP-393	149 FRANKLIN ST	49.46	STONEHAM	Municipality-Owned	TOWN OF STONEHAM	5	5	5	5	5	3	1	3	5	5	3	1	3	1	Not Suitable	-	-	-	-	-	
OS-060	Middlesex Fells Reservation	35.27	STONEHAM	DCR	DCR - Division of State Parks and Recreation	5	5	5	5	5	3	3	3	5	5	5	1	1	1	Not Suitable	-	-	-	-	-	
AP-416	170 FRANKLIN ST	27.09	STONEHAM	Vacant Use, Private	WEISS FARMS INC	5	5	5	5	5	3	1	1	5	5	5	1	5	5	Not Suitable	-	-	-	-	-	
OS-065	Middlesex Fells Reservation	21.56	STONEHAM	DCR	DCR - Division of Water Supply Protection	5	5	5	5	5	3	3	5	5	5	3	1	1	1	Not Suitable	-	-	-	-	-	
OS-059	Middlesex Fells Reservation	20.09	STONEHAM	DCR	DCR - Division of State Parks and Recreation	5	5	5	5	5	3	1	3	5	5	5	1	1	1	Not Suitable	-	-	-	-	-	
OS-061	Middlesex Fells Reservation	19.03	STONEHAM	DCR	DCR - Division of State Parks and Recreation	1	5	5	5	5	3	1	3	5	5	5	1	1	1	Not Suitable	-	-	-	-	-	
OS-076	Winchester Water Supply Land	18.73	STONEHAM	Municipality-Owned	Town of Winchester	1	5	5	5	5	3	1	3	5	5	5	1	1	1	Not Suitable	-	-	-	-	-	
AP-397	30 AVALON RD	17.70	STONEHAM	Municipality-Owned	TOWN OF STONEHAM	5	5	5	5	5	3	1	3	5	5	3	1	3	1	Not Suitable	-	-	-	-	-	
AP-406	0 WOODLAND RD	12.63	STONEHAM	State of Federal Land	COMMONWEALTH OF MASS	5	5	1	5	5	3	3	1	5	5	3	1	1	1	Not Suitable	-	-	-	-	-	
AP-395	0 PERKINS ST	12.05	STONEHAM	Municipality-Owned	TOWN OF STONEHAM	5	5	1	5	1	3	1	3	5	5	5	1	1	1	Not Suitable	-	-	-	-	-	
OS-063	Middlesex Fells Reservation	10.20	STONEHAM	DCR	DCR - Division of State Parks and Recreation	5	5	1	5	1	3	3	3	5	5	5	1	5	1	Not Suitable	-	-	-	-	-	
OS-070	Whip Hill Conservation Area	9.67	STONEHAM	Municipality-Owned	Town of Stoneham	5	5	5	5	5	3	1	3	5	5	5	1	1	1	Not Suitable	-	-	-	-	-	
AP-410	0 CALTHEA ST	8.23	STONEHAM	State of Federal Land	TOWN OF STONEHAM	5	5	1	5	1	3	1	1	1	5	5	3	1	5	Not Suitable	-	-	-	-	-	
AP-390	70 OAK ST	7.83	STONEHAM	Municipality-Owned	TOWN OF STONEHAM	5	5	5	5	5	3	1	1	1	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-415	0 COREY AV	7.44	STONEHAM	Vacant Use, Municipal or Conservation	TOWN OF STONEHAM	5	5	5	5	5	3	1	1	5	5	3	1	1	1	Not Suitable	-	-	-	-	-	
OS-067	North Street Conservation Area	5.25	STONEHAM	Municipality-Owned	Town of Stoneham	5	5	5	5	5	3	1	3	1	5	3	1	3	1	Not Suitable	-	-	-	-	-	
OS-066	Lake Avenue Conservation Area	4.95	STONEHAM	Municipality-Owned	Town of Stoneham	5	5	1	5	1	3	1	1	5	5	5	1	5	1	Not Suitable	-	-	-	-	-	
OS-072	Cerrone Memorial Playground	4.43	STONEHAM	Municipality-Owned	Town of Stoneham	5	5	1	5	1	3	1	1	1	5	5	1	1	1	Not Suitable	-	-	-	-	-	
OS-069	Spring Street Conservation Area	4.12	STONEHAM	Municipality-Owned	Town of Stoneham	5	5	1	5	1	3	1	1	5	5	3	1	1	1	Not Suitable	-	-	-	-	-	
AP-409	0 NORTH BORDER RD	3.97	STONEHAM	State of Federal Land	THE BUILDING ASSOCIATION INC	5	5	5	5	5	3	1	3	5	5	5	1	5	5	Not Suitable	-	-	-	-	-	
AP-398	12 BEACON ST	3.74	STONEHAM	Municipality-Owned	TOWN OF STONEHAM	5	5	5	5	5	3	1	1	1	5	3	3	3	1	5	Not Suitable	-	-	-	-	-
AP-405	OFF DRUMMOND RD	3.67	STONEHAM	State of Federal Land	COMMONWEALTH OF MASS	5	5	1	5	1	3	1	3	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-408	44 50 WASHINGTON ST	3.67	STONEHAM	State of Federal Land	STONEHAM HOUSING AUTHORITY	5	5	1	5	1	3	1	1	1	5	5	3	1	5	Not Suitable	-	-	-	-	-	
AP-394	25 WILLIAM ST	3.59	STONEHAM	Municipality-Owned	TOWN OF STONEHAM	5	5	5	5	5	3	1	1	1	5	5	3	1	5	Not Suitable	-	-	-	-	-	
OS-074	North School	3.53	STONEHAM	Municipality-Owned	Town of Stoneham	5	5	1	5	1	3	1	1	1	5	5	3	1	3	Not Suitable	-	-	-	-	-	
OS-068	Whip Hill Conservation Area	3.47	STONEHAM	Municipality-Owned	Town of Stoneham	5	5	1	5	1	3	1	3	5	5	3	1	1	1	Not Suitable	-	-	-	-	-	
OS-073	Spring Street Conservation Area	3.32	STONEHAM	Municipality-Owned	Town of Stoneham	5	5	5	5	5	3	1	1	5	5	5	1	1	1	Not Suitable	-	-	-	-	-	
AP-413	0 HILL ST	3.02	STONEHAM	Vacant Use, Private	MONTVALE LAND LLC	5	5	5	5	5	3	3	3	1	1	3	1	1	5	Not Suitable	-	-	-	-	-	
OS-077	Oakley Country Club	89.76	WATERTOWN	Other	OAKLEY COUNTRY CLUB	5	5	5	5	5	3	1	3	1	5	5	3	3	5	Suitable	41	52	59	68	60	
OS-078	St Patricks Cemetery	14.46	WATERTOWN	Other	Roman Catholic Archdiocese of Boston	5	5	1	5	1	3	1	3	1	5	5	3	5	5	Suitable	92	94	71	83	56	
AP-446	1 ANALOG WAY	12.67	WILMINGTON	Vacant Use, Private	ANALOG DEVICES INC	5	5	1	5	1	3	1	1	1	1	5	1	5	5	Not Suitable	-	-	-	-	-	
OS-079	Jewel Acres	8.07	WILMINGTON	Municipality-Owned	Town of Wilmington	5	5	5	5	5	3	1	1	5	5	5	1	1	1	Not Suitable	-	-	-	-	-	
AP-448	15 JEWEL DR	8.07	WILMINGTON	Vacant Use, Municipal or Conservation	TOWN OF WILMINGTON	5	5	5	5	5	3	1	1	5	5	5	1	1	5	Not Suitable	-	-	-	-	-	
AP-447	2400 R W WOBURN LOO	6.09	WILMINGTON	Vacant Use, Quasi-Public	BOSTON & MAINE RR	3	5	5	5	5	3	1	1	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-445	843 WOBURN ST	4.72	WILMINGTON	Vacant Use, Private	ANALOG DEVICES	5	5	5	5	5	3	1	1	5	1	5	3	1	5	Not Suitable	-	-	-	-	-	

								Hydrology					Environmental Justice		Connectivity		Cost and Ease of Implementation									
KLF_ID	SITE_ADDR	Area_AC	CITY	LUCODEKLF	OWNER1	FEMA_Imp	OvFZ10y2070	LowLy10y2070	OvFz100y2070	LowLy100y2070	Mys_Fl_Imp	EJ_Impact	EJ_Demographic	wMysticR_Ch	wExistPark_t	HSG_Select	Bedrock_Select	Slope_Select	Article97_Imp	Suitable	EQ rank (of 114 Suitable)	HYD rank (of 114 Suitable)	EJ rank (of 114 Suitable)	CONN rank (of 114 Suitable)	IMPL rank (of 114 Suitable)	
AP-496	0 JOHNSON RD	5.35	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	5	5	5	5	5	3	1	3	5	5	5	3	5	5	5 Suitable	8	9	26	11	9	
AP-498	0 RIDGE ST	4.72	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	5	5	5	5	5	3	1	3	5	5	5	3	5	5	5 Suitable	10	10	28	12	10	
AP-505	0 WOODSIDE RD	17.64	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF WINTER POND	5	5	5	5	5	5	1	3	5	5	3	3	3	5	5 Suitable	13	13	35	25	42	
AP-477	1 31 WESTLEY ST	3.38	WINCHESTER	State of Federal Land	WINCHESTER HOUSING AUTHORITY	5	5	5	5	5	3	1	3	1	5	3	3	3	5	5 Suitable	72	68	68	80	88	
AP-82030	161 MYSTIC VALLEY PW	2.66	WINCHESTER	State of Federal Land	LINCOLN SCHOOL	5	5	1	5	1	3	1	3	5	5	3	3	5	5	5 Suitable	91	86	55	49	45	
AP-471	38 50 RIDGE ST	11.01	WINCHESTER	State of Federal Land	ROMAN CATHOLIC ARCHBISHOP OF	5	5	1	5	1	3	1	3	1	5	3	3	3	5	5 Suitable	103	103	90	99	101	
OS-083	Middlesex Fells Reservation	215.97	WINCHESTER	DCR	DCR - Division of State Parks and Recreation	5	5	5	5	5	3	1	3	5	5	5	1	1	1	Not Suitable	-	-	-	-	-	
AP-474	34 PALMER ST	73.16	WINCHESTER	State of Federal Land	WILDWOOD CEMETERY	3	5	5	1	5	5	1	3	5	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-464	OFF MYSTIC VALLEY PW	38.11	WINCHESTER	State of Federal Land	DCR	1	1	5	1	5	5	1	3	5	5	3	3	3	1	Not Suitable	-	-	-	-	-	
OS-081	Middlesex Fells Reservation	31.93	WINCHESTER	DCR	DCR - Division of State Parks and Recreation	5	5	5	5	5	3	1	3	5	5	5	1	1	1	Not Suitable	-	-	-	-	-	
AP-490	0 CHARDON RD	28.42	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	5	5	5	5	5	3	1	3	1	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-480	0 RR THORNBERRY RD	26.98	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	5	5	5	5	5	3	3	3	5	1	5	1	1	5	Not Suitable	-	-	-	-	-	
AP-504	0 MAIN ST	23.60	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF WEDGE POND	1	1	1	1	1	5	1	3	5	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-463	0 WASHINGTON ST	19.48	WINCHESTER	State of Federal Land	CATHOLIC CEMETERY ASSOC OF	1	1	5	1	1	5	3	3	5	5	3	3	5	5	Not Suitable	-	-	-	-	-	
AP-473	75 JOHNSON RD	17.39	WINCHESTER	State of Federal Land	VINSON OWEN SCHOOL	5	5	5	5	5	3	1	3	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-495	0 SKILLINGS RD	16.39	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	1	1	5	1	1	5	3	3	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-510	0 SUNSET RD	16.06	WINCHESTER	Vacant Use, Private	MONTVALE LAND LLC	1	1	1	1	1	5	3	3	5	5	5	3	1	5	Not Suitable	-	-	-	-	-	
AP-467	154 HORN POND BROOK RD	14.14	WINCHESTER	State of Federal Land	LYNCH ELEMENTARY SCHOOL	1	1	5	1	5	5	1	3	5	5	5	1	5	5	Not Suitable	-	-	-	-	-	
AP-468	458 MAIN ST	12.83	WINCHESTER	State of Federal Land	MCCALL JUNIOR HIGH SCHOOL	1	1	5	1	1	5	1	3	5	5	3	3	3	1	Not Suitable	-	-	-	-	-	
AP-487	0 WASHINGTON ST	12.51	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	1	1	5	1	1	5	1	1	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
OS-086	Winchester Reservoir	12.13	WINCHESTER	Municipality-Owned	Town of Winchester	5	5	5	5	5	3	1	3	5	5	3	1	1	1	Not Suitable	-	-	-	-	-	
AP-506	0 RIDGE ST	11.62	WINCHESTER	State of Federal Land	WRIGHT LOCKE LAND TRUST INC	5	5	5	5	5	3	3	3	5	5	3	1	3	5	Not Suitable	-	-	-	-	-	
OS-082	Middlesex Fells Reservation	11.47	WINCHESTER	DCR	DCR - Division of State Parks and Recreation	5	5	5	5	5	3	1	3	5	5	5	1	1	1	Not Suitable	-	-	-	-	-	
AP-466	80 SKILLINGS RD	11.16	WINCHESTER	State of Federal Land	HIGH SCHOOL	1	1	5	1	5	5	3	3	5	5	3	3	5	5	Not Suitable	-	-	-	-	-	
AP-469	33 BATES RD	10.45	WINCHESTER	State of Federal Land	MURACO SCHOOL	1	1	5	1	5	5	1	1	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-508	210 CAMBRIDGE ST	10.26	WINCHESTER	Vacant Use, Private	MAHONEYS WINCHESTER R E LLC	5	5	1	5	1	3	1	3	1	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-479	0 CROSS ST	9.40	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	1	1	1	1	1	5	3	3	5	5	5	3	3	5	Not Suitable	-	-	-	-	-	
AP-482	0 HIGH ST	9.38	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	5	5	5	5	5	3	1	3	5	5	5	1	5	5	Not Suitable	-	-	-	-	-	
AP-512	0 FOREST CR	9.20	WINCHESTER	Vacant Use, Private	SHANNON INVESTMENT TRUST	5	5	5	5	5	3	1	3	1	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-502	0 LOCKELAND RD	9.16	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF PARK DEPT	5	5	5	5	5	3	1	3	1	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-462	21 HIGH ST	9.06	WINCHESTER	State of Federal Land	AMBROSE SCHOOL	5	5	1	5	1	3	1	3	1	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-513	620 WASHINGTON ST	8.86	WINCHESTER	Vacant Use, Municipal or Conservation	WINCHESTER HOSPITAL	1	1	5	1	1	5	3	3	5	5	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-493	15 MCKAY AV	7.82	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	1	1	5	1	5	3	3	3	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-478	134 CROSS ST	7.65	WINCHESTER	State of Federal Land	WINCHESTER SOCCER CLUB INC	1	1	5	1	5	5	1	1	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-465	0 BACON ST	7.59	WINCHESTER	State of Federal Land	DCR	1	1	5	1	5	5	1	3	5	5	3	3	3	1	Not Suitable	-	-	-	-	-	
OS-085	Mystic Valley Parkway	7.59	WINCHESTER	DCR	DCR - Division of State Parks and Recreation	1	1	5	1	5	5	1	3	5	5	3	3	3	1	Not Suitable	-	-	-	-	-	
AP-500	0 WILDWOOD ST	6.99	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF PARK DEPT	5	5	1	5	5	3	1	3	1	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-497	0 ANDREWS RD	6.77	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	5	5	1	5	1	3	1	3	1	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-492	0 RIDGE ST	6.28	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	5	5	5	5	5	3	1	3	5	5	3	1	3	5	Not Suitable	-	-	-	-	-	
AP-483	0 OLDE LYME RD	6.28	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	5	5	5	5	5	3	1	3	5	5	5	1	5	5	Not Suitable	-	-	-	-	-	
AP-475	41 HIGHLAND AV	6.13	WINCHESTER	State of Federal Land	WINCHESTER HOSPITAL	5	5	1	5	1	3	1	3	1	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-486	0 BACON ST	5.71	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	1	1	5	1	1	5	1	3	5	5	3	3	3	1	Not Suitable	-	-	-	-	-	
AP-509	0 FOREST ST	5.36	WINCHESTER	Vacant Use, Private	MONTVALE LAND LLC	5	5	5	5	5	3	1	3	1	1	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-489	0 PALMER ST	5.35	WINCHESTER	State of Federal Land	WINCHESTER TOWN OF	1	1	5	1	5	3	1	3	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-491	0 WENDELL ST	5.03	WINCHESTER</																							

							Hydrology					Environmental Justice		Connectivity		Cost and Ease of Implementation										
KLF_ID	SITE_ADDR	Area_AC	CITY	LUCodeKLF	OWNER1	FEMA_imp	OvFz10y2070	LowLy10y2070	OvFz100y2070	LowLy100y2070	Mys_Fl_Imp	EJ_Impact	EJ_Demographic	wMysticR_Ch	wExistPark_t	HSG_Select	Bedrock_Select	Slope_Select	Article97_Imp	Suitable	EQ rank (of 114 Suitable)	HYD rank (of 114 Suitable)	EJ rank (of 114 Suitable)	CONN rank (of 114 Suitable)	IMPL rank (of 114 Suitable)	
AP-767	MIDDLESEX CANAL PK	12.26	WOBURN	Vacant Use, Private	NAI ENTERTAINMENT HOLDINGS LLC	5	5	5	5	5	3	1	3	5	5	5	3	5	5	Suitable	6	7	24	10	8	
AP-747	WYMAN ST N	11.76	WOBURN	Vacant Use, Municipal or Conservation	CITY OF WOBURN	3	5	5	5	5	3	1	3	5	5	5	3	5	5	Suitable	16	21	31	18	12	
AP-713	ERIE & CENTRAL ST	10.67	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	5	5	5	3	1	1	5	5	3	3	5	5	Suitable	26	33	73	41	37	
AP-90149	241 LEXINGTON ST	2.58	WOBURN	Other	ROBCO REALTY INC	5	5	5	1	5	3	1	3	5	5	5	3	5	5	Suitable	39	43	36	26	15	
AP-720	240 LEXINGTON STREET	14.64	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	5	5	5	3	1	3	1	5	3	3	5	5	Suitable	43	53	60	69	61	
AP-756	PAUL AVE	7.09	WOBURN	Vacant Use, Municipal or Conservation	JOHN ZOE	5	5	5	5	5	3	1	1	5	1	5	3	5	5	Suitable	51	63	99	77	48	
AP-794	LOWELL ST	3.62	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	3	5	5	5	5	3	1	3	5	1	5	3	5	5	Suitable	60	64	57	67	34	
AP-705	N WARREN ST	3.55	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	5	5	5	3	1	3	1	5	3	3	5	5	Suitable	61	57	63	72	64	
AP-762	HART & LOWELL ST	10.92	WOBURN	Vacant Use, Municipal or Conservation	MIDDLESEX CANALHISTORICAL SOCIETY	5	5	5	1	5	3	1	3	5	5	3	3	3	5	Suitable	65	66	51	45	67	
AP-749	61 KILBY ST	5.49	WOBURN	Vacant Use, Private	FLOWERS ANTHONY P TR	5	5	5	1	1	3	1	3	5	5	5	3	5	5	Suitable	68	75	46	38	20	
AP-792	CITY DUMP	17.09	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	5	5	5	5	5	3	1	1	5	1	3	3	3	5	Suitable	79	80	103	93	95	
AP-758	CENTRAL ST R	12.95	WOBURN	Vacant Use, Private	KRAFT GENERAL FOODS INC	5	5	5	5	5	3	1	1	5	1	3	3	3	5	Suitable	80	81	104	94	96	
AP-796	BARBARA CIR	4.43	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	5	5	5	5	5	3	1	1	1	1	5	3	5	5	Suitable	86	89	111	110	85	
AP-746	WOODSIDE TERR R	3.25	WOBURN	Vacant Use, Private	CHIACHIO VINCENT R	5	5	5	5	5	3	1	1	1	1	5	3	5	5	Suitable	88	90	112	111	86	
AP-750	LOT 1D WALNUT HILL PK	3.19	WOBURN	Vacant Use, Private	GATELY PINE ST LLC	5	5	1	5	5	3	1	1	5	1	5	3	5	5	Suitable	89	91	101	87	66	
AP-748	71 WYMAN ST	4.30	WOBURN	Vacant Use, Private	CORP. OF THE PRESIDING BISHOP	3	5	1	5	5	3	1	3	5	1	3	3	3	5	Suitable	97	95	84	96	99	
AP-82256	200 CAMBRIDGE RD	2.77	WOBURN		200 CAMBRIDGE ROAD, LLC	5	5	1	5	1	3	3	1	1	5	3	3	5	5	Suitable	102	101	81	92	84	
AP-769	216 CAMBRIDGE RD	4.01	WOBURN	Vacant Use, Private	NUGENT MARTIN F. JR.	5	5	1	5	1	3	3	1	1	5	3	3	3	5	Suitable	104	104	91	100	102	
AP-734	399 WASHINGTON ST	5.09	WOBURN	Vacant Use, Private	399 WASHINGTON, LLC	5	5	1	5	1	3	1	3	1	1	3	3	5	5	Suitable	109	113	102	112	108	
AP-791	NEW BOSTON & SCHOOL ST	4.33	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	5	5	1	5	1	3	1	3	1	1	3	3	3	5	Suitable	114	114	108	114	113	
AP-722	COUNTRY CLUB RD	215.01	WOBURN	Municipality-Owned	WOBURN GOLF & SKI AUTHORITY	1	1	5	1	5	5	3	3	5	5	3	1	5	5	Not Suitable	-	-	-	-	-	
AP-721	LAKE AVE & COVE ST	142.42	WOBURN	Municipality-Owned	WOBURN CITY OF	1	1	5	1	5	5	1	3	5	5	3	1	3	5	Not Suitable	-	-	-	-	-	
AP-707	SALEM ST	47.82	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	1	5	1	3	1	1	1	5	3	1	3	5	Not Suitable	-	-	-	-	-	
AP-710	88 MONTVALE AVE	41.45	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	5	5	5	3	1	3	1	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-711	55 LOCUST ST	38.83	WOBURN	Municipality-Owned	WOBURN CITY OF	1	1	5	1	5	5	1	3	5	5	5	3	3	5	Not Suitable	-	-	-	-	-	
AP-790	CITY DUMP	36.34	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	5	5	5	5	5	3	1	1	5	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-714	FOREST PK RD	35.14	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	5	5	5	3	1	1	5	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-786	COVE ST	31.29	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	5	1	5	1	5	5	3	3	5	5	5	1	1	5	Not Suitable	-	-	-	-	-	
AP-776	LEXINGTON ST-LOT 2	30.79	WOBURN	Vacant Use, Municipal or Conservation	WEST WOBURN DEVELOPMENT CORP.	5	5	5	5	5	3	1	3	5	1	5	1	1	5	Not Suitable	-	-	-	-	-	
AP-733	LEXINGTON ST C	24.07	WOBURN	Vacant Use, Municipal or Conservation		5	5	5	5	5	3	1	3	5	5	5	1	1	5	Not Suitable	-	-	-	-	-	
AP-91988	WASHINGTON CIR	23.21	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	1	1	5	1	1	5	1	1	5	5	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-715	41 MIDDLE ST	22.89	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	5	5	5	3	1	3	5	5	3	1	3	5	Not Suitable	-	-	-	-	-	
AP-801	280 SALEM ST R	22.38	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	1	5	5	1	5	5	1	3	5	1	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-797	SCHOOL & MERRIMAC	21.00	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	1	5	5	5	5	3	1	1	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-782	SHAKER GLEN AREA	20.49	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	5	5	5	1	5	3	1	3	5	5	5	1	5	5	Not Suitable	-	-	-	-	-	
OS-089	Shaker Glen Area	20.48	WOBURN	Municipality-Owned	City of Woburn	5	5	5	1	5	3	1	3	5	5	5	1	5	1	Not Suitable	-	-	-	-	-	
AP-703	228 BEDFORD RD	18.30	WOBURN	Municipality-Owned	BOSTON CITY OF	5	5	1	5	1	3	1	3	5	5	5	1	3	5	Not Suitable	-	-	-	-	-	
AP-706	60 GREEN ST	17.51	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	5	5	5	3	3	1	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-738	COMMERCE WAY W	16.38	WOBURN	Vacant Use, Private	BOSTON EDISON CO	1	5	5	5	5	3	1	3	5	1	3	3	5	5	Not Suitable	-	-	-	-	-	
AP-761	HALLS BROOK HOLDING AREA	15.22	WOBURN	Vacant Use, Private	MARK-PHILLIP TRUST	1	5	5	5	5	5	1	3	5	1	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-725	INDUSTRIAL-PLEX	14.87	WOBURN	State of Federal Land	RESOURCES FOR RESP SITE MGMT	5	5	5	5	5	3	1	3	5	1	5	1	1	5	Not Suitable	-	-	-	-	-	
AP-728	462 WASHINGTON ST	14.86	WOBURN	State of Federal Land	UNITED STATES POSTAL SERVICE	5	5	5	5	5	3	1	3	5	1	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-708	HARRISON AVE	12.17	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	1	5	1	3	1	3	1	5	5	1	1	5	Not Suitable	-	-	-	-	-	
AP-743	LEXINGTON ST	12.07	WOBURN	Vacant Use, Private	BOSTON EDISON CO	1	1	5	1	5	5	3	3	5	5	3	1	3	5	Not Suitable	-	-	-	-	-	
AP-768	RUSSELL ST	11.93	WOBURN	Vacant Use, Private	NNA ASSOCIATES	1	1	5	1	5	5	1	3	5	5	5	1	5	5	Not Suitable	-	-	-	-	-	
AP-732	LOT D CABOT RD	11.76	WOBURN	Vacant Use, Private		1	5	5	5	5	5	1	3	5	1	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-753	134 COMMERCE WAY	11.76	WOBURN	Vacant Use, Private	INDUSTRIPLEX WOBURN LLC	5	5	5	5	5	3	1	3	5	1	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-717	75 BEDFORD RD	11.47	WOBURN	Municipality-Owned	WOBURN CITY OF	1	1	5	1	5	5	1	3	5	1	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-755	PRESIDENTIAL WAY	9.83	WOBURN	Vacant Use, Private	JAMITKOWSKI WALTER J JR, TRUSTEE	5	5	5	5	5	3	1	3	5	1	3	1	3	5	Not Suitable	-	-	-	-	-	
AP-770	OLYMPIA AVE	9.82	WOBURN	Vacant Use, Private	OLYMPIA ABERJONA LLC	1	5	5	1	1	5	1	3	5	1	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-800	COMMERCE WAY LOT 2	9.73	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	1	5	5	5	5	3	1	3	5	1	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-742	REHAB WAY R	9.63	WOBURN	Vacant Use, Private	BOSTON EDISON CO	5	5	1	5	1	3	3	3	5	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-799	SALEM ST R	9.17	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	1	5	5	1	1	5	1	3	5	1	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-789	LONGWOOD AVE	9.04	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	5	5	5	5	5	3	1	1	5	1	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-760	MACK RD R	8.25	WOBURN	Vacant Use, Private	MACK INVESTORS LLC	1	1	1	1	1	5	3	1	5	1	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-775	RUSSELL ST R	8.15	WOBURN	Vacant Use, Private	WALL JAMES T.	5	5	5	5	5	3	1	1	1	1	5	1	5	5	Not Suitable	-	-	-	-	-	
AP-718	980 1/2 MAIN ST	8.12	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	5	5	5	3	1	1	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-745	CABOT RD	8.07	WOBURN	Vacant Use, Private	C C & F	1	5	5	5	5	3	1	3	5	1	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-780	BRIARWOOD RD	8.06	WOBURN	Vacant Use, Private	WOBURN 38 DEVELOPMENT, LLC	5	5	1	5	1	3	1	1	1	1	5	1	1	5	Not Suitable	-	-	-	-	-	
AP-778	SALEM ST R	7.62	WOBURN	Vacant Use, Private	WILDWOOD CONSERVATION CO	1	5	5	1	1	3	1	3	5	1	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-716	39 & 41 WYMAN STREET	7.34	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	5	5	5	3	1	3	5	1	3	1	5	5	Not Suitable	-	-	-	-	-	
AP-798	FIFTH RD	7.14	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	1	5	5	5	5	3	1	1	5	5	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-730	139 LEXINGTON ST	6.72	WOBURN	State of Federal Land	YOUNG MENS CHRISTIAN	5	5	1	1	1	3	1	3	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-777	BRADFORD & SKYVIEW RDS	6.48	WOBURN	Vacant Use, Private	WHITTEN CHARLES R	5	5	1	5	1	3	1	3	1	1	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-709	144 SCHOOL ST	6.41	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	1	5	1	3	1	1	1	1	3	3	1	5	Not Suitable	-	-	-	-	-	

							Hydrology						Environmental Justice		Connectivity		Cost and Ease of Implementation									
KLF_ID	SITE_ADDR	Area_AC	CITY	LUCODEKLF	OWNER1	FEMA_Imp	OvFZ10y2070	LowLy10y2070	OvFz100y2070	LowLy100y2070	Mys_Fl_Imp	EJ_Impact	EJ_Demographic	wMysticR_Ch	wExistPark_t	HSG_Select	Bedrock_Select	Slope_Select	Article97_Imp	Suitable	EQ rank (of 114 Suitable)	HYD rank (of 114 Suitable)	EJ rank (of 114 Suitable)	CONN rank (of 114 Suitable)	IMPL rank (of 114 Suitable)	
AP-785	RUSSELL ST	5.68	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	5	5	1	5	1	3	1	3	5	5	5	1	1	5	Not Suitable	-	-	-	-	-	
AP-803	WASHINGTON ST	5.47	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	1	1	5	1	1	5	3	1	5	5	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-727	30 ATLANTIC AVE	5.47	WOBURN	State of Federal Land	RESOURCES FOR RESPONSIBLE SITE MGT	5	5	5	5	5	3	1	3	5	1	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-726	LOT 1-A INDUSTRIAL-PLEX	5.36	WOBURN	State of Federal Land	RESOURCES FOR RESP SITE MGMT	5	5	5	5	5	3	1	3	5	1	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-763	CAMBRIDGE RD R & POND	5.20	WOBURN	Vacant Use, Private	MURRAY DANIEL TR	5	5	1	5	1	3	3	3	5	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-741	145 LEXINGTON ST	5.16	WOBURN	Vacant Use, Private	BOSTON EDISON CO	1	1	5	1	5	5	3	3	5	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-788	DIX RD R	5.14	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	5	5	5	5	5	3	1	1	5	1	5	1	5	Not Suitable	-	-	-	-	-		
AP-773	1071 MAIN ST R	5.03	WOBURN	Vacant Use, Private	ROKETENETZ STANLEY P JR TR	5	5	5	5	5	3	1	1	1	1	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-772	LOVES LANE	4.98	WOBURN	Vacant Use, Private	ROB MOHAMMAD ABDUR	5	5	1	5	1	3	1	3	5	5	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-737	215 PRESIDENTIAL WAY	4.98	WOBURN	Vacant Use, Private	ARE-MA REGION NO. 20, LLC	5	5	1	5	1	3	1	3	5	1	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-802	BEDFORD RD N	4.94	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	1	1	5	1	5	5	3	3	5	1	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-774	NEW BOSTON ST R	4.90	WOBURN	Vacant Use, Private	TABBY ASSOCIATES LLC	5	5	5	5	5	3	1	3	5	1	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-729	109 HOLTON ST	4.89	WOBURN	State of Federal Land	UNITED STATES PROPERTY	5	5	1	5	1	3	3	3	1	1	3	1	5	5	Not Suitable	-	-	-	-	-	
AP-779	375 CAMBRIDGE RD	4.78	WOBURN	Vacant Use, Private	WINCHESTER LODGE BPOE 1445	5	5	1	5	1	3	3	3	5	5	5	1	1	5	Not Suitable	-	-	-	-	-	
AP-764	RUSSELL ST	4.53	WOBURN	Vacant Use, Private	MURRAY ROBERT W	5	5	1	5	1	3	1	3	5	5	3	1	3	5	Not Suitable	-	-	-	-	-	
AP-744	MERRIMAC ST	4.39	WOBURN	Vacant Use, Private	BOSTON EDISON CO.	5	5	5	5	5	3	1	1	1	1	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-736	PATRIOT CIR R	4.27	WOBURN	Vacant Use, Private	AMERICAN PROP MGMT CORP	5	5	5	5	5	3	1	3	5	5	3	1	3	5	Not Suitable	-	-	-	-	-	
AP-784	STURGIS ST	4.18	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	1	1	5	1	5	3	1	1	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-793	SCHOOL & MERRIMAC	4.10	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	1	5	5	5	5	3	3	3	5	5	3	3	3	5	Not Suitable	-	-	-	-	-	
AP-752	WOBURN PKWY	4.06	WOBURN	Vacant Use, Private	HORN POND PLAZA, LLC	5	5	5	5	5	3	3	1	1	5	5	1	1	5	Not Suitable	-	-	-	-	-	
AP-754	0 BUCCI WAY - LOT 1A	4.04	WOBURN	Vacant Use, Private	ISLAND ROCK LLC	5	5	1	5	1	3	1	1	1	1	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-781	SURREY RD	3.95	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	5	5	5	5	5	3	3	3	1	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-766	CONSTITUTION WAY	3.82	WOBURN	Vacant Use, Private	MURRAY ROBERT W TR	5	5	1	5	1	3	1	3	5	1	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-783	LIANA ST	3.80	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	5	5	1	5	1	3	1	1	1	1	5	1	3	5	Not Suitable	-	-	-	-	-	
AP-735	HANCOCK & WALNUT	3.71	WOBURN	Vacant Use, Private	8-12 HANCOCK STREET WOBURN, LLC	5	5	5	5	5	3	1	1	5	1	5	1	5	5	Not Suitable	-	-	-	-	-	
AP-757	1 WASHINGTON AVE	3.67	WOBURN	Vacant Use, Private	KRAFT FOODS GLOBAL INC	5	5	1	5	1	3	3	3	5	1	3	1	1	5	Not Suitable	-	-	-	-	-	
AP-731	LOT C CABOT RD	3.59	WOBURN	Vacant Use, Private		1	5	5	5	5	5	1	3	5	1	3	3	5	5	Not Suitable	-	-	-	-	-	
AP-704	25 HARRISON AVE	3.58	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	5	5	5	3	1	3	1	5	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-765	DRAGON CT-LOT 14	3.51	WOBURN	Vacant Use, Private	MURRAY ROBERT W	5	5	1	5	1	3	1	3	1	1	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-719	679 MAIN & EATON AVE	3.46	WOBURN	Municipality-Owned	WOBURN CITY OF	5	5	5	5	5	3	1	1	1	5	5	3	1	5	Not Suitable	-	-	-	-	-	
OS-088	Water Street Park	3.42	WOBURN	Municipality-Owned	City of Woburn	5	5	5	5	5	3	1	1	5	5	3	1	3	1	Not Suitable	-	-	-	-	-	
AP-739	NEW BOSTON TO B & M	3.39	WOBURN	Vacant Use, Private	BOSTON EDISON CO	1	5	5	5	5	3	1	3	5	1	3	3	1	5	Not Suitable	-	-	-	-	-	
AP-771	NEW BOSTON ST R2	3.32	WOBURN	Vacant Use, Private	RES FOR RESPONSIBLE SITE MGMT TR.	5	5	5	5	5	3	1	3	5	1	5	1	1	5	Not Suitable	-	-	-	-	-	
AP-787	WAMESIT & GLEN STS	3.11	WOBURN	Vacant Use, Municipal or Conservation	WOBURN CITY OF	5	5	1	5	1	3	1	3	5	5	3	1	1	1	Not Suitable	-	-	-	-	-	
AP-759	CAMBRIDGE ST WINCHESTER	3.05	WOBURN	Vacant Use, Private	LTJ SENIOR COMMUNITIES CORP	5	5	1	5	1	3	3	3	5	5	5	1	1	5	Not Suitable	-	-	-	-	-	
AP-82204	n/a	2.84	WOBURN	Other		1	1	5	1	1	5	1	1	5	5	5	3	5	5	Not Suitable	-	-	-	-	-	
AP-88896	197 LEXINGTON ST	2.46	WOBURN	Vacant Use, Private	MUSTO PATRICK J.	1	1	5	1	5	5	3	1	5	5	5	3	5	5	Not Suitable	-	-	-	-	-	

Appendix H

Initial Scoring Methodology



Image credit: MyRWA

Scoring Detail	1		2		4		3		5		14		8		12		6		7		9		10		11		13	
Criteria Subcategory	Hydrologic											Environmental Justice & Equity			Connectivity		Ease and Cost of Implementation											
Criterion Overview	Analyses to further assess if the candidate Opportunity can provide regional flood benefit											Analyses to assess if the candidate Opportunity is spatially located near vulnerable population communities			Analyses to assess if the candidate Opportunity has potential to improve connectivity by expanding existing greenways, or creating new ones		Analyses of criteria that may impact the ease of project implementation, or considerably impact the cost of implementation.											
Criteria Shorthand	FEMA_Imp	OvFZ10y2070	OvFz100y2070	LowLy10y2070	LowLy100y2070	UpdatedModel10y2070	EJ_Impact	EJ_Demographic	wMysticR_Ch	wExistPark	HSG_Select	Bedrock_Select	Slope_Select	Article97_Imp														
Analysis	Is the Opportunity within the FEMA 100-year floodplain?	Is the Opportunity within the regional Mystic Viewer regional hydraulic model 's riverine overbank flood area for 2070 10-year event?	Is the opportunity within the regional Mystic Viewer regional hydraulic model 's riverine overbank flood area for 2070 100-year event?	Is the Opportunity within the GIS layer used as a proxy for piped infrastructure flooding for a 2070 10-year event (prior to 2019 model updates)?	Is the Opportunity within the "Low-Lying Adjacent" GIS layer that was developed as a proxy for piped infrastructure flooding for a 2070 100-year event (prior to 2019 model updates)?	After 2019 model updates, is the Opportunity within the Mystic Viewer regional hydraulic model 's riverine overbank flood area for 2070 10-year event?	Is the Opportunity located within an Environmnmetnal Justice area, as defined using EEOEA EJ criteria?	Is the Opportunity located within an Environmnmetnal Justice area, as defined using EPA EJSCREEN criteria?	Is the Opportunity located in close proximity to the Mystic River?	Is the Opportunity located in close proximity to an existing Public Open Space area?	Is the Opportunity located on land with soils that a poorly-drained or well-drained?	Is the Opportunity located on land with shallow bedrock conditions?	Is the Opportunity located on land with that is relatively flat, or steep slopes?	Is the Opportunity located on land that is protected as a designated conservation site?														
Analysis Detail	Analysis uses National Flood Hazard Layer (NFHL) data for all 1% flood risk zones.	Analyses use the prior version of the Mystic regional flood modeling tool (one-dimensional model), which simplified large catchment routing via hydrographs, (flooding was constrained to modeled river floodplain via overbank flooding only)		Analysis uses "Low-Lying Adjacent" GIS layer that was developed as a proxy for piped infrastructure (non-overbank flooding that may occur within catchments), based on modeled peak flood height within river channel and extended floodplain cross-sections (river transects).		Analysis uses the updated Mystic regional hydaulic flood model (2019), with more catchment resolution and 2D flood routing, as informed by piped infrastructure data provided by municipalities.	Analysis uses the GIS Environmental Justice (EJ) Populations layer available via MassGIS, which represent areas with high minority, non-English speaking, and/or low-income populations.	Analysis uses EPA's EJSCREEN demographic GIS data, which represent areas with high populations of individuals with less than high school education, under the 5, and/or over age 64 (top quartile nationwide for each criterion).	Analysis identifies if Opportunity is located within 500 ft of Mystic River main channel.	Analysis identifies if Opportunity is located within 500 ft of existing Public Open Space (parcels in MassGIS Open Space layer).	Analysis identifies if Opportunity is located on a parcel of which the predominant soils classified as HSG C, C/D, or D (using NRCS SSURGO dataset)?	Analysis identifies if Opportunity is located on a parcel that has shallow bedrock conditons (i.e., <1 ft anywhere across site), using NRCS SSURGO dataset).	Analysis identifies if Opportunity is located on a parcel with gradual or steep average slope conditons, using NRCS SSURGO dataset).	Analysis identifies if Opportunity is located on an Article 97 protected open space.														
Unweighted score rationale	If the Opportunity is situated in the FEMA 100 year floodplain, it is not likely that additional flood storage (yielding regional flood benefits for 2070 10-year event) is feasible in this location.	If the Opportunity is situated in the model's immediate river overbank floodplain area, it is not likely that additional flood storage (yielding regional flood benefits for 2070 10-year event) is feasible in this location.	The previous modeling approach had limitations in that propagated flooding via piped infrastrcuture was not modeled. If the Opportunity is situated in the previous model's 100-year overbank floodplain, regional flood benefits may be limited at this location.	Additional storage created in this location (via new project) may result in regional flood benefit. In areas that are already "low-lying" it is likely easier to divert or re-direct large amounts of runoff/ DCIA (via gravity flow)	Additional storage created in this location (via new project) may result in regional flood benefit. In areas that are already "low-lying" it is likely easier to divert or re-direct large amounts of runoff/ DCIA (via gravity flow)	Additional storage created in upstream catchments areas where flooding is shown may result in both regional flood benefit and local flood mitigation benefits / hazard mitigation. Other, upstream areas may also achieve similar objectives, but may require more work to divert or re-direct large amounts of runoff/ DCIA to site.	A new project may reduce exposure of local communities to flood hazard.	A new project may reduce exposure of local communities to flood hazard.	A new project located in close proximity to Mystic River channel may bring additional visibility and access to waterfront.	A new project located in close proximity to a Public Open Space may create an opportunity to tie into an existing greenway, or create a new one.	To implement a new flood mitigation project, existing soils may be replaced. For a wetland-type project, poorly-draining soils are desired. Where soils are well-draining, sites may be better opportunities for other GI (soils can be recycled).	To implement a new flood mitigation project, significant storage capacity must be feasible. Shallow bedrock conditions likely prevent the feasibility or likelihood of such storage being achieved without considerable cost implications.	To implement a new flood mitigation project, topography may impact feasibility or cost of implementation. For a wetland-type project, flat areas or gradual slopes are desired.	To implement a new flood mitigation project on a protected site, coordination with State would be required.														

Unweighted Score	Hydrologic						Environmental Justice & Equity		Connectivity		Ease and Cost of Implementation			
	Analyses to further assess if the candidate Opportunity can provide regional flood benefit						Analyses to assess if the candidate Opportunity is spatially located near vulnerable population communities		Analyses to assess if the candidate Opportunity has potential to improve connectivity by expanding existing greenways, or creating new ones		Analyses of criteria that may impact the ease of project implementation, or considerably impact the cost of implementation.			
	FEMA_Imp	OvFZ10y2070	OvFz100y2070	LowLy10y2070	LowLy100y2070	UpdatedModel10y2070	EJ_Impact	EJ_Demographic	wMysticR_Ch	wExistPark	HSG_Select	Bedrock_Select	Slope_Select	Article97_Imp
1 (Low)	Opportunity is situated in the FEMA 100 year floodplain NOT SUITABLE	Opportunity is situated in modeled 207 10-year overbank floodplain NOT SUITABLE	Opportunity is situated in modeled 2070 100-year event floodplain	Opportunity is NOT situated in a low-lying area	Opportunity is NOT situated in a low-lying area		Opportunity area does not intersect any of the 3 target EEOEA EJ communities	Opportunity area does not intersect a census block group ranked among the nation's highest quartile for any of the 3 criteria	Opportunity is not within 500 ft. of Mystic River main channel	Opportunity is not within 500 ft. of an existing park/public Open Space		NRCS SSURGO dataset indicates shallow bedrock at this Opportunity location NOT SUITABLE	Per existing conditions, NRCS SSURGO dataset indicates that the slope across the Opportunity parcel is greater than 6% NOT SUITABLE	Opportunity area site does not have Art. 97 status designation
2														
3						Opportunity is NOT situated in the modeled 2070 flood extents	Opportunity area intersects only 1 of the target EEOEA EJ communities	Opportunity area intersects a census block group ranked among the nation's highest quartile, as per EPA EJ criteria (one criterion only)			The predominant Hydrologic Soil Group at the Opportunity parcel is another HSG soil type (i.e., not C, C/D, D or any combinations including C or D)		Per existing conditions, NRCS SSURGO dataset indicates that the slope across the Opportunity parcel is between 3% and 6%	Art. 97 status is unknown
4														
5 (High)	Opportunity is situated outside FEMA's 100 year floodplain	Opportunity is situated outside the modeled 2070 floodplain	Opportunity is situated outside the modeled 2070 floodplain	Opportunity is situated a low-lying area (below river peak flood elevation for 2070 modeled 10-year storm, but not necessarily within floodplain)	Opportunity is situated a low-lying area (below river peak flood elevation for 2070 modeled 100-year storm, but not necessarily within floodplain)	Opportunity is situated in the modeled 2070 10-year flood extents	Opportunity area intersects more than 1 of the 3 target EEOEA EJ communities	Opportunity area intersects a census block group ranked among the nation's highest quartile, as per EPA EJ criteria (for more than one criterion)	Opportunity is within 500 ft. of Mystic River main channel	Opportunity is within 500 ft. of Mystic River main channel	The predominant Hydrologic Soil Group at the Opportunity parcel is C, C/D, D (or any combinations including C or D, i.e., A/D)	NRCS SSURGO dataset does not indicate shallow bedrock at this location	Per existing conditions, NRCS SSURGO dataset indicates that the slope across the Opportunity parcel is less than 3%	Opportunity area site has Art. 97 status designation

Appendix I

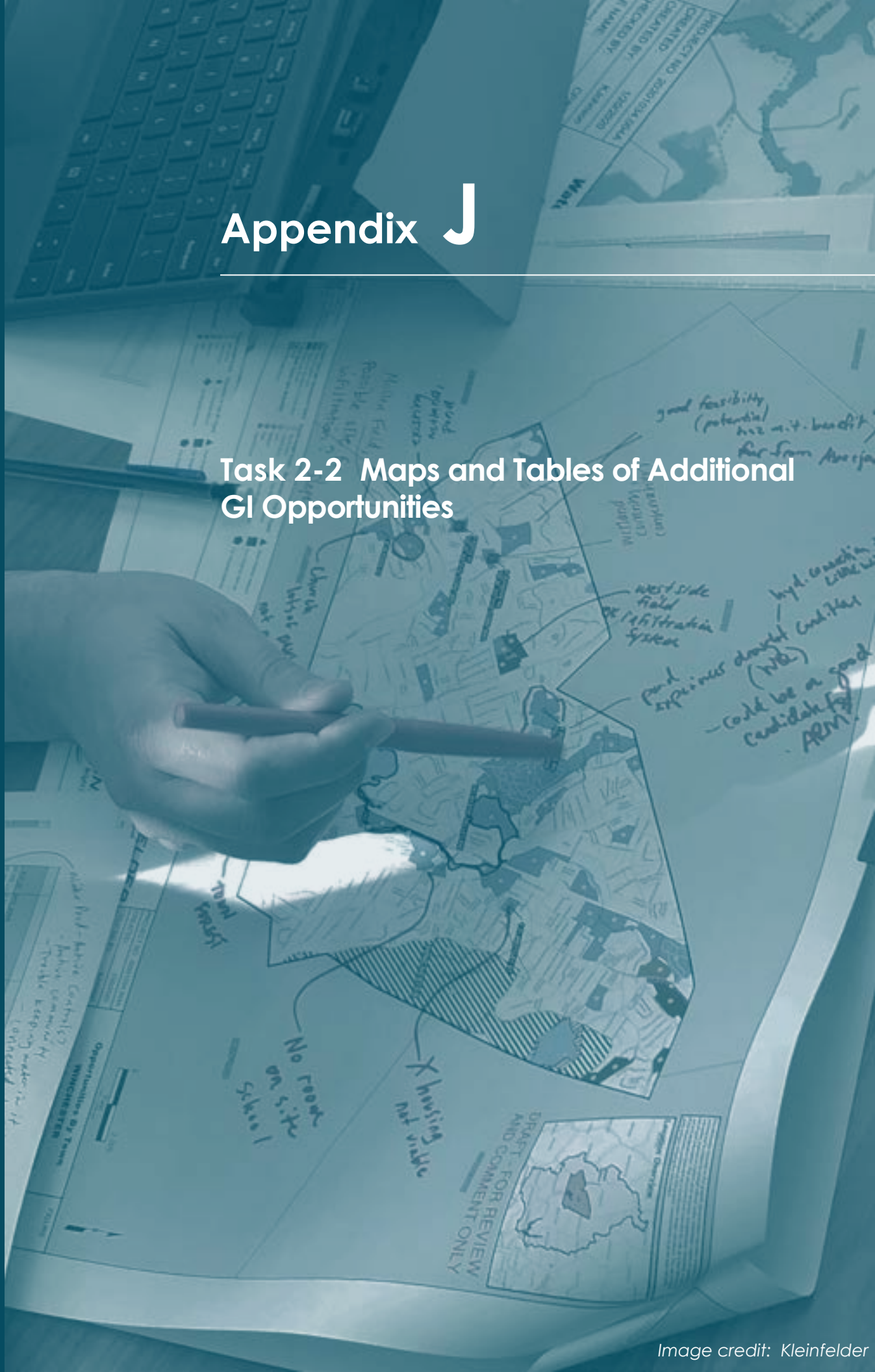
Revised Scoring Methodology

Scoring Detail
GIS Criteria #

	1	2	11	13	14	15	16	17
Unweighted Score	Hydrologic	Ease and Cost of Implementation		Ease and Cost of Implementation	Hydrologic		Environmental Justice & Equity	Connectivity
	Anaylses to further assess if the candidate Opportunity can provide regional flood benefit	Anaylses of criteria that may impact the ease of project implementation, or considerably impact the cost of implmentation.		Anaylses of criteria that may impact the ease of project implementation, or considerably impact the cost of implementation.	Anaylses to further assess if the candidate Opportunity can provide regional flood benefit		Anaylses to assess if the candidate Opportunity is spatially located near vulnerable population communities	Anaylses to assess if the candidate Opportunity has potential to improve connectivity by expanding existing greenways, or creating new ones
	FEMA_Imp	OvFZ10y2070	Slope_Select	Article97_Imp	UpdatedModel10y2070	Subwatershed_Impact	SVI_FloodExposure	ParksRiverConnectivity
1 (Low)	Opportunity is not intersected by any FEMA zone	Opportunity is greater than 2640 feet from 2070 10y24hr Overbank flood layer	Per NRCS SSURGO dataset, predominant slope gradient is greater than 6%.	Opportunity area site has Art. 97 status designation (i.e., protected), based on MassGIS Open Space layer (for non-Public Open Space parcels, this score applies if any area within parcel is designated as protected)	Opportunity is NOT intersected by the updated model's 2070 10y24hr flood extents and is located greater than 2640 feet from these flood extents	Opportunity is located within the "Mystic River 1" or "Mystic River 2" subwatershed, as delineated in the 2006 Mystic River Watershed Action Plan	Opportunity is located in a census tract with a SVI score less than 0.25.	Opportunity is located more than 2640 feet from both the Mystic River main channel (<i>hydro25k\HYDRO25K_POLY</i> layer) AND park/public Open Space (MassGIS Open Space layer).
2							Opportunity is located in a census tract with a SVI score of at least 0.25 , but less than 0.50.	
3	Opportunity does not intersect (i.e., edge does not border) FEMA's 100 year floodplain, however Opportunity is within FEMA 500-year floodplain (B or X zone), or another FEMA flood zone.	Opportunity is greater than 500 feet from 2070 10y24hr Overbank flood layer, but less than 2640 feet	Per NRCS SSURGO dataset, predominant slope gradient is between 3% and 6%, or Unknown (No Data).	Art. 97 status is unknown	Opportunity is NOT intersected by the updated model's 2070 10y24hr flood extents and is located within 2640 feet of these extents	Opportunity is located within any other subwatershed (i.e., Opportunity is located within "Alewife", "Mill Brook", "Malden River", or "Mystic Lakes" subwatershed, as delineated in the 2006 Mystic River Watershed Action Plan)	Opportunity is located in a census tract with a SVI score of at least 0.5 , but less than 0.75.	Opportunity is located more than than 500 ft from Mystic River main channel (<i>hydro25k\HYDRO25K_POLY</i> layer) OR park/public Open Space (MassGIS Open Space layer), but less than 0.5 mile from either.
4	Opportunity intersects FEMA's 100 year floodplain (i.e., parcel edge border's the 100-year floodplain)	Opportunity is within 500 feet of 2070 10y24hr Overbank 2070 flood layer					Opportunity is located in a census tract with a SVI score 0.75 or greater.	
5 (High)	Opportunity does not intersect FEMA 100-year floodplain, but it within 500 feet of floodplain.	Opportunity intersects 2070 10y24hr Overbank 2070 flood layer	Per NRCS SSURGO dataset, predominant slope gradient is 3% or lower.	Opportunity area site does not have Art. 97 status designation	Opportunity is intersected by the updated model's 2070 10y24hr flood extents	Opportunity is located within the "Aberjona" or "Horn Pond" subwatershed, as delineated in the 2006 Mystic River Watershed Action Plan	SVI of 0.25 or greater <u>AND</u> intersected by 2070 10y24hr flood extents (from Question 14)	Opportunity is located within 500 ft. of Mystic River main channel (<i>hydro25k\HYDRO25K_POLY</i> layer) OR park/public Open Space (MassGIS Open Space layer).

Appendix J

Task 2-2 Maps and Tables of Additional GI Opportunities



Email & mapping materials -
request for feedback sent to
fourteen (14) communities on
3-20-2020 and 3-23-2020

Kyle Johnson

From: Kyle Johnson
Sent: Friday, March 20, 2020 2:21 PM
To: Emily Sullivan; Wayne Chouinard
Cc: 'Patrick Herron'
Subject: {Feedback Requested} Priority regional flood mitigation opportunities identified in Arlington ---Mystic MVP project
Attachments: Arlington_reference map [Mystic MVP].pdf; Project update flyer [Mystic MVP].pdf

Hi Emily and Wayne,

Thank you for your participation thus far in the **Upper Mystic River MVP project**. Over the past 8 months, we have appreciated the feedback and data-sharing from all 17 Upper Mystic communities, incorporated these into our analysis, and are now looking to prioritize sites so we can produce 10% conceptual designs for regionally-significant green infrastructure projects by June 2020.

We have identified several opportunities within the **Town of Arlington** which may be considered for prioritization/concept design as part of the project's next steps.

We are looking for feedback in reviewing the opportunities identified in the Town of Arlington.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified for a large constructed wetland (~3 acres or greater)**. Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The sites highlighted in the table below and **green** on the attached map have been identified to have significant potential. The site's Map ID (i.e., "AP-182") can be used to locate the site on the map. These sites include:

Address/Site Name	Map ID	Description/Comments	Public Acceptance (1- LOW to 5-HIGH ACCEPTANCE)
Arlington Great Meadows	AP-182 (located in Lexington)	Of the 170+ acre parcel, there is ~60 acres of “suitable” area that is adjacent to the 100-year FEMA Floodplain.	
Arlington Reservoir	OS-010 and OS-030 (located in Lexington)	Public open space parcel areas adjacent to the Arlington Reservoir. These areas are adjacent to FEMA 100-year floodplain and already low-lying.	
Mystic River Reservation	OS-003 (DCR-owned)	Parcel areas adjacent to the Mystic River Reservations. These areas are adjacent to FEMA 100-year floodplain and already low-lying.	
McClennen Park	AP-007	Existing 3-acre detention pond formerly Reed’s Brook Park and landfill site including a park area which could be considered for expanding into a flood control wetland.	
Meadowbrook Park	AP-027	Primarily within the FEMA 100-year floodplain; would require creating new flood storage space within FEMA floodplain	
Mystic Valley Parkway	AP-019	Public open space parcel located primarily within the FEMA 100-year floodplain; DCR-owned	
Robbins Farm Park	OS-016	Arlington-owned open space park site (non-ball field areas)	

Hill's Hill	AP-022	Arlington-owned open space park site; the wooded area southeast may have space for a wetland GI flood mitigation project	
-------------	--------	--	--

Please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

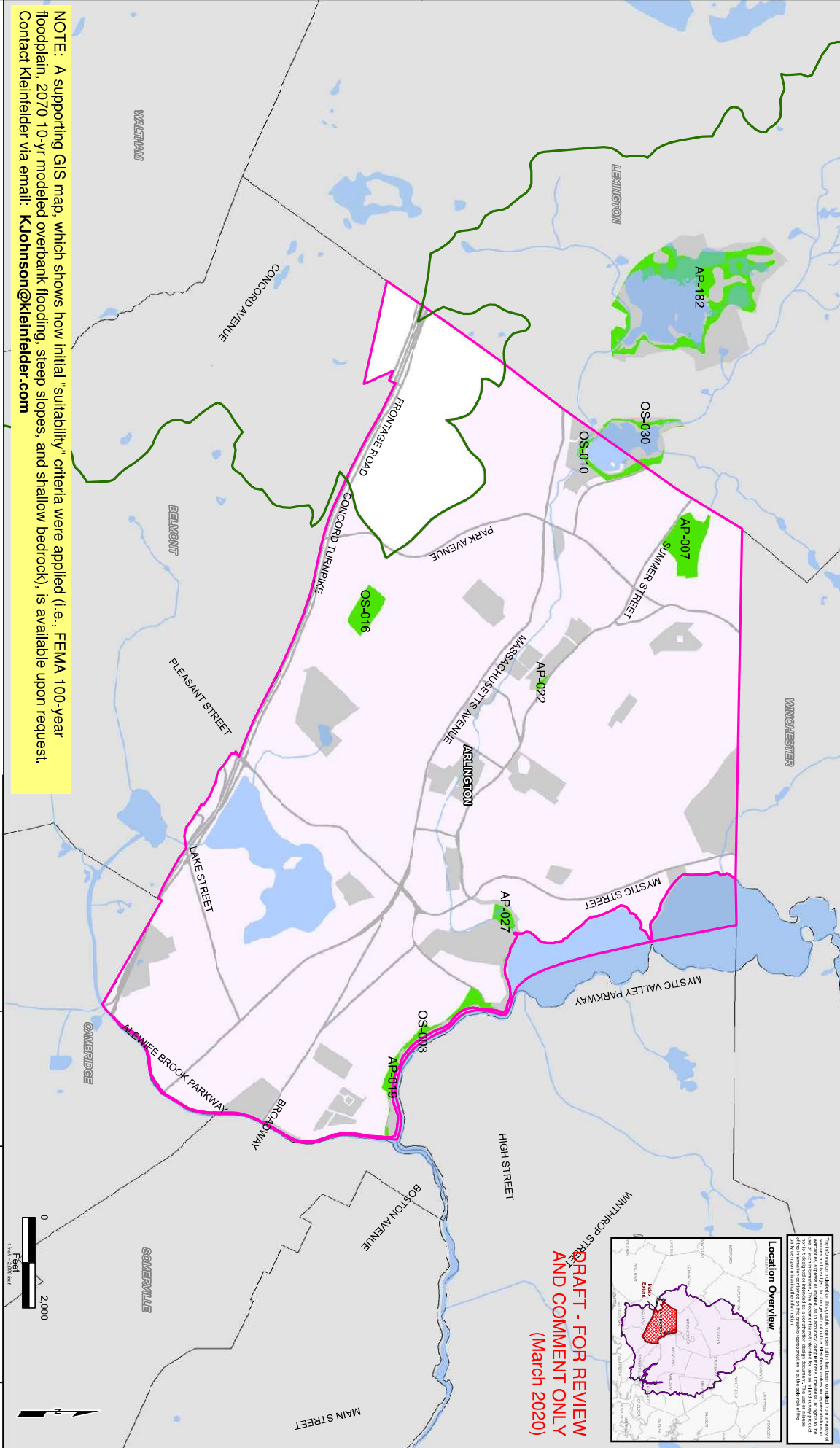
Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

Sincerely,
 Kyle Johnson, Kleinfelder
 Emily Sullivan, RMC Upper Mystic Stormwater Working Group, Town of Arlington

Kyle Johnson, E.I.T.
 Green Infrastructure & Climate Resiliency,
 Kleinfelder Water Resources Group

One Beacon Street, Suite 8100
 Boston, MA 02108

m | 773.614.3449



NOTE: A supporting GIS map, which shows how initial "suitability" criteria were applied (i.e., FEMA 100-year floodplain, 2070 10-yr modeled overbank flooding, steep slopes, and shallow bedrock), is available upon request. Contact Kleinfelder via email: KJohnson@kleinfelder.com

LEGEND

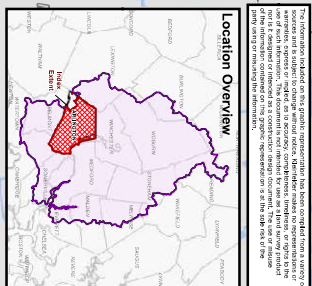
- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Town Boundary
- Parcels >3 acres (public land use, vacant, or select private use)

Project NO. 20201034_004A
CREATED: 3/19/2020
CHECKED BY: KJohnson
FILE NAME: Mapbook_20200311_print GI Opportunities_simplified.mxd

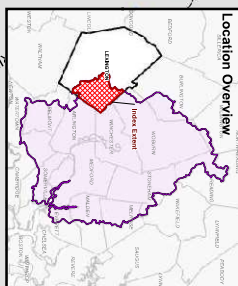
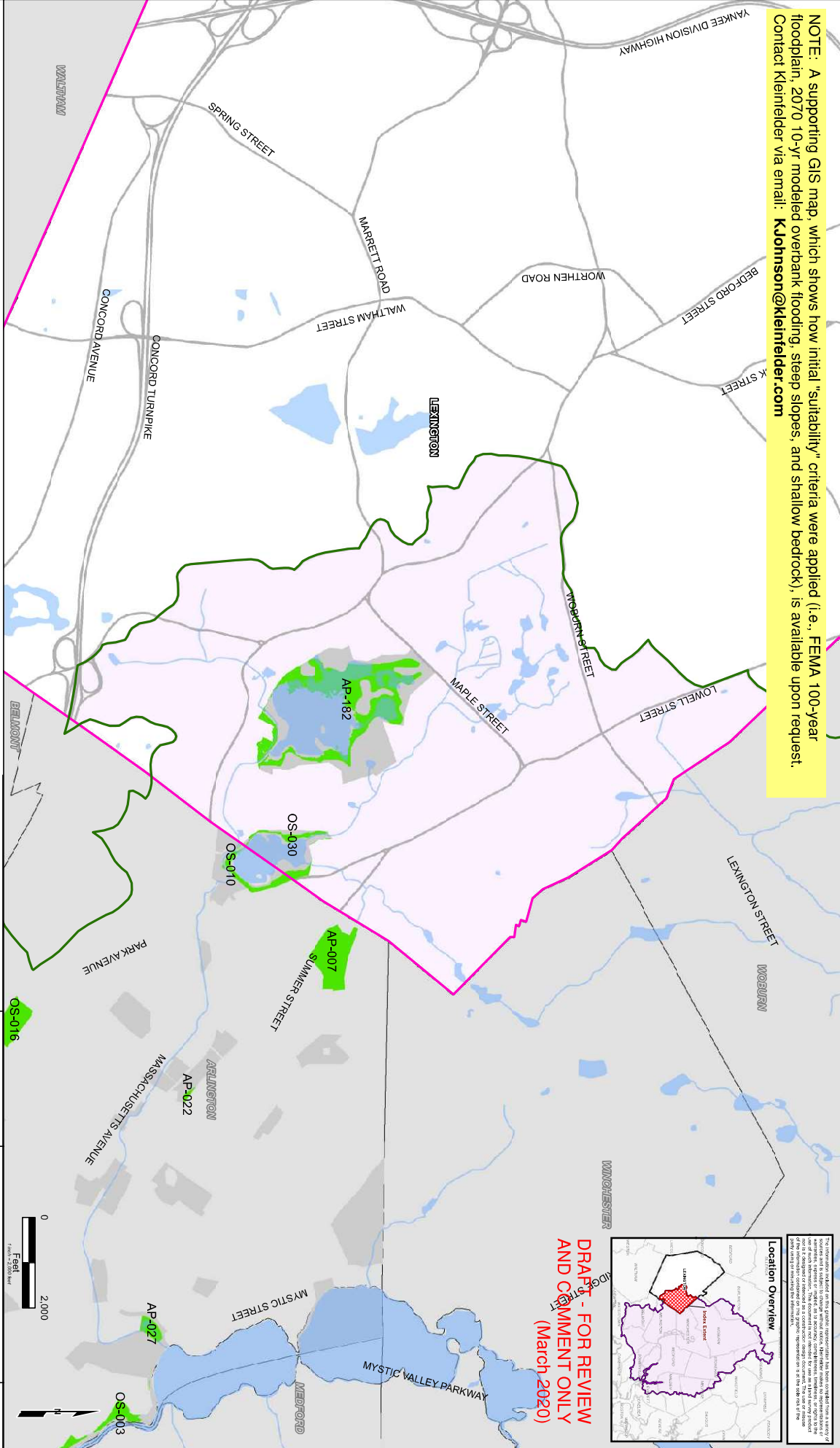
Wetland GI Opportunities
ARLINGTON
Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Opportunities
Per Municipality
ARLINGTON, MA

FIGURE
1
of 17

DRAFT - FOR REVIEW
AND COMMENT ONLY
(March 2020)



NOTE: A supporting GIS map, which shows how initial "suitability" criteria were applied (i.e., FEMA 100-year floodplain, 2070 10-yr modeled overbank flooding, steep slopes, and shallow bedrock), is available upon request. Contact Kleinfelder via email: KJohnson@kleinfelder.com



DRAFT - FOR REVIEW
AND COMMENT ONLY
(March 2020)

LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Parcels >3 acres (public land use, vacant, or select private use)
- Town Boundary

www.kleinfelder.com

PROJECT NO. 20201034_004A	Wetland GI Opportunities ARLINGTON (in Lexington)
CREATED: 3/19/2020	
CHECKED BY: KJohnson	
FILE NAME: Mapbook_20200311_print GI Opportunities_simplified.mxd	
Mystic Watershed Wide Analysis and MVP Grant Per Municipality LEXINGTON, MA	

FIGURE

6

of 17

Kyle Johnson

From: Emily Sullivan <ESullivan@town.arlington.ma.us>
Sent: Monday, March 23, 2020 12:01 PM
To: gclancy@belmont-ma.gov; jmarshall@belmont-ma.gov
Cc: Kyle Johnson
Subject: Mystic MVP Project - Possible Sites in Belmont
Attachments: Belmont_reference map [MysticMVP].pdf; Project update flyer [MysticMVP].pdf

External Email.

Glenn and Jon,

I hope you're both doing well in Belmont! I know this is a crazy time for everyone, but if you have a few minutes, could you please provide some feedback for the Mystic green infrastructure MVP project?

The project team is about to begin site prioritization so that we can produce 10% conceptual designs for regionally-significant green infrastructure projects. We have identified several opportunities within Belmont which may be considered for prioritization/concept design as part of the project's next steps.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified for a large constructed wetland (~3 acres or greater).** Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The sites highlighted in the table below and **green** on the attached map have been identified to have significant potential. The site's Map ID (i.e., "AP-034") can be used to locate the site on the map. These sites include:

Address/Site Name	Map ID	Description/Comments	Public Acceptance (1-LOW to 5-HIGH ACCEPTANCE)
221 CONCORD AVE	AP-034	Clay Pit Pond; man-made pond that receives flows from the Wellington Brook and outflows via culvert to Blair Pond. Flooding issues were reported in 2010, and water quality may be a cobenefit to waterways feeding into the Alewife Brook.	
800 CONCORD AVE	AP-057	Very large site within Western Greenway area; has ~20 acres of "suitable" area, as per the desktop GIS screening for hydrology, slope, and bedrock factors (based on state/federal data sources).	
322B CONCORD TPK	AP-054	Spy Pond; State-owned parcel	

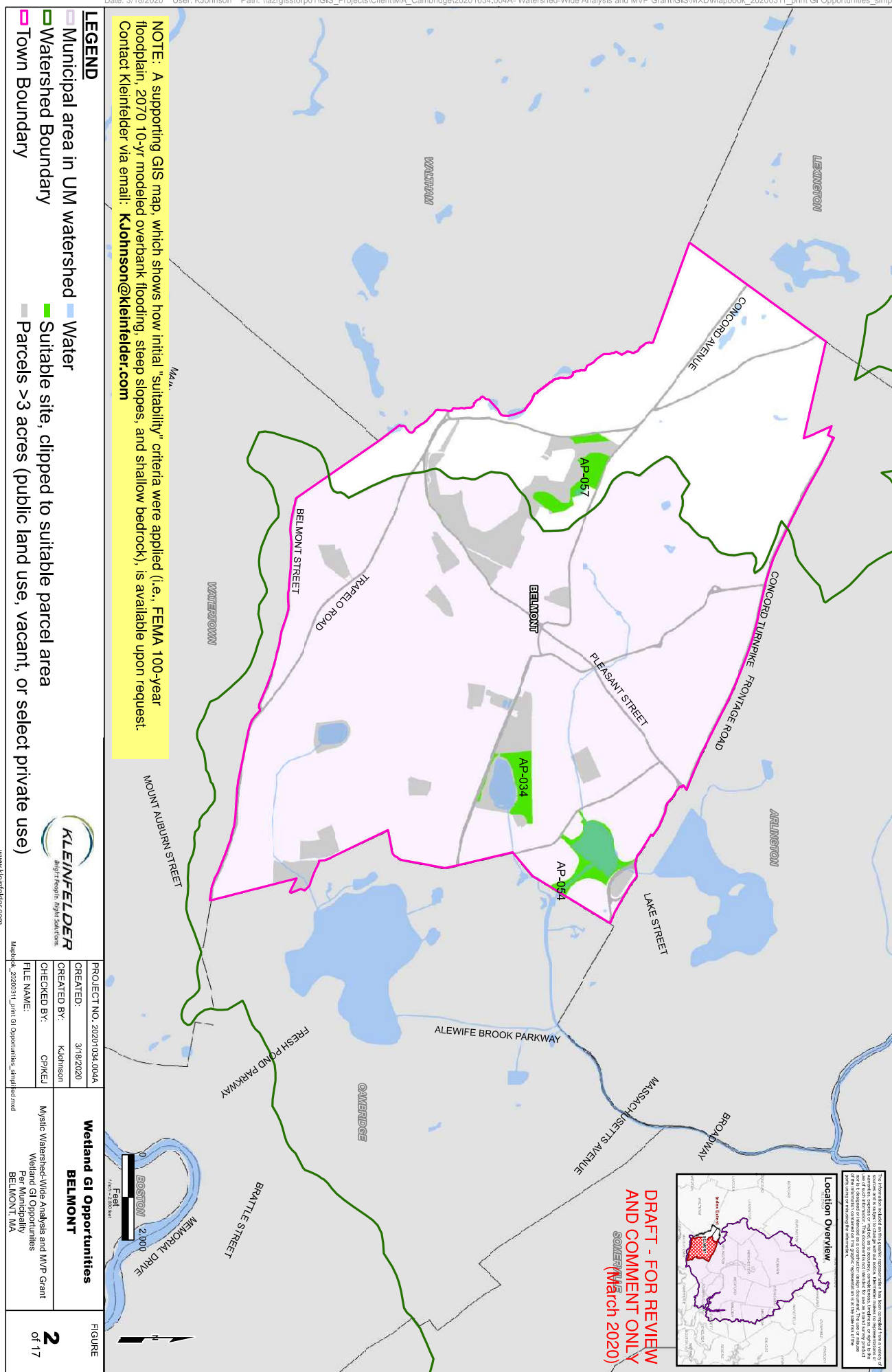
Can you please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

Thank you!

Kyle Johnson, Kleinfelder
Emily Sullivan, RMC Upper Mystic Stormwater Working Group, Town of Arlington

Emily Sullivan
Environmental Planner & Conservation Agent
Town of Arlington
esullivan@town.arlington.ma.us
(781) 316-3012



NOTE: A supporting GIS map, which shows how initial "suitability" criteria were applied (i.e., FEMA 100-year floodplain, 2070 10-yr modeled overbank flooding, steep slopes, and shallow bedrock), is available upon request. Contact Kleinfelder via email: KJohnson@kleinfelder.com

LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Town Boundary
- Parcels >3 acres (public land use, vacant, or select private use)



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PROJECT NO. 20201034.004A	Wetland GI Opportunities	FIGURE
CREATED: 3/18/2020	BELMONT	
CHECKED BY: KJohnson		
CHECKED BY: CPKEL		
FILE NAME: Mapbook_20200311_print GI Opportunities_simplified.mxd		
	Mystic Watershed Wide Analysis and MVP Grant	
	Wetland GI Opportunities	
	Per Municipality	
	BELMONT, MA	

**DRAFT - FOR REVIEW
AND COMMENT ONLY**
SOLIER/MA
(March 2020)

Kyle Johnson

From: Kyle Johnson
Sent: Friday, March 20, 2020 1:57 PM
To: jkeele@burlington.org
Cc: ecoleman@burlington.org; thayer@burlington.org; hemler.matt@gmail.com; ebonventre@burlington.org; Emily Sullivan; 'Patrick Herron'
Subject: {Feedback Requested} Priority regional flood mitigation opportunities identified in Burlington ---Mystic MVP project
Attachments: Burlington_reference map [Mystic MVP].pdf; Project update flyer [Mystic MVP].pdf

Hi John,

Thank you for your (and your colleagues') participation thus far in the **Upper Mystic River MVP project**. Over the past 8 months, we have appreciated the feedback and data-sharing from all 17 Upper Mystic communities, incorporated these into our analysis, and are now looking to prioritize sites so we can produce 10% conceptual designs for regionally-significant green infrastructure projects by June 2020.

We have identified several opportunities within the **Town of Burlington** which may be considered for prioritization/concept design as part of the project's next steps.

We are looking for feedback in reviewing the opportunities identified in the Town of Burlington.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified for a large constructed wetland (~3 acres or greater)**. Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The sites highlighted in the table below and **green** on the attached map have been identified to have significant potential. The site's Map ID (i.e., "AP-095") can be used to locate the site on the map. These sites include:

Address/Site Name	Map ID	Description/Comments	Public Acceptance (1-LOW to 5-HIGH ACCEPTANCE)
34 WYMAN ST	AP-095	Well Field; Town-owned, 9-acre parcel identified by Town as an opportunity “well not used for years, no treatment plant and no plans to use it”	
WYMAN ST	AP-104	3.8-acre private parcel in Well Field area adjacent to Town-owned parcel AP-095	
13 WYMAN ST	AP-19351	3-acre private parcel in Well Field area adjacent to Town-owned parcel AP-095	
BEACON ST	AP-100	~4.4 acres of “suitable” area at private site owned by BROWN HAROLD&RON/N E RLTY ASC	
CAMBRIDGE ST	AP-102	~7.8 acres of “suitable” area at private site owned by DEMATTEO MANAGEMENT INC	
Mountain Road Conservation Area	OS-022	Public open space parcels (~25 acres of “suitable” space cumulatively), close to shallow bedrock areas	
	OS-024		
	OS-025		
Mary Cummings Park	25 BLANCHARD AVE	<i>[Site identified during Task 1 interview]</i> City of Boston-owned parcel (to confirm); just outside Upper Mystic watershed, some high slope and shallow bedrock areas at top of hill	
FMC Skating Rink site	36 RAY AVE	<i>[Site identified during Task 1 interview]</i> Site where FMC leases land from Town	

Please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

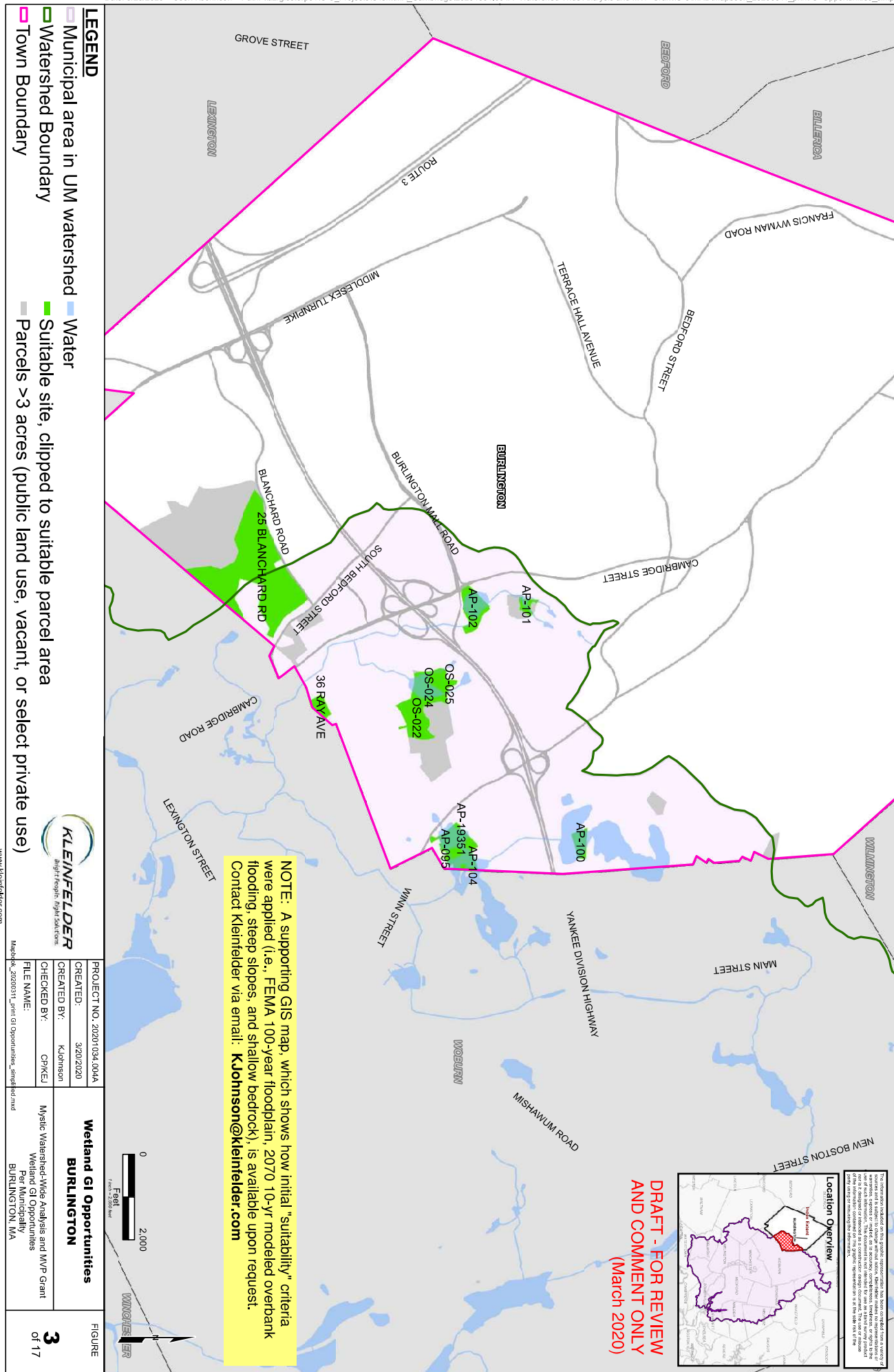
Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

Sincerely,
 Kyle Johnson, Kleinfelder
 Emily Sullivan, RMC Upper Mystic Stormwater Working Group, Town of Arlington

Kyle Johnson, E.I.T.
 Green Infrastructure & Climate Resiliency,
 Kleinfelder Water Resources Group

One Beacon Street, Suite 8100
Boston, MA 02108

m| 773.614.3449



Kyle Johnson

From: Kyle Johnson
Sent: Friday, March 20, 2020 2:18 PM
To: Watkins, Kathy; Catherine Daly Woodbury (cwoodbury@CambridgeMA.GOV)
Cc: Emily Sullivan; 'Patrick Herron'; Chris Balerna
Subject: {Feedback Requested} Priority regional flood mitigation opportunities identified in Cambridge ---Mystic MVP project
Attachments: Cambridge_reference map [Mystic MVP].pdf; Project update flyer [Mystic MVP].pdf

Hi Kathy and Catherine,

Thank you for your participation thus far in the **Upper Mystic River MVP project**. Over the past 8 months, we have appreciated the feedback and data-sharing from all 17 Upper Mystic communities, incorporated these into our analysis, and are now looking to prioritize sites so we can produce 10% conceptual designs for regionally-significant green infrastructure projects by June 2020. We have identified several opportunities within the **City of Cambridge** which may be considered for prioritization/concept design as part of the project's next steps.

We are looking for feedback in reviewing the opportunities identified in the City of Cambridge.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified for a large constructed wetland (~3 acres or greater)**. Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The sites highlighted in the table below and **green** on the attached map have been identified to have significant potential. The site's Map ID (i.e., "AP-145") can be used to locate the site on the map. These sites include:

Address/Site Name	Map ID	Description/Comments	Public Acceptance (1- LOW to 5- HIGH ACCEPTANCE)
1R-3R ALEWIFE BROOK PKWY	AP-145	Jerry's Pond; privately-owned parcel. >6 acres was deemed "suitable" after applying initial GIS criteria	
Neveille Manor	OS-028	Public open space parcel; contains some areas – such as Maher Field and Maher Park – which have some programmed areas, but were not excluded at this time. Of the total 9.5 acres of "suitable" site area. Active uses may restrict the opportunity space to a much smaller fraction of potential project-suitable area.	
243 CONCORD TPK	AP-140	Privately owned parcel; >3 acres may be suitable for flood mitigation, but would require private owner and FEMA coordination	
26 ACORN PK DR	AP-139	Privately owned parcel; >3 acres may be suitable for flood mitigation, but would require private owner and FEMA coordination	

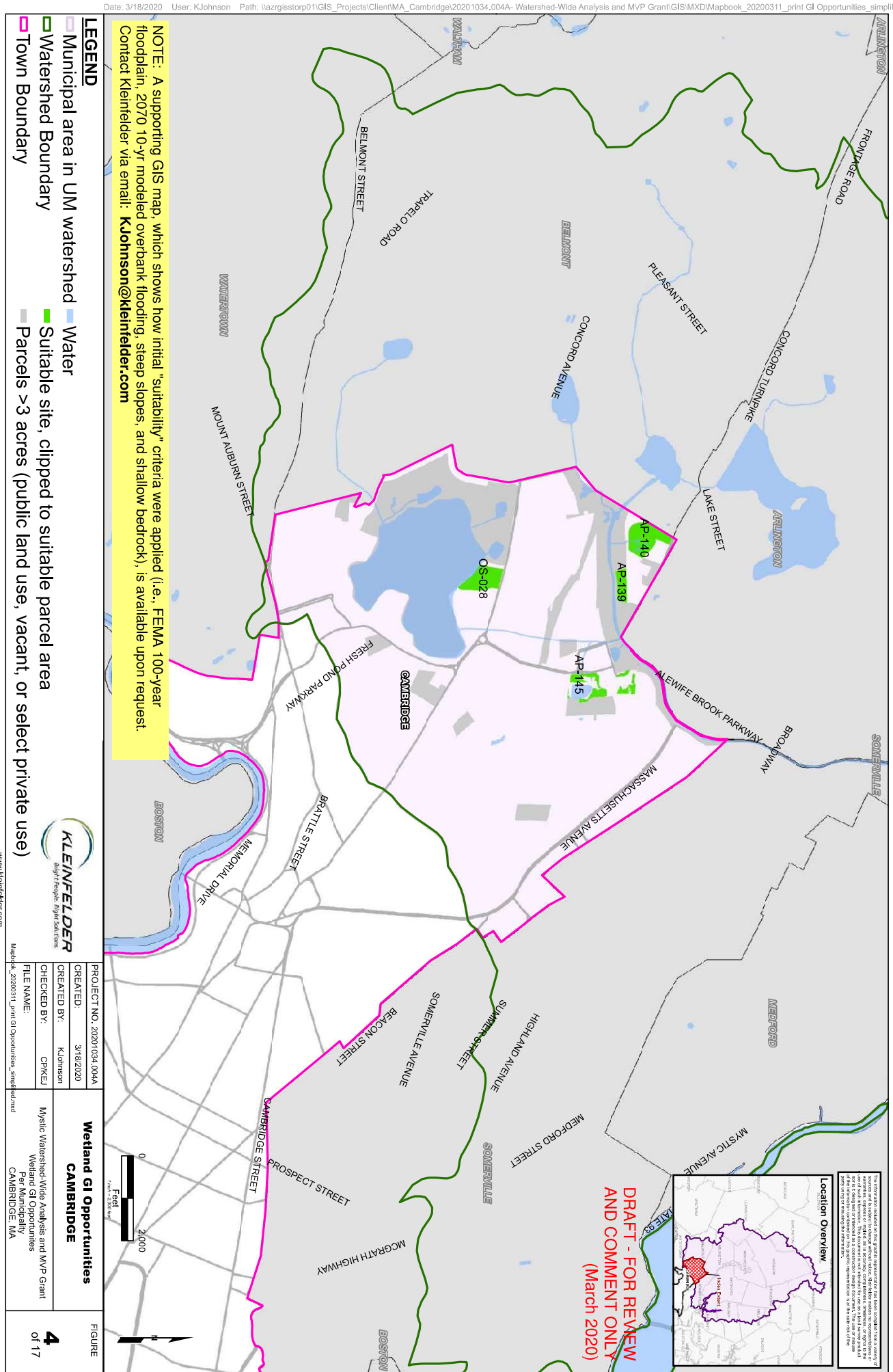
Please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

Sincerely,
 Kyle Johnson, Kleinfelder
 Emily Sullivan, RMC Upper Mystic Stormwater Working Group, Town of Arlington

Kyle Johnson, E.I.T.
 Green Infrastructure & Climate Resiliency,
 Kleinfelder Water Resources Group

One Beacon Street, Suite 8100
 Boston, MA 02108



PROJECT NO. 20201034.004A	CREATED: 3/18/2020	CHECKED BY: KJohnson	FILE NAME: Mapbook_2020\311_print GI Opportunities_simplified.mxd
Wetland GI Opportunities		Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Opportunities Per Municipality CAMBRIDGE, MA	

Kyle Johnson

From: Kyle Johnson
Sent: Friday, March 20, 2020 2:48 PM
To: greg.stlouis@ci.everett.ma.us
Cc: Emily Sullivan; 'Patrick Herron'
Subject: {Feedback Requested} Priority regional flood mitigation opportunities identified in Everett---Mystic MVP project
Attachments: Everett_reference map [Mystic MVP].pdf; Project update flyer [Mystic MVP].pdf

Hi Greg,

Thank you for your participation thus far in the **Upper Mystic River MVP project**. Over the past 8 months, we have appreciated the feedback and data-sharing from all 17 Upper Mystic communities, incorporated these into our analysis, and are now looking to prioritize sites so we can produce 10% conceptual designs for regionally-significant green infrastructure projects by June 2020. We have identified several opportunities within the **City of Everett** which may be considered for prioritization/concept design as part of the project's next steps.

We are looking for feedback in reviewing the opportunities identified in the City of Everett.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified for a large constructed wetland (~3 acres or greater)**. Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The sites highlighted in the table below and **green** on the attached map have been identified to have significant potential. The site's Map ID (i.e., "AP-167") can be used to locate the site on the map. These sites include:

Address/Site Name	Map ID	Description/Comments	Public Acceptance (1-LOW to 5-HIGH ACCEPTANCE)
TREMONT ST	AP-167	Privately-owned parcel with river frontage; Rivergreen Park site	
SANTILLI HW	AP-161	Village Landing Park; ~6 acres of "suitable" site area	
7 AIR FORCE RD	AP-162	Park L; walking paths could potentially be replicated with wetland footbridges	
2 MYSTIC VIEW RD	2 MYSTIC VIEW RD	Privately-owned undeveloped site; >28 acres (total)	

Please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

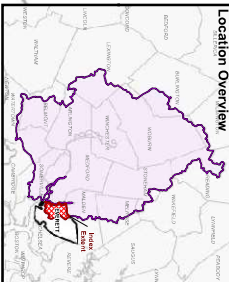
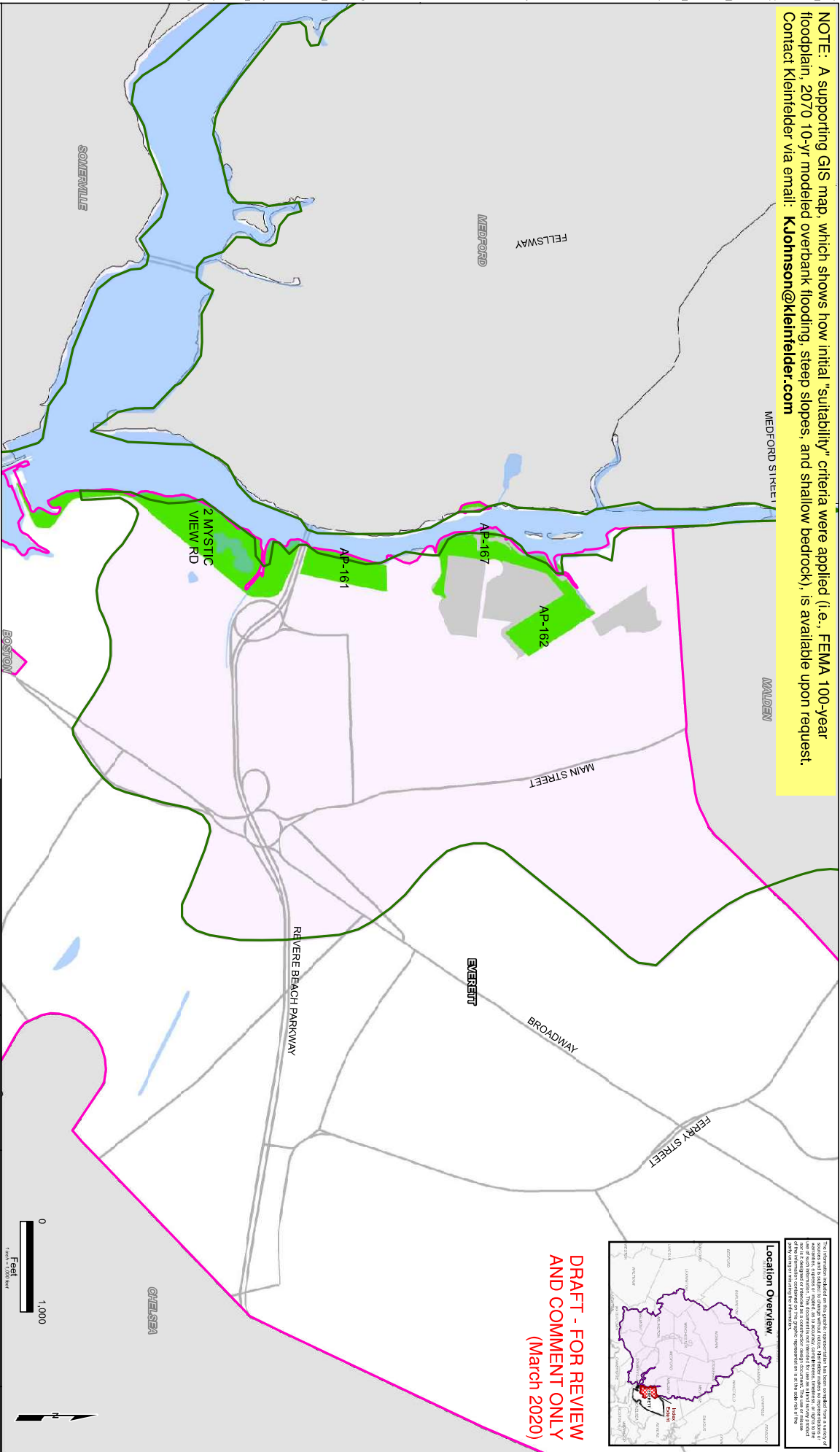
Sincerely,
Kyle Johnson, Kleinfelder
Emily Sullivan, RMC Upper Mystic Stormwater Working Group, Town of Arlington

Kyle Johnson, E.I.T.
Green Infrastructure & Climate Resiliency,
Kleinfelder Water Resources Group

One Beacon Street, Suite 8100
Boston, MA 02108

m | 773.614.3449

NOTE: A supporting GIS map, which shows how initial "suitability" criteria were applied (i.e., FEMA 100-year floodplain, 2070 10-yr modeled overbank flooding, steep slopes, and shallow bedrock), is available upon request. Contact Kleinfelder via email: KJohnson@kleinfelder.com



DRAFT - FOR REVIEW
AND COMMENT ONLY
(March 2020)

LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Town Boundary
- Parcels >3 acres (public land use, vacant, or select private use)



PROJECT NO. 20201034.004A	CREATED: 3/18/2020	CREATED BY: KJohnson	CHECKED BY: CPKEL	FILE NAME: Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Opportunities Per Municipality Everett, MA
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Mapbook_20200311_print GI Opportunities_simplified.mxd

Kyle Johnson

From: Kyle Johnson
Sent: Friday, March 20, 2020 3:31 PM
To: John Livsey
Cc: Emily Sullivan; 'Patrick Herron'
Subject: {Feedback Requested} Priority regional flood mitigation opportunities identified in Lexington --Mystic MVP project
Attachments: Lexington_reference map [Mystic MVP].pdf; Project update flyer [Mystic MVP].pdf

Hi John,

Thank you for your participation thus far in the **Upper Mystic River MVP project**. Over the past 8 months, we have appreciated the feedback and data-sharing from all 17 Upper Mystic communities, incorporated these into our analysis, and are now looking to prioritize sites so we can produce 10% conceptual designs for regionally-significant green infrastructure projects by June 2020. We have identified several opportunities within the **Town of Lexington** which may be considered for prioritization/concept design as part of the project's next steps.

We are looking for feedback in reviewing the opportunities identified in the Town of Lexington.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified for a large constructed wetland (~3 acres or greater)**. Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The sites highlighted in the table below and **green** on the attached map have been identified to have significant potential. The site's Map ID (i.e., "AP-204") can be used to locate the site on the map. These sites include:

Address/Site Name	Map ID	Description/Comments	Public Acceptance (1-LOW to 5-HIGH ACCEPTANCE)
BUTTERFIELD RD	AP-204, AP-206	Town-owned conservation parcels	
MAPLE ST / BUTTERFIELD RD	AP-201, AP-205	Town-owned parcels in Pheasant Brook area	
HOWARD MONROE PL	AP-207	Town-owned parcel in Monroe Brook area	
ROLFE RD	AP-195	Town-owned parcel in the headwaters of areas in Woburn that have experienced significant flooding.	
MAPLE ST	AP-203	Northwest corner of the Arlington Meadows site is Town of Lexington-owned and has ~4 acres of “suitable” area, as per the desktop GIS screening for hydrology, slope, and bedrock factors.	
MASSACHUSETTS AVE	AP-190	Town-owned parcel; contiguous to Minuteman Pkwy	
LOWELL ST	AP-187	Town-owned parcel; very large area (>45 acres total) but opportunity limited by terrain	
LACONIA ST	AP-196	Town-owned undeveloped parcel	
SOLOMON PIERCE RD	AP-211	Privately-owned parcel; large site area	
171 WOBURN ST	AP-209	Privately-owned parcels (3-5 acres of “suitable” area)	
49 BARTLETT AVE	AP-176		
WOBURN ST	AP-198		
VILLAGE CIR	AP-183	Town-owned parcel; size and location may be restrictive	
BLUEBERRY LN	AP-213	Privately-owned parcel designated “undevelopable residential land”	
SANDERSON RD	AP-194	Town-owned undeveloped parcels >3 acres, but would require additional of flood storage within FEMA 100-year floodplain	
ORCHARD LN	AP-185		
BOW ST	AP-191		

Please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

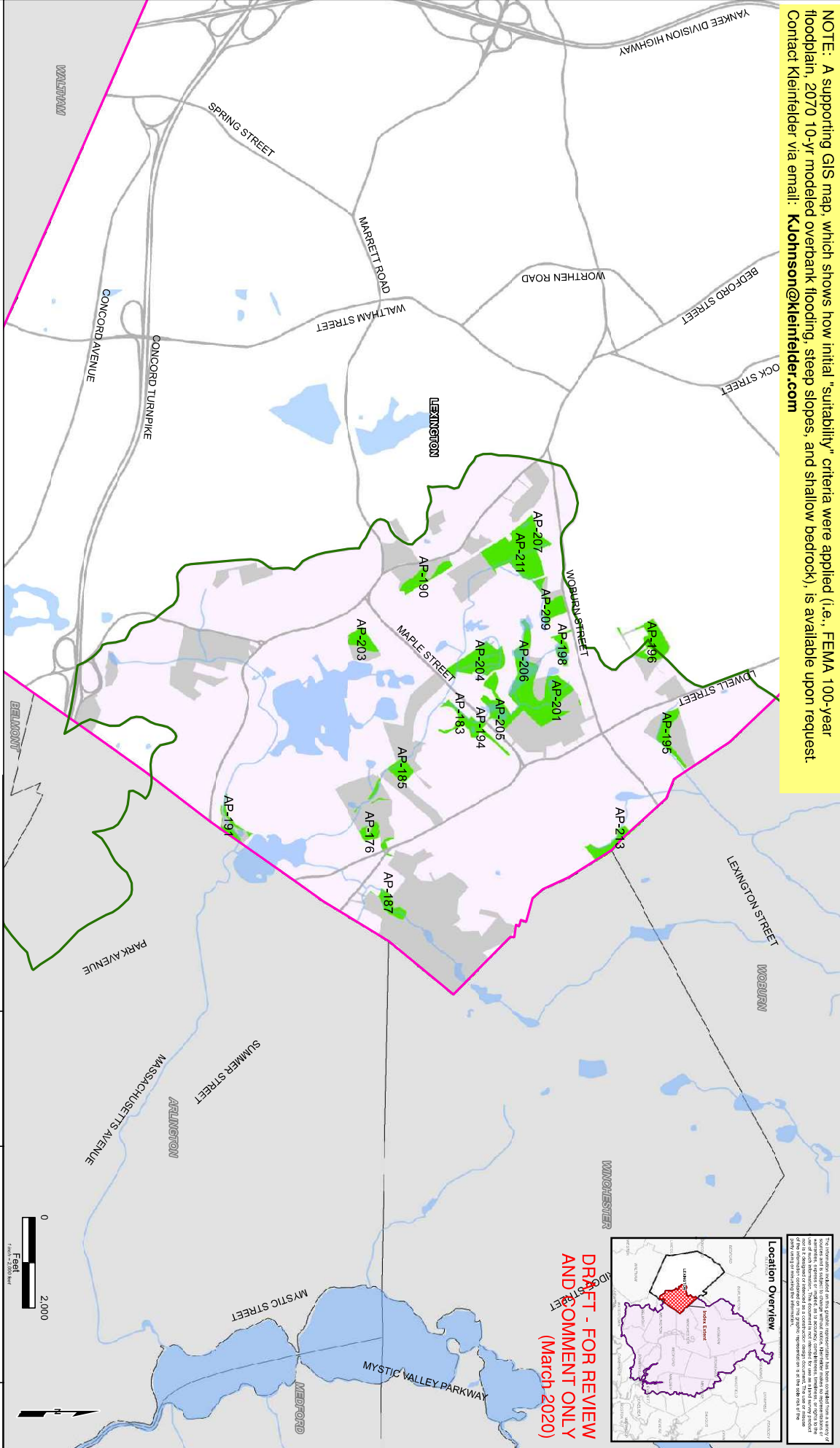
Sincerely,
Kyle Johnson, Kleinfelder
Emily Sullivan, RMC Upper Mystic Stormwater Working Group, Town of Arlington

Kyle Johnson, E.I.T.
Green Infrastructure & Climate Resiliency,
Kleinfelder Water Resources Group

One Beacon Street, Suite 8100
Boston, MA 02108


m | 773.614.3449

NOTE: A supporting GIS map, which shows how initial "suitability" criteria were applied (i.e., FEMA 100-year floodplain, 2070 10-yr modeled overbank flooding, steep slopes, and shallow bedrock), is available upon request. Contact Kleinfelder via email: KJohnson@kleinfelder.com



LEGEND

- Municipal area in UM watershed
- Water
- Suitable site, clipped to suitable parcel area
- Parcels >3 acres (public land use, vacant, or select private use)
- Watershed Boundary
- Town Boundary

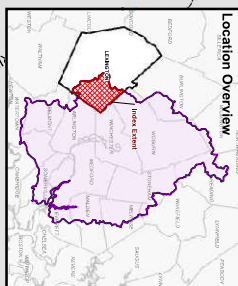


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Smart People. Right Solutions.

PROJECT NO. 20201034.004A	Wetland GI Opportunities	FIGURE 6 of 17
CREATED: 3/20/2020	LEXINGTON	
CHECKED BY: KJohnson		
FILE NAME: Mapbook_20200311_print GI Opportunities_simplified.mxd	Mystic Watershed Wide Analysis and MVP Grant Wetland GI Opportunities Per Municipality LEXINGTON, MA	

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DRAFT - FOR REVIEW
AND COMMENT ONLY
(March 2020)



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Kyle Johnson

From: Kyle Johnson
Sent: Friday, March 20, 2020 3:48 PM
To: ylip@cityofmalden.org; sfama@cityofmalden.org
Cc: Emily Sullivan; 'Patrick Herron'
Subject: {Feedback Requested} Priority regional flood mitigation opportunities identified in Malden---Mystic MVP project
Attachments: Malden_reference map [Mystic MVP].pdf; Project update flyer [Mystic MVP].pdf

Hi Yem and Steve,

Thank you for your participation thus far in the **Upper Mystic River MVP project**. Over the past 8 months, we have appreciated the feedback and data-sharing from all 17 Upper Mystic communities, incorporated these into our analysis, and are now looking to prioritize sites so we can produce 10% conceptual designs for regionally-significant green infrastructure projects by June 2020. We have identified several opportunities within the **City of Malden** which may be considered for prioritization/concept design as part of the project's next steps.

We are looking for feedback in reviewing the opportunities identified in the City of Malden.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified for a large constructed wetland (~3 acres or greater)**. Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The site highlighted in the table below and **green** on the attached map has been identified to have significant potential. The site's Map ID (i.e., "AP-245") can be used to locate the site on the map. These sites include:

Address/Site Name	Map ID	Description/Comments	Public Acceptance (1-LOW to 5-HIGH ACCEPTANCE)
1087 MAIN ST	AP-245	Pine Banks Park – non-ballfield areas; jointly-owned with Melrose (site was also discussed by Melrose town officials as an opportunity in Task 1 interview)	

Additional parcels > 3 acres that met desktop GIS suitability criteria that were considered but removed based on active use:

- (AP-240, AP-241) City-owned parcels, but actively used for athletic fields
- (AP-234, AP-236, AP-242) City-owned cemetery
- (AP-239) City-owned, built out school site

- *(AP-244) MBTA-owned, built out site*

Please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

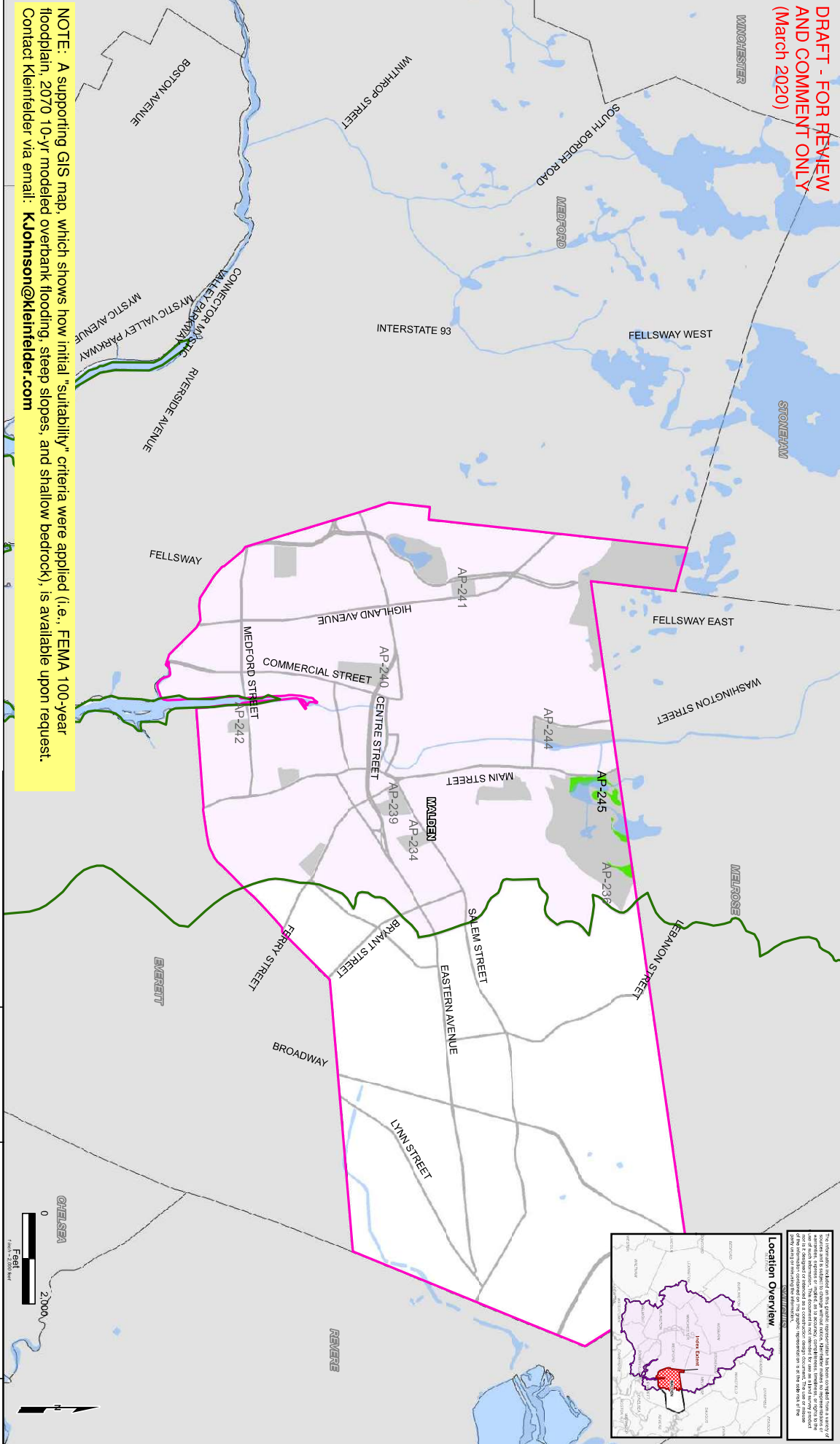
Sincerely,
Kyle Johnson, Kleinfelder
Emily Sullivan, RMC Upper Mystic Stormwater Working Group, Town of Arlington

Kyle Johnson, E.I.T.
Green Infrastructure & Climate Resiliency,
Kleinfelder Water Resources Group

One Beacon Street, Suite 8100
Boston, MA 02108

m | 773.614.3449

DRAFT - FOR REVIEW
AND COMMENT ONLY
(March 2020)



NOTE: A supporting GIS map, which shows how initial "suitability" criteria were applied (i.e., FEMA 100-year floodplain, 2070 10-yr modeled overbank flooding, steep slopes, and shallow bedrock), is available upon request. Contact Kleinfelder via email: KJohnson@kleinfelder.com

LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Town Boundary
- Parcels >3 acres (public land use, vacant, or select private use)



www.kleinfelder.com

PROJECT NO. 20201034.004A	Wetland GI Opportunities MALDEN	FIGURE 7 of 17
CREATED: 3/18/2020		
CHECKED BY: KJohnson		
FILE NAME: Mapbook_20200311_print GI Opportunities_simplified.mxd		
	Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Opportunities Per Municipality MALDEN, MA	

Kyle Johnson

From: Kyle Johnson
Sent: Friday, March 20, 2020 4:32 PM
To: Penny Antonoglou; Tim McGivern; Alicia Hunt
Cc: Emily Sullivan; 'Patrick Herron'
Subject: {Feedback Requested} Priority regional flood mitigation opportunities identified in Medford---Mystic MVP project
Attachments: Medford_reference map [Mystic MVP].pdf; Project update flyer [Mystic MVP].pdf

Hi Penny, Tim, and Alicia,

Thank you for your participation thus far in the **Upper Mystic River MVP project**. Over the past 8 months, we have appreciated the feedback and data-sharing from all 17 Upper Mystic communities, incorporated these into our analysis, and are now looking to prioritize sites so we can produce 10% conceptual designs for regionally-significant green infrastructure projects by June 2020. We have identified several opportunities within the **City of Medford** which may be considered for prioritization/concept design as part of the project's next steps.

We are looking for feedback in reviewing the opportunities identified in the City of Medford.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified as potential sites for a large constructed wetland (~3 acres or greater)**. Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The sites highlighted in the table below and **green** on the attached map have been identified to have significant potential. The site's Map ID (i.e., "AP-281") can be used to locate the site on the map. These sites include:

Address/Site Name	Description/Comments	Map ID	Public Acceptance (1- LOW to 5-HIGH ACCEPTANCE)
04068 MYSTIC VLLY PY	Privately-owned parcel; Fellsway Plaza Trust contaminated site, undevelopable	04068 MYSTIC VLLY PY	
Middlesex Fells Reservation	DCR-owned public open space parcel; >100 acres of “suitable”, as per the desktop GIS screening for hydrology, slope, and bedrock factors. Article 97 protected site.	OS-038	
03002 MYSTIC VLLY PY	City-owned parcel; >40 acres of “suitable” area	AP-281	
Mystic River Reservation	DCR-owned public open space; >100 acres of “suitable” area. Article 97 protected site.	OS-036	
00520 FELLSWAY	MDC-owned parcel, >50 acres of “suitable” area	AP-295	
SOUTH BORDER RD	MDC-owned parcel, >31 acres of “suitable” area. Article 97 protected site.	AP-306	
Mystic Lakes land	DCR-owned public open space; >18 acres of “suitable” area	OS-031	
SOUTH BORDER RD	MDC-owned parcel, >12 acres of “suitable” area. Article 97 protected site.	AP-307	
FELLSWAY	MDC-owned parcel, >10 acres of “suitable” area	AP-294	
Mystic River Reservation	DCR-owned public open space; >6 acres of “suitable” area. Article 97 protected site.	OS-037	
FELLSWAY	MDC-owned parcel, >5 acres of “suitable” area	AP-297	
FELLSWAY	MDC-owned parcel, >3 acres of “suitable” area	AP-292	
Victory Park	City-owned parcel that has natural wetland area (possible expansion around programmed areas)	00000 WINTHROP ST	
I-93 highway ramp area	State DOT land (b/w ramp area)	near OS-036	
Mystic River Reservation	DCR-owned ~7.5 acre parcel; would require additional of flood storage within FEMA 100-year floodplain	OS-032	

Mystic River Reservation	DCR-owned ~5 acre parcel; would require additional of flood storage within FEMA 100-year floodplain	OS-033	
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Please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

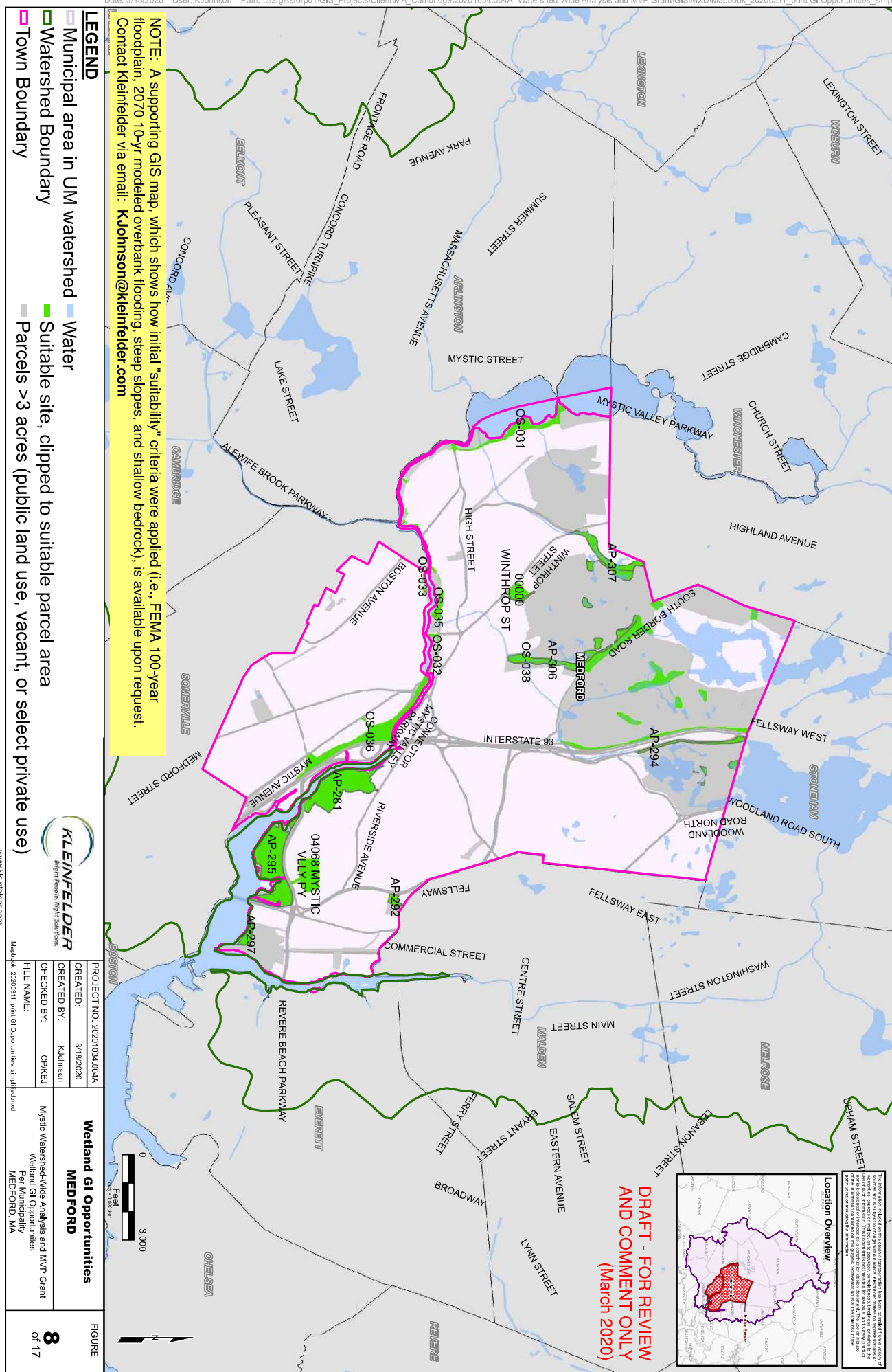
Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

Sincerely,
 Kyle Johnson, Kleinfelder
 Emily Sullivan, RMC Upper Mystic Stormwater Working Group, Town of Arlington

Kyle Johnson, E.I.T.
 Green Infrastructure & Climate Resiliency,
 Kleinfelder Water Resources Group

One Beacon Street, Suite 8100
 Boston, MA 02108

m | 773.614.3449



Kyle Johnson

From: Kyle Johnson
Sent: Friday, March 20, 2020 4:43 PM
To: Elena Proakis Ellis
Cc: 'Emily Sullivan'; 'Patrick Herron'
Subject: {Feedback Requested} Priority regional flood mitigation opportunities identified in Melrose ---Mystic MVP project
Attachments: Melrose_reference map [Mystic MVP].pdf; Project update flyer [Mystic MVP].pdf

Hi Elena,

Thank you for your participation thus far in the **Upper Mystic River MVP project**. Over the past 8 months, we have appreciated the feedback and data-sharing from all 17 Upper Mystic communities, incorporated these into our analysis, and are now looking to prioritize sites so we can produce 10% conceptual designs for regionally-significant green infrastructure projects by June 2020. We have identified several opportunities within the **City of Melrose** which may be considered for prioritization/concept design as part of the project's next steps.

We are looking for feedback in reviewing the opportunities identified in the City of Melrose.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified for a large constructed wetland (~3 acres or greater)**. Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The sites highlighted in the table below and **green** on the attached map have been identified to have significant potential. The site's Map ID (i.e., "AP-322") can be used to locate the site on the map. These sites include:

Address/Site Name	Map ID	Description/Comments	Public Acceptance (1-LOW to 5-HIGH ACCEPTANCE)
AARON ST	AP-322	MDC-owned parcel; Oakdale Park/Fellsway East	
585 LEBANON ST	AP-314	areas adjacent to Spot Pond; parcel jointly owned by Melrose/Wakefield	
Conant Playground	OS-049	Conant Playground non-ballfield areas	
Ell Pond	OS-046	Ell Pond; parts of parcel may be suitable for flood mitigation, but would require additional of flood storage within FEMA 100-year floodplain	
Ell Pond Park	OS-044	Ell Pond Park; parts of parcel may be suitable for flood mitigation, but would require additional of flood storage within FEMA 100-year floodplain	

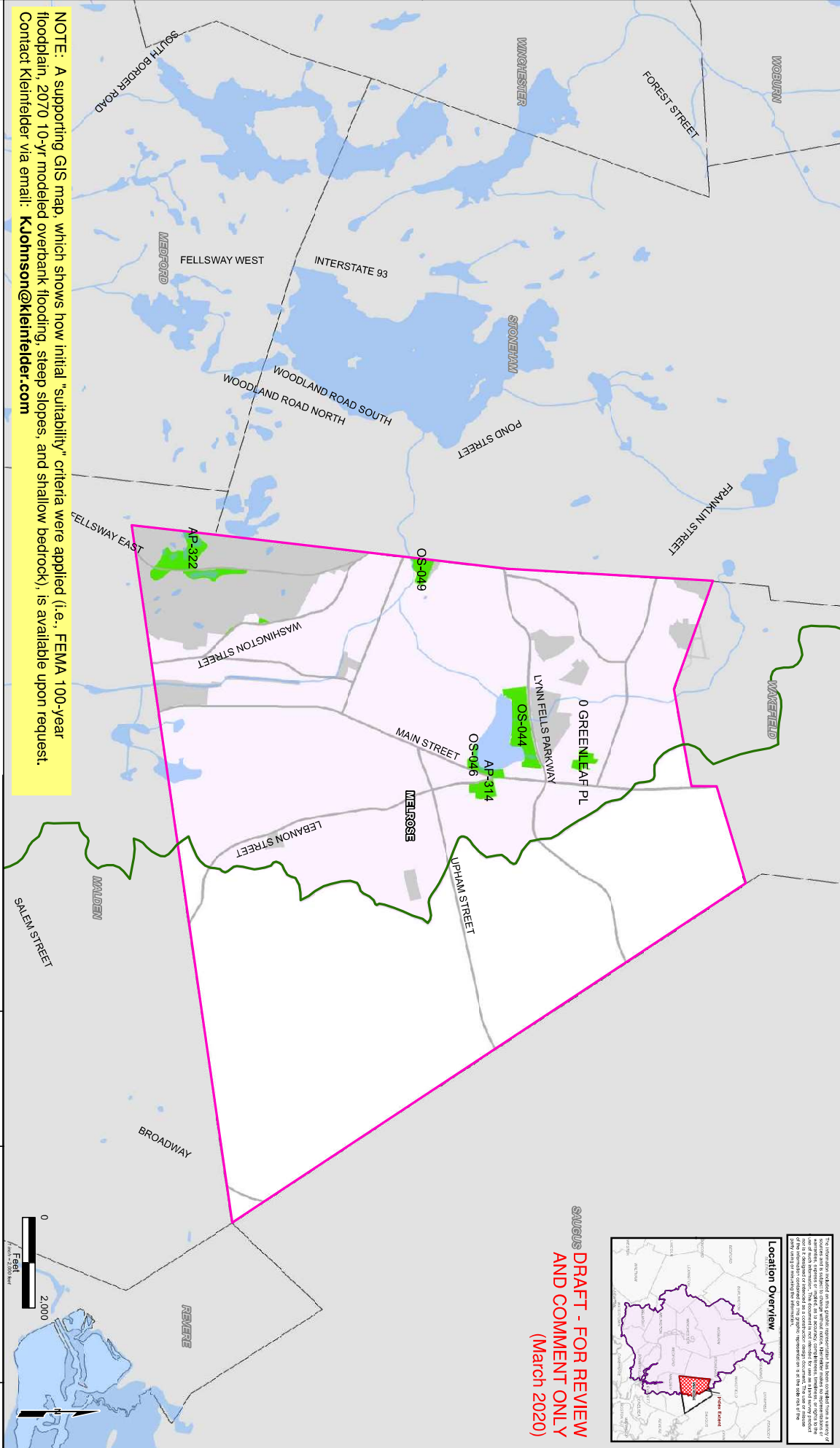
Please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

Kyle Johnson, E.I.T.
Green Infrastructure & Climate Resiliency,
Kleinfelder Water Resources Group

One Beacon Street, Suite 8100
Boston, MA 02108

m | 773.614.3449



NOTE: A supporting GIS map, which shows how initial "suitability" criteria were applied (i.e., FEMA 100-year floodplain, 2070 10-yr modeled overbank flooding, steep slopes, and shallow bedrock), is available upon request. Contact Kleinfelder via email: KJohnson@kleinfelder.com

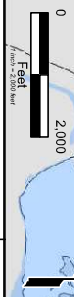
LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Parcels >3 acres (public land use, vacant, or select private use)
- Town Boundary

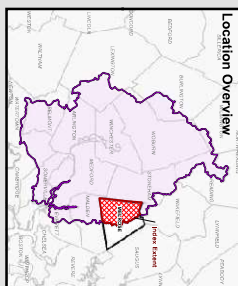


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PROJECT NO. 20201034.004A	CREATED: 3/18/2020	CREATED BY: KJohnson	CHECKED BY: CPKEL	FILE NAME: Mapbook_20200311_print GI Opportunities_simplified.mxd
Wetland GI Opportunities				FIGURE 9
MELROSE				of 17
Mystic Watershed-Wide Analysis and MVP Grant Wetland GI Opportunities Per Municipality MELROSE, MA				



STATUS
DRAFT - FOR REVIEW
AND COMMENT ONLY
(March 2020)



The information included in this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representation as to the accuracy or completeness of the information. This document is not intended to serve as a legal document or as a basis for any legal action. The information contained on this graphic representation is at the sole risk of the user.

Kyle Johnson

From: Kyle Johnson
Sent: Friday, March 20, 2020 5:30 PM
To: arozycki@ci.reading.ma.us; Percival, Ryan
Cc: Emily Sullivan; 'Patrick Herron'
Subject: {Feedback Requested} Priority regional flood mitigation opportunities identified in Reading ---Mystic MVP project
Attachments: Reading_reference map [Mystic MVP].pdf; Project update flyer [Mystic MVP].pdf

Hi Alex and Ryan,

Thank you for your participation thus far in the **Upper Mystic River MVP project**. Over the past 8 months, we have appreciated the feedback and data-sharing from all 17 Upper Mystic communities, incorporated these into our analysis, and are now looking to prioritize sites so we can produce 10% conceptual designs for regionally-significant green infrastructure projects by June 2020. We have identified several opportunities within the **Town of Reading** which may be considered for prioritization/concept design as part of the project's next steps.

We are looking for feedback in reviewing the opportunities identified in the Town of Reading.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified for a large constructed wetland (~3 acres or greater)**. Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The sites highlighted in the table below and **green** on the attached map have been identified to have significant potential. The site's Map ID (i.e., "AP-339") can be used to locate the site on the map. These sites include:

Address/Site Name	Map ID	Description/Comments	Public Acceptance (1-LOW to 5-HIGH ACCEPTANCE)
WEST ST	AP-339	Reading Open Land Trust site; >11 acres of “suitable” site area, as per the desktop GIS screening for hydrology, slope, and bedrock factors. Article 97 protected site.	
OAKLAND RD	AP-342	Town-owned parcel; >3 acres of “suitable” site area wooded areas around a parking lot	
Linnaca Thelin Bird Sanctuary	OS-050	Linnaca Thelin Bird Sanctuary; >11 acres of “suitable” site area. Article 97 protected site.	
Higgins Property	OS-053	Higgins Property; >9 acres of “suitable” site area. Article 97 protected site.	
BIRCH MEADOW	AP-58135	Town-owned parcel adjacent to Birch Meadow/Grove St parcels	
0 BIRCH MEADOW	0 BIRCH MEADOW	Town-owned parcel adjacent to Birch Meadow/Grove St parcels	
OFF GROVE ST	OFF GROVE ST	Town-owned parcel adjacent to Birch Meadow/Grove St parcels	
27 ARTHUR B LORD DR	AP-328	Town-owned parcel adjacent to Birch Meadow/Grove St parcels above; ~7 acres total but limited by slopes and shallow bedrock	
Maillet Sommes And Morgan Land	OS-056	Public open space parcel; >11 acres of “suitable” site area. Article 97 protected site.	
Sturges Park	OS-055	Public open space parcel; >6 acres of “suitable” site area	
Dicenzo	OS-052	Public open space parcel; >5 acres of “suitable” site area. Article 97 protected site.	
Xavier/Aberjona	OS-054	Public open space parcel; >3 acres of “suitable” site area	

Please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other

already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

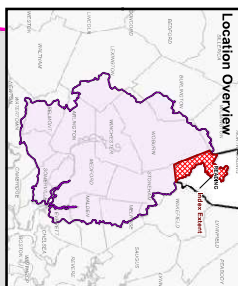
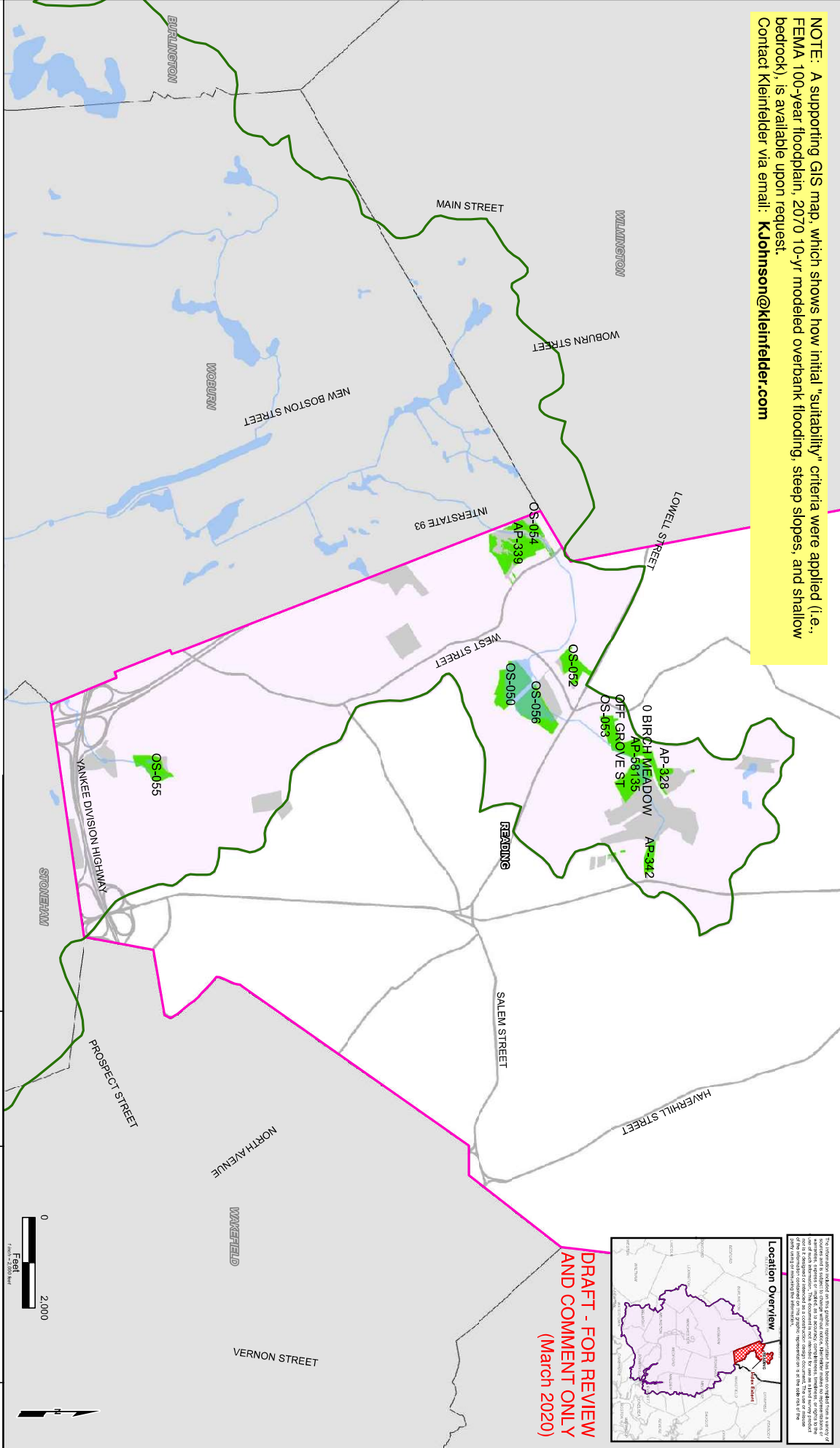
Sincerely,
Kyle Johnson, Kleinfelder
Emily Sullivan, RMC Upper Mystic Stormwater Working Group, Town of Arlington

Kyle Johnson, E.I.T.
Green Infrastructure & Climate Resiliency,
Kleinfelder Water Resources Group

One Beacon Street, Suite 8100
Boston, MA 02108

m | 773.614.3449

NOTE: A supporting GIS map, which shows how initial "suitability" criteria were applied (i.e., FEMA 100-year floodplain, 2070 10-yr modeled overbank flooding, steep slopes, and shallow bedrock), is available upon request.
Contact Kleinfelder via email: KJohnson@kleinfelder.com



DRAFT - FOR REVIEW
AND COMMENT ONLY
(March 2020)

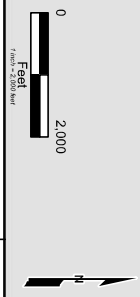
LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Town Boundary
- Parcels >3 acres (public land use, vacant, or select private use)

KLEINFELDER
Smart People. Right Solutions.

PROJECT NO. 2020\1034.004A	Wetland GI Opportunities READING
CREATED: 3/20/2020	
CHECKED BY: KJohnson	
FILE NAME: Mapbook_2020\0311_print GI Opportunities_simplified.mxd	Mystic Watershed Wide Analysis and MVP Grant Wetland GI Opportunities Per Municipality READING, MA

FIGURE 10 of 17



Kyle Johnson

From: Kyle Johnson
Sent: Friday, March 20, 2020 5:45 PM
To: BGonsalves@stoneham-ma.gov
Cc: Emily Sullivan; 'Patrick Herron'
Subject: {Feedback Requested} Priority regional flood mitigation opportunities identified in Stoneham ---Mystic MVP project
Attachments: Stoneham_reference map [Mystic MVP].pdf; Project update flyer [Mystic MVP].pdf

Hi Brett,

Thank you for your participation thus far in the **Upper Mystic River MVP project**. Over the past 8 months, we have appreciated the feedback and data-sharing from all 17 Upper Mystic communities, incorporated these into our analysis, and are now looking to prioritize sites so we can produce 10% conceptual designs for regionally-significant green infrastructure projects by June 2020. We have identified several opportunities within the **Town of Stoneham** which may be considered for prioritization/concept design as part of the project's next steps.

We are looking for feedback in reviewing the opportunities identified in the Town of Stoneham.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified for a large constructed wetland (~3 acres or greater)**. Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The sites highlighted in the table below and **green** on the attached map have been identified to have significant potential. The site's Map ID (i.e., "AP-416") can be used to locate the site on the map. These sites include:

Address/Site Name	Map ID	Description/Comments	Public Acceptance (1-LOW to 5-HIGH ACCEPTANCE)
170 FRANKLIN ST	AP-416	Weiss Farms, undeveloped private parcel; >17 acres of “suitable” area, as per the desktop GIS screening for hydrology, slope, and bedrock factors.	
OFF SPRING LN	AP-414	undeveloped private parcel; >6 acres of “suitable” area	
Lake Avenue Conservation Area	OS-066	Public open space parcel; >3 acres of “suitable” area. Article 97 protected site.	
149 FRANKLIN ST	AP-393	Article 97 protected area; >36 acres of “suitable” area. Near Stoneham High School; school and ballfields, some undeveloped space to South	
30 AVALON RD	AP-397	Article 97 protected area; >17 acres of “suitable” area. Near Colonial Park School; school and ballfields, some undeveloped space to South	

Please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

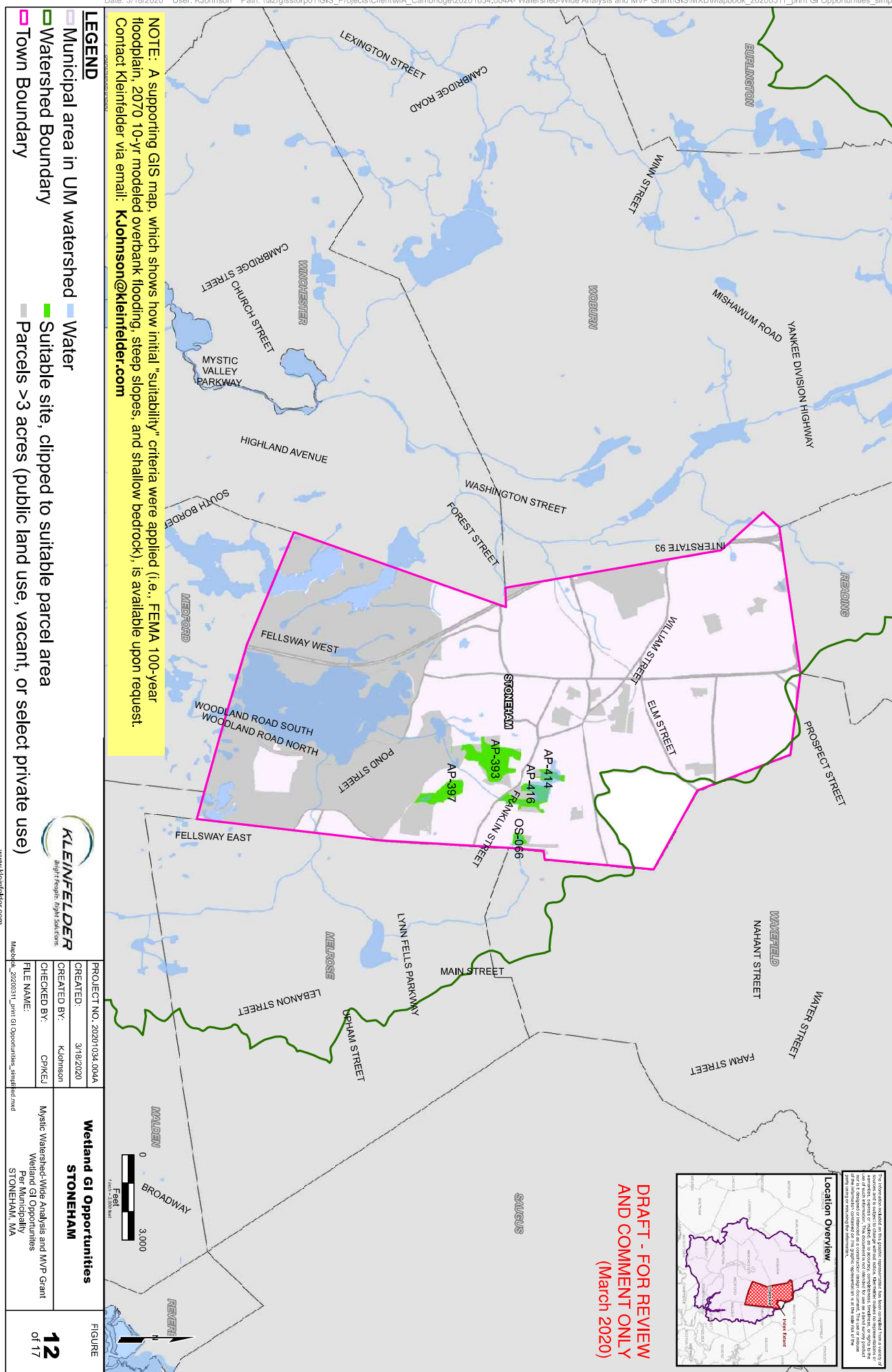
Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

Sincerely,
 Kyle Johnson, Kleinfelder
 Emily Sullivan, RMC Upper Mystic Stormwater Working Group, Town of Arlington

Kyle Johnson, E.I.T.
 Green Infrastructure & Climate Resiliency,
 Kleinfelder Water Resources Group

One Beacon Street, Suite 8100
 Boston, MA 02108

m | 773.614.3449



Kyle Johnson

From: Kyle Johnson
Sent: Friday, March 20, 2020 5:57 PM
To: palunni@wilmingtonma.gov; vgingrich@wilmingtonma.gov
Cc: Emily Sullivan; 'Patrick Herron'
Subject: {Feedback Requested} Priority regional flood mitigation opportunities identified in Wilmington ---Mystic MVP project
Attachments: Wilmington_reference map [Mystic MVP].pdf; Project update flyer [Mystic MVP].pdf

Hi Paul and Valerie,

Thank you for your participation thus far in the **Upper Mystic River MVP project**. Over the past 8 months, we have appreciated the feedback and data-sharing from all 17 Upper Mystic communities, incorporated these into our analysis, and are now looking to prioritize sites so we can produce 10% conceptual designs for regionally-significant green infrastructure projects by June 2020. We have identified several opportunities within the **Town of Wilmington** which may be considered for prioritization/concept design as part of the project's next steps.

We are looking for feedback in reviewing the opportunities identified in the Town of Wilmington.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified for a large constructed wetland (~3 acres or greater)**. Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The site highlighted in the table below and **green** on the attached map has been identified to have significant potential. The site's Map ID (i.e., "AP-446") can be used to locate the site on the map.

Address/Site Name	Map ID	Description/Comments	Public Acceptance (1-LOW to 5-HIGH ACCEPTANCE)
1 ANALOG WAY	AP-446	Privately-owned parcel; > 9 acres of "suitable" area, as per the desktop GIS screening for hydrology, slope, and bedrock factors. Site includes private stormwater BMP?	

Please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

Sincerely,
Kyle Johnson, Kleinfelder
Emily Sullivan, RMC Upper Mystic Stormwater Working Group, Town of Arlington

Kyle Johnson, E.I.T.
Green Infrastructure & Climate Resiliency,
Kleinfelder Water Resources Group

One Beacon Street, Suite 8100
Boston, MA 02108

m | 773.614.3449

Kyle Johnson

From: Kyle Johnson
Sent: Friday, March 20, 2020 6:52 PM
To: bcarignan@winchester.us; brudolph@winchester.us
Cc: Emily Sullivan; 'Patrick Herron'
Subject: {Feedback Requested} Priority regional flood mitigation opportunities identified in Winchester ---Mystic MVP project
Attachments: Winchester_reference map [Mystic MVP].pdf; Project update flyer [Mystic MVP].pdf

Hi Bryan and Beth,

Thank you for your participation thus far in the **Upper Mystic River MVP project**. Over the past 8 months, we have appreciated the feedback and data-sharing from all 17 Upper Mystic communities, incorporated these into our analysis, and are now looking to prioritize sites so we can produce 10% conceptual designs for regionally-significant green infrastructure projects by June 2020. We have identified several opportunities within the **Town of Winchester** which may be considered for prioritization/concept design as part of the project's next steps.

We are looking for feedback in reviewing the opportunities identified in the Town of Winchester.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified for a large constructed wetland (~3 acres or greater)**. Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The sites highlighted in the table below and **green** on the attached map have been identified to have significant potential. The site's Map ID (i.e., "AP-503") can be used to locate the site on the map. These sites include:

Address/Site Name	Map ID	Description/Comments
SHERIDAN CR	AP-503	Cutters Pond; >3 acres of “suitable” area, as per the desktop GIS screening hydrology, slope, and bedrock factors.
Washington Street Park	OS-087, AP-510	may be suitable for flood mitigation, but would require additional of flood storage within FEMA 100-year floodplain
0 SUNSET RD	AP-510	Privately-owned parcel adjacent to Washington Street Park (OS-087); may be suitable for flood mitigation, but would require additional of flood storage within FEMA 100-year floodplain
0 SKILLINGS RD	AP-495	non-ballfield areas; parts may be suitable for flood mitigation, but would require additional of flood storage within FEMA 100-year floodplain
0 WASHINGTON ST	AP-487	Leonard Field non-ballfield areas; parts may be suitable for flood mitigation, but would require additional of flood storage within FEMA 100-year floodplain
0 CROSS ST	AP-479	Davidson Park; may be suitable for flood mitigation, but would require additional of flood storage within FEMA 100-year floodplain
0 MIDDLESEX ST	AP-501	floodplain area northwest of Ciarcia Field; but would require additional of flood storage within FEMA 100-year floodplain
0 BRANTWOOD RD	AP-488	non-ballfield areas; parts may be suitable for flood mitigation, but would require additional of flood storage within FEMA 100-year floodplain
OFF MYSTIC VALLEY PW	AP-464	DCR-owned parcel adjacent to Upper Mystic Lake with >9 acres of “suitable” area
0 FOREST CR / 0 NORTH BORDER RD	AP-511, AP-512	Shannon Investment Trust land; terrain may require extensive earthwork to construct wetland GI project
0 WOODSIDE RD	AP-505	Winter Pond; 17-acre site but may have limited retrofit potential
0 RR THORNBERRY RD	AP-480	Town-owned parcel with ~16 acres of “suitable” area.
0 OLDE LYME RD	AP-483	Town-owned parcel with >3 acres of “suitable” area
0 JOHNSON RD	AP-496	Sachem Swamp; Town-owned parcel with >4 acres of “suitable” area. Located away from Aberjona main channel, may limit regional benefit
75 JOHNSON RD	AP-473	Town-owned parcel; ~6.5 acres of “suitable” area. Located away from Aberjona main channel, may limit regional benefit
0 HIGH ST	AP-482	Town-owned parcel; >4 acres of “suitable” area
38 50 RIDGE ST	AP-471	Privately-owned parcel; St Eulalia Parish sites has >4 acres of “suitable” area. Church and undeveloped land (“may have de-paving value”)
Middlesex Fells Reservation	OS-083	DCR-owned public open space parcel; >11 acres of “suitable” area by Long & Cranberry Trail

Please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working

Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

Sincerely,

Kyle Johnson, Kleinfelder

Emily Sullivan, RMC Upper Mystic Stormwater Working Group, Town of Arlington

Kyle Johnson, E.I.T.

Green Infrastructure & Climate Resiliency,

Kleinfelder Water Resources Group

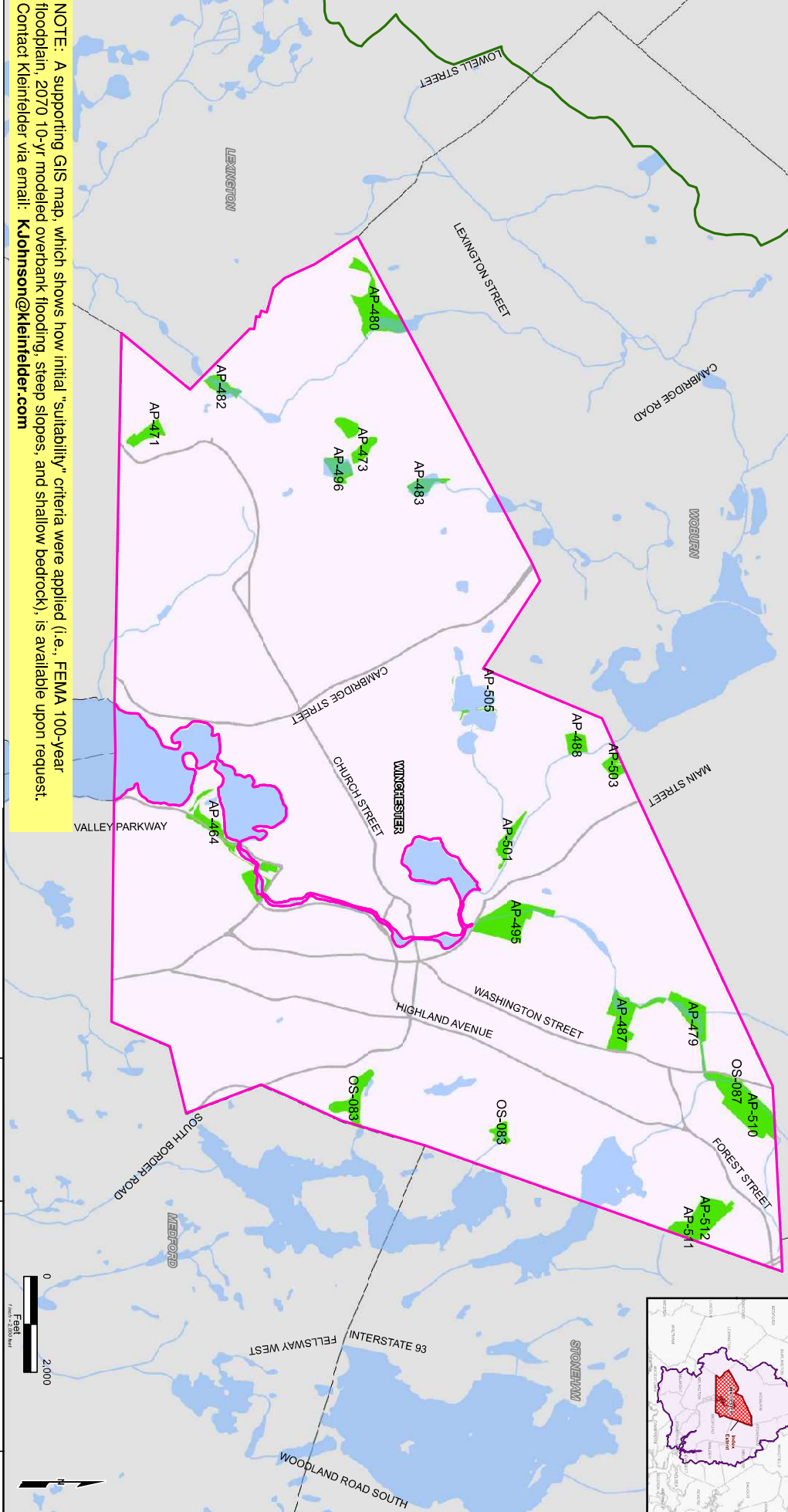
One Beacon Street, Suite 8100

Boston, MA 02108

m | 773.614.3449

DRAFT - FOR REVIEW
AND COMMENT ONLY
(March 2020)

BURLINGTON



NOTE: A supporting GIS map, which shows how initial "suitability" criteria were applied (i.e., FEMA 100-year floodplain, 2070 10-yr modeled overbank flooding, steep slopes, and shallow bedrock), is available upon request. Contact Kleinfelder via email: KJohnson@kleinfelder.com

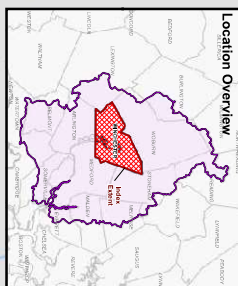
LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Town Boundary
- Parcels >3 acres (public land use, vacant, or select private use)



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PROJECT NO. 20201034.004A	CREATED: 3/19/2020	Wetland GI Opportunities	FIGURE 16 of 17
CHECKED BY: KJohnson	FILE NAME: Mapbook_20200311_print GI Opportunities_simplified.mxd	Wetland GI Opportunities	
CHECKED BY: CPKEL		Mythic Watershed-Wide Analysis and MVP Grant	
		Wetland GI Opportunities	
		Per Municipality	
		WINCHESTER, MA	



The information included on this graphic representation has been compiled from a variety of sources and is intended to provide a general overview of the project area. It is not intended to be used for any purpose other than general information. The information is not intended to be used for any purpose other than general information. The information is not intended to be used for any purpose other than general information.

Kyle Johnson

From: Kyle Johnson
Sent: Monday, March 23, 2020 9:17 AM
To: mbarrett@cityofwoburn.com; Corey, John E.; lburnham@cityofwoburn.com
Cc: Emily Sullivan; 'Patrick Herron'
Subject: {Feedback Requested} Priority regional flood mitigation opportunities identified in Woburn ---Mystic MVP project
Attachments: Woburn_reference maps [Mystic MVP].pdf; Project update flyer [Mystic MVP].pdf

Hi Matt, Jay, and Lenny,

Thank you for your participation thus far in the **Upper Mystic River MVP project**. Over the past 8 months, we have appreciated the feedback and data-sharing from all 17 Upper Mystic communities, incorporated these into our analysis, and are now looking to prioritize sites so we can produce 10% conceptual designs for regionally-significant green infrastructure projects by June 2020. We have identified several opportunities within the **City of Woburn** which may be considered for prioritization/concept design as part of the project's next steps.

We are looking for feedback in reviewing the opportunities identified in the City of Woburn.

Can you please estimate a Public Acceptance score (simple score of 1 to 5), which will be used to gauge your community's perception and likelihood of support for a project at these sites. **These sites have been identified for a large constructed wetland (~3 acres or greater)**. Your estimated score should consider both the public's acceptance of a proposed constructed wetland and the local government's likelihood of advocating for a constructed wetland project.

The sites highlighted in the table below and **green** on the attached map have been identified to have significant potential. The site's Map ID (i.e., "AP-801") can be used to locate the site on the map. These sites include:

Address/Site Name	Map ID	Description/Comments	Public / 5-HIGH
280 SALEM ST R	AP-801	adjacent to Superfund Site at Rifle Range Rd.; has ~4 acres of “suitable” area, as per the desktop GIS screening for hydrology, slope, and bedrock factors.	
WASHINGTON CIR	AP-91988	very large City-owned parcel >23 acres in total, but would require additional of flood storage within FEMA 100-year floodplain	
75 BEDFORD RD	AP-717	former site of Hurld Elementary School; >6 acres of “suitable” area	
WYMAN ST N / LOWELL ST	AP-747, AP-794	City-owned conservation land; >14 acres of “suitable” area between two parcels.	
COMMERCE WAY LOT 2	AP-800	City-owned parcel; may be suitable for flood mitigation, but would require additional of flood storage within FEMA 100-year floodplain	
INDUSTRIAL-PLEX	AP-725, AP-726, AP-771	Industrial-Plex site owned by Resources for Responsible Site Mgmt (~25 acres in total)	
NEW BOSTON ST R	AP-774	Privately-owned parcel adjacent to Industrial-Plex site (3.3 acres)	
134 COMMERCE WAY	AP-753	Industrial-Plex site owned by INDUSTRIPLEX WOBURN LLC; has ~3.5 acres of “suitable” area	
PRESIDENTIAL WAY	AP-755	Undeveloped private parcel owned by JAMITKOWSKI WALTER J JR, TRUSTEE; has ~7.5 acres of “suitable” area	
COMMERCE WAY W	AP-738, AP-740, AP-743, AP-744	BOSTON EDISON CO undeveloped parcels	
HILL ST	AP-622	Private parcel; former Kraft site > 57 acres in total	
CENTRAL ST R	AP-758	Private parcel; owned by Kraft with >3 acres of “suitable” area	
SCHOOL & MERRIMAC / FIFTH RD	AP-797, AP-798	City-owned parcels near Mishawum Lake; each with ~4 acres of “suitable” area	
NEW BOSTON & SCHOOL ST	AP-791	City-owned land	
MIDDLESEX CANAL PK	AP-767	Private parcel owned by NAI ENTERTAINMENT HOLDINGS LLC; undeveloped parcel >12 acres of “suitable” area --- may be private stormwater BMP?	
71 WYMAN ST	AP-748	Privately-owned vacant parcel > 4 acres (total); demolished church building and lot	
399 WASHINGTON ST	AP-734	Privately-owned vacant parcel > 4 acres (total); former car dealership	
Shaker Glen Area	OS-089	Shaker Glen Area has >18 acres of “suitable” area	
RUSSELL ST R / LIANA ST	AP-775, AP-783	5+ acre privately-owned parcel (AP-775) and City-owned parcel in Upper Shaker Glen area	

60 GREEN ST	AP-706	City-owned school and park area with >4 acres of “suitable” non-programmed area
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Please send us your Public Acceptance scores for the locations listed above by Friday, April 3, 2020 by filling in the table above. Based on your Public Acceptance scores, and other already established suitability criteria, we will recommend ~10 sites at the next Upper Mystic RMC workshop for design development.

Please see the attached project summary for more information about the suitability analysis used thus far to identify these parcels. These criteria were vetted during the RMC Upper Mystic Working Group meetings in October 2019 and January 2020. If you have any questions about these criteria, please email Kyle and/or Emily.

Sincerely,
 Kyle Johnson, Kleinfelder
 Emily Sullivan, RMC Upper Mystic Stormwater Working Group, Town of Arlington

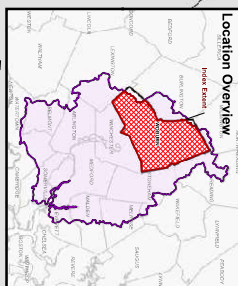
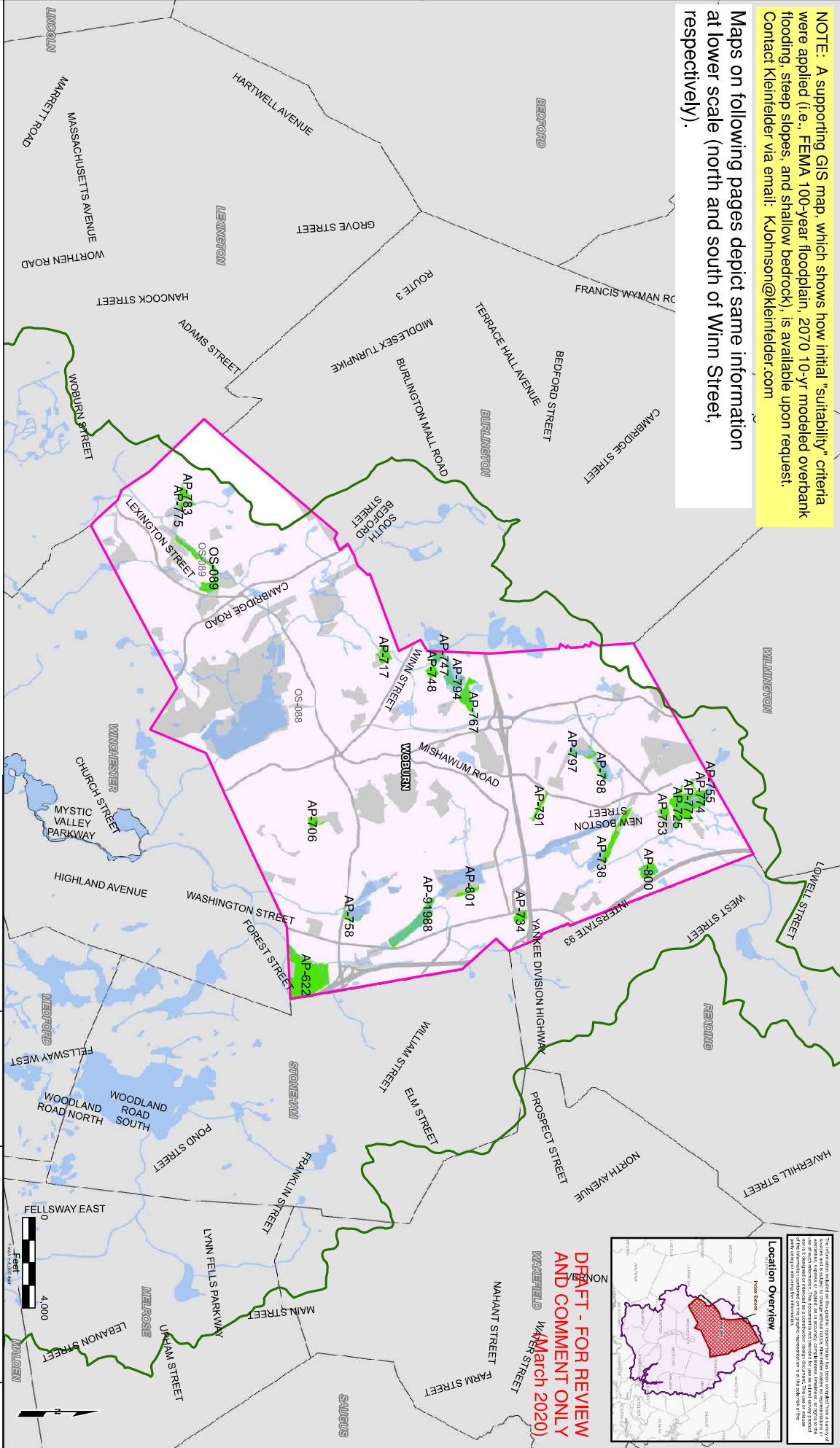
Kyle Johnson, E.I.T.
 Green Infrastructure & Climate Resiliency,
 Kleinfelder Water Resources Group

One Beacon Street, Suite 8100
 Boston, MA 02108

m | 773.614.3449

NOTE: A supporting GIS map, which shows how initial "suitability" criteria were applied (i.e., FEMA 100-year floodplain, 2070 10-yr modeled overbank flooding, steep slopes, and shallow bedrock), is available upon request. Contact Kleinfelder via email: KJohnson@kleinfelder.com

Maps on following pages depict same information at lower scale (north and south of Winn Street, respectively).



**DRAFT - FOR REVIEW
AND COMMENT ONLY**
March 2020

LEGEND

- Municipal area in UM watershed
- Water
- Watershed Boundary
- Suitable site, clipped to suitable parcel area
- Town Boundary
- Parcels >3 acres (public land use, vacant, or select private use)

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Integrating People, Place, and Policy

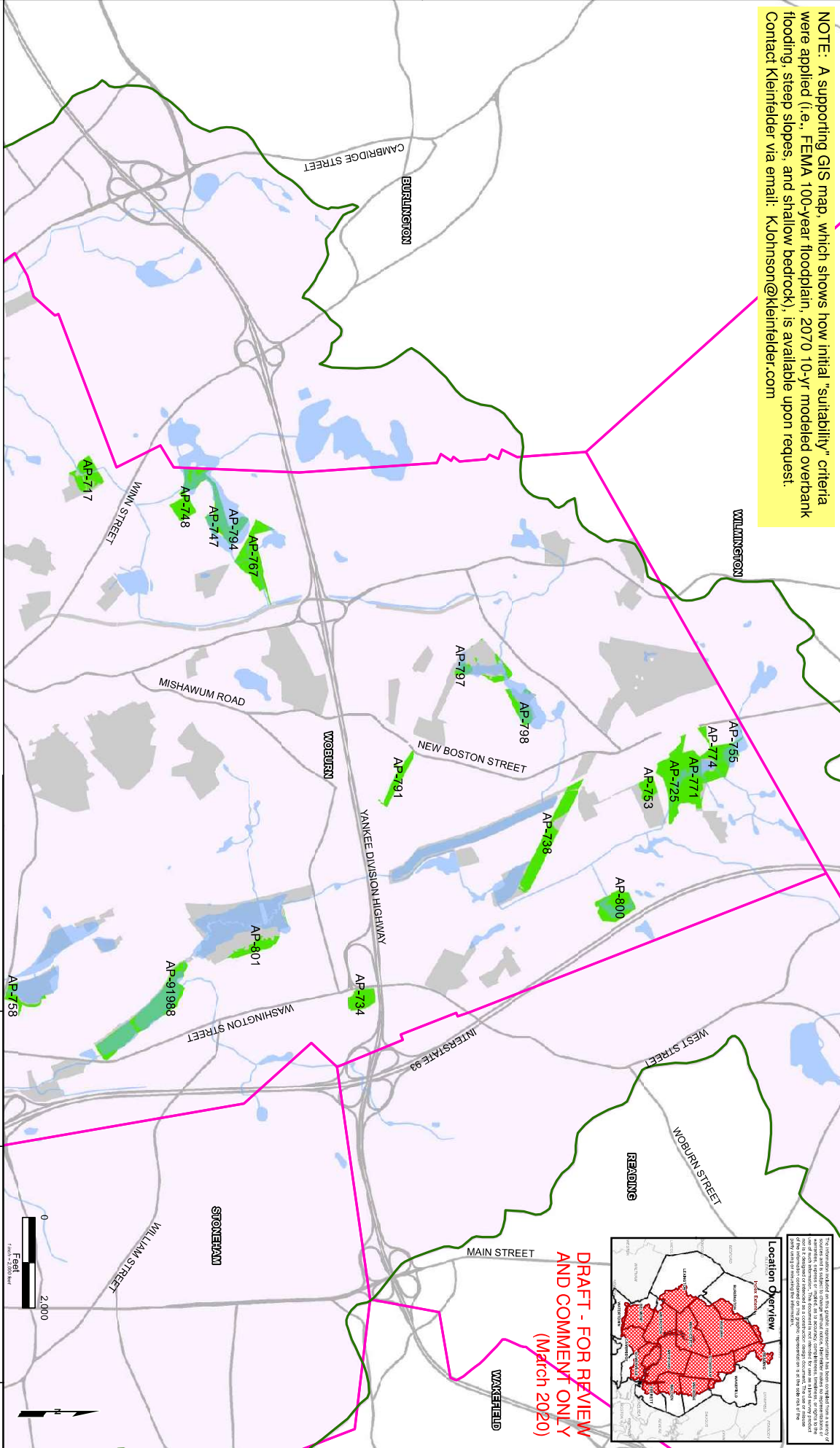
PROJECT NO. 20201034.004A
CREATED: 3/19/2020
CHECKED BY: KJohnson
FILE NAME: Mapbook_20200311_print GI Opportunities_simplified.mxd

Wetland GI Opportunities
WOBURN

Mystic Watershed-Wide Analysis and MVP Grant
Wetland GI Opportunities
Per Municipality
WOBURN, MA

FIGURE
17
of 17

NOTE: A supporting GIS map, which shows how initial "suitability" criteria were applied (i.e., FEMA 100-year floodplain, 2070 10-yr modeled overbank flooding, steep slopes, and shallow bedrock), is available upon request. Contact Kleinfelder via email: KJohnson@kleinfelder.com



LEGEND

- Municipal area in UM watershed
- Water
- Suitable site, clipped to suitable parcel area
- Parcels >3 acres (public land use, vacant, or select private use)
- Watershed Boundary
- Town Boundary

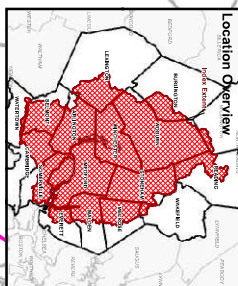
KLEINFELDER
Smart People. Right Solutions.

PROJECT NO. 20201034.004A
CREATED: 3/20/2020
CHECKED BY: KJohnson
FILE NAME: Mapbook_20200311_print GI Opportunities_simplified.mxd

Wetland GI Opportunity (North)
Wetland GI Opportunity Analysis and MVP Grant
Wetland GI Opportunity
Per Municipality, MA

FIGURE

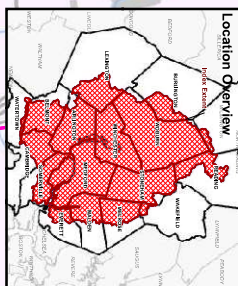
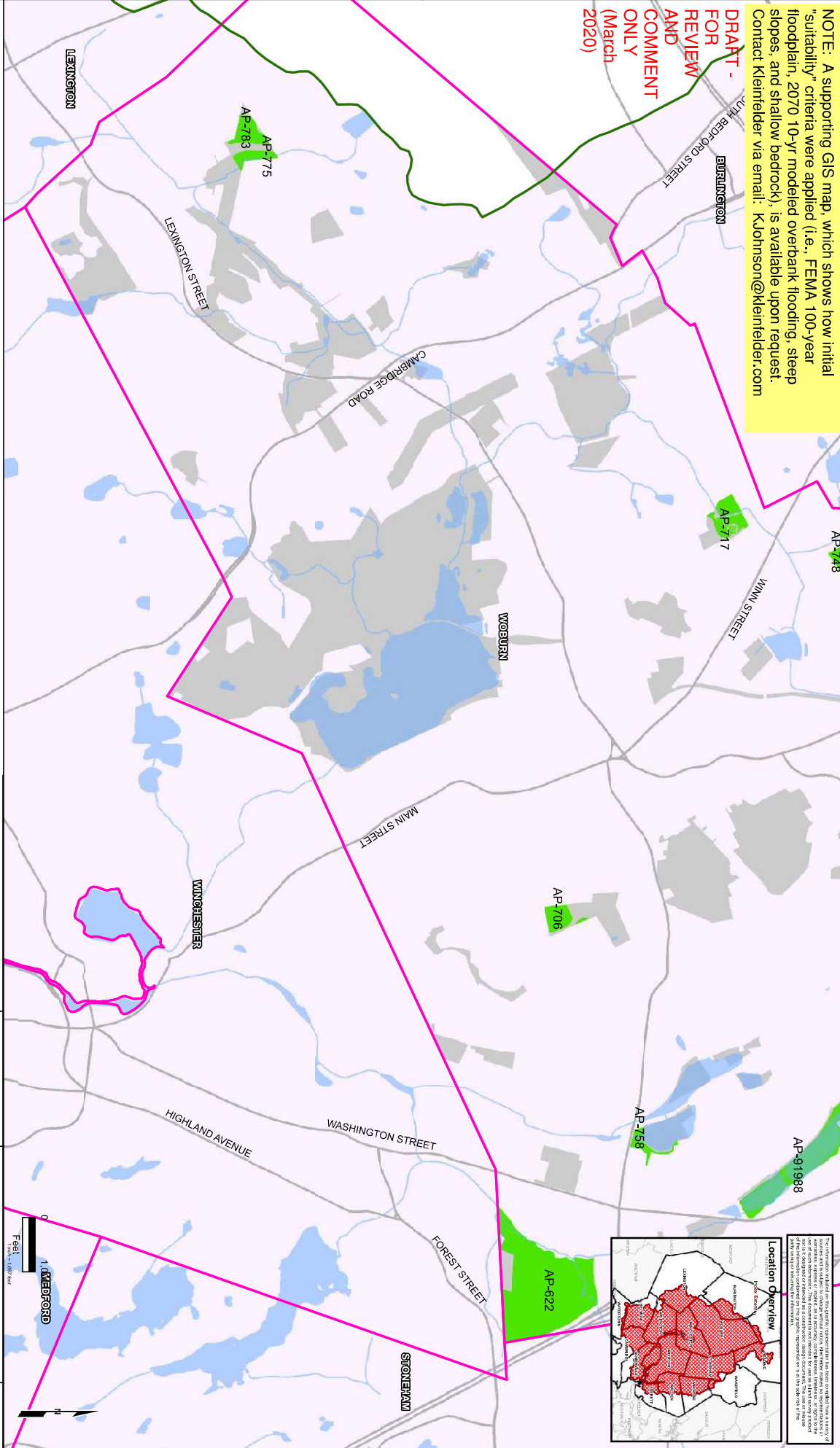
DRAFT - FOR REVIEW
AND COMMENT ONLY
(March 2020)



The information included in this graphic representation has been compiled from a variety of sources and is intended to provide a general overview of the project area. It is not intended to be used for any other purpose. The information is not intended to be used for any other purpose. The information is not intended to be used for any other purpose.

NOTE: A supporting GIS map, which shows how initial "suitability" criteria were applied (i.e., FEMA 100-year floodplain, 2070 10-yr modeled overbank flooding, steep slopes, and shallow bedrock), is available upon request. Contact Kleinfelder via email: KJohnson@kleinfelder.com

DRAFT -
FOR
REVIEW
AND
COMMENT
ONLY
(March
2020)



The information included in this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representation as to the accuracy or completeness of the information. This document is not intended to serve as a legal document. The information contained on this graphic representation is at the sole risk of the user.

LEGEND

- Municipal area in UM watershed
- Water
- Suitable site, clipped to suitable parcel area
- Parcels >3 acres (public land use, vacant, or select private use)
- Watershed Boundary
- Town Boundary

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Bright People. Right Solutions.

PROJECT NO. 20201034_004A

CREATED: 3/20/2020

CREATED BY: KJohnson

CHECKED BY: CPKEL

FILE NAME: Mapbook_20200311_print GI Opportunities_simplified.mxd

WOBURN (SOUTH)

Mystic Watershed-Wide Analysis and MVP Grant
Woburn GI Opportunities
Per Municipality
MA

FIGURE

Appendix K

Ranking Tool Dashboard and Supporting Materials

Identification of Top 20 sites using different scenarios of weighting criteria

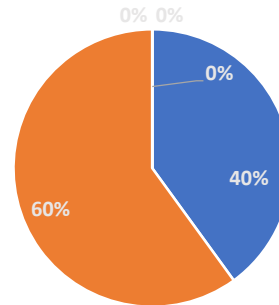
Rank	Site Name	Scenario 1	Scenario 2	Scenario 3
1	Site A	High	High	High
2	Site B	Medium	Medium	Medium
3	Site C	Low	Low	Low
4	Site D	High	Medium	Medium
5	Site E	Medium	High	High
6	Site F	Low	Medium	Low
7	Site G	High	Low	Medium
8	Site H	Medium	High	Low
9	Site I	Low	High	High
10	Site J	High	Medium	Medium
11	Site K	Medium	Low	High
12	Site L	Low	Medium	Medium
13	Site M	High	High	Low
14	Site N	Medium	Medium	High
15	Site O	Low	Low	Medium
16	Site P	High	High	High
17	Site Q	Medium	High	Medium
18	Site R	Low	Medium	Low
19	Site S	High	Low	High
20	Site T	Medium	Low	Medium



Number of Sites : 20

Ranking Criteria	Input Weights
Local Benefits to flood reduction	40%
Regional benefits to flood reduction	60%
Readiness (Ownership, Town Notes, Article 97)	0%
Equity (Social vulnerable population; proximity to existing parks)	0%
Ecosystem/Habitat restoration Potential	0%

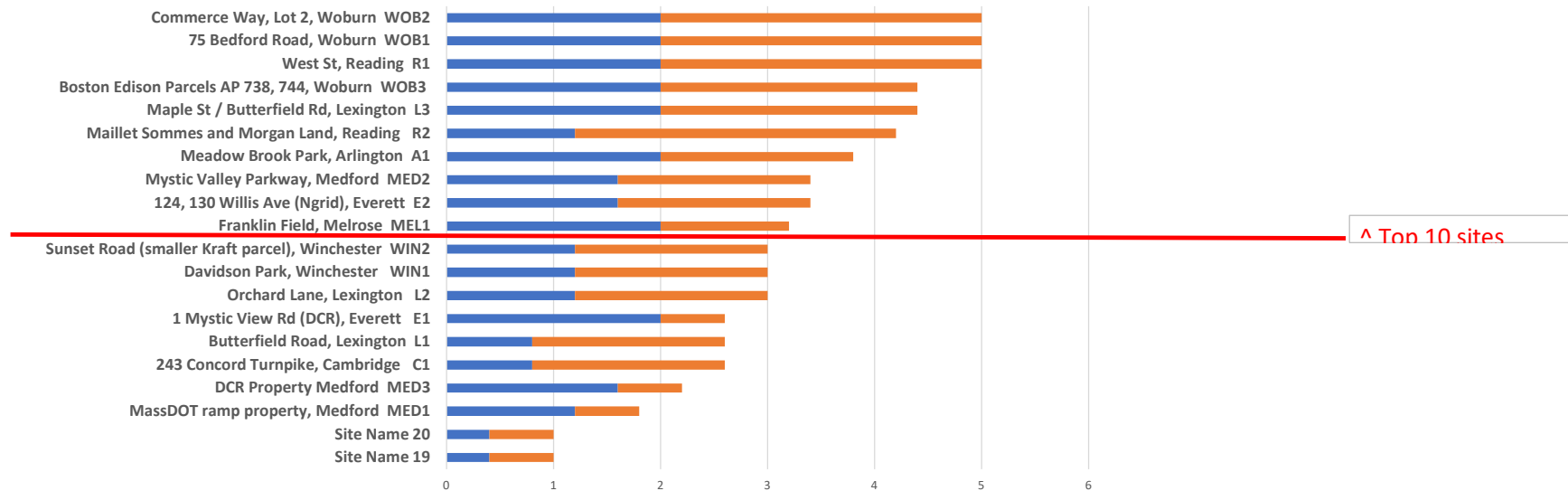
Sum check 100%



- Local Benefits to flood reduction
- Regional benefits to flood reduction
- Readiness (Ownership, Town Notes, Article 97)
- Equity (Social vulnerable population; proximity to existing parks)
- Ecosystem/Habitat restoration Potential

The chart below does not update automatically, please click the button to update after new scores are entered

Site Rankings



Site	Local Benefits to flood reduction	Regional benefits to flood reduction	Readiness (Ownership, Town Notes, Article 97)	Equity (Social vulnerable population; proximity to existing parks)	Ecosystem/Habitat restoration Potential
Meadow Brook Park, Arlington A1	5	3	5	1	2
243 Concord Turnpike, Cambridge C1	2	3	2	3	3
1 Mystic View Rd (DCR), Everett E1	5	1	1	5	2
124, 130 Willis Ave (Ngrid), Everett E2	4	3	1	5	4
Butterfield Road, Lexington L1	2	3	3	1	2
Orchard Lane, Lexington L2	3	3	3	1	5
Maple St / Butterfield Rd, Lexington L3	5	4	4	1	5
MassDOT ramp property, Medford MED1	3	1	1	4	3
Mystic Valley Parkway, Medford MED2	4	3	2	5	2
DCR Property Medford MED3	4	1	1	2	1
Franklin Field, Melrose MEL1	5	2	5	2	4
West St, Reading R1	5	5	3	3	2
Maillet Sommes and Morgan Land, Reading R2	3	5	3	3	1
Davidson Park, Winchester WIN1	3	3	5	4	2
Sunset Road (smaller Kraft parcel), Winchester WIN2	3	3	2	4	2
75 Bedford Road, Woburn WOB1	5	5	5	5	2
Commerce Way, Lot 2, Woburn WOB2	5	5	2	3	2
Boston Edison Parcels AP 738, 744, Woburn WOB3	5	4	1	2	4
McClennan Park, Arlington	3	2	1	2	2
Rivergreen Park, Everett	3	3	1	5	3
Bow St, Lexington	3	3	3	1	2
Howard Monroe Pl, Lexington	2	2	3	1	1
Blueberry Ln private parcel, Lexington	4	2	1	1	2
Rolfe Rd, Lexington	2	2	3	1	1
Fellway (DCR parcel), Medford	4	2	1	2	5
DCR Property/Mystic River Res. OS-037, Medford	2	1	1	2	4
Birch Meadow Ln, Reading	2	2	1	1	3
Off Mystic Valley Pkwy, Winchester	2	3	1	1	2
Middlesex Fells Reservation, Winchester	2	2	1	1	1
land adjacent to Winter Pond, Winchester	2	1	2	1	1
Boston Edison Parcel, AP 740, Woburn	3	4	1	4	3
Boston Edison Parcel, AP 743, Woburn	3	4	1	4	3
Fifth Rd, School & Merrimack, Woburn	3	5	3	3	1
private NAI Entertainment parcel, Woburn	3	3	1	2	1
134 Commerce Way private parcel, Woburn	3	3	1	3	3
Pine Banks Park, Malden					
170 Franklin St - Weiss Farms undeveloped, Stoneham					
off Spring Ln, Stoneham					
Lake Avenue Conservation Area, Stoneham					
149 Franklin St, Stoneham					
30 Avalon Rd, Stoneham					

Site	Local Benefits to flood reduction	Regional benefits to flood reduction	Readiness (Ownership, Town Notes, Article 97)	Equity (Social vulnerable population; proximity to existing parks)	Ecosystem/Habitat restoration Potential
Meadow Brook Park, Arlington A1	"definitely" per Town	discharges directly to Lower Mystic Lake, with no constrictions	Art. 97 (but most is wetland already), Town owned		
243 Concord Turnpike, Cambridge C1	limited benefit to Cambridge, may be some potential for local flood mitigation from Arlington side	downstream constrictions in Alewife Brook	private owned; identified by DCR as a parcel that would be strategic acquisition for Alewife Master Plan (2009) goals		Catherine Woodbury thinks this site has good potential for wetland restoration
1 Mystic View Rd (DCR), Everett E1	"some phrag" areas of this parcel may be good storage space by re-routing upstream storm system flow	adjacent to Amelia Earhart Dam (all the way at downstream end of watershed); <i>a good parcel to look at Sea level rise resiliency (but not the driver here)</i>	Wishful site; Greg St. Louis felt this was Everett's preferred parcel, however he acknowledges that it is "a stretch" since its DCR operated	located near vulnerable populations per Social Vulberability Index (SVI) by census tract	lots of phragmites
124, 130 Willis Ave (Ngrid), Everett E2	some undeveloped space could be better used for flood storage space by re-routing upstream storm system flow	discharges to Malden River, may have some benefit to communities located further south in Everett, but already at downstream end of watershed; <i>a good parcel to look at Sea level rise resiliency (but not the driver here)</i>	Greg St. Louis felt that a wetland GI project could expedite solution with Ngrid, however it seems this is a wishful idea given likely site contamination	located near vulnerable populations per Social Vulberability Index (SVI) by census tract	
Butterfield Road, Lexington L1	"could mitigate or solve a local flooding concern"	downstream constrictions in Arlington	Art. 97 site	score reflects that there is a lot of existing parkland in Lexington	"all forested area; southern lot has first order streams and headwaters" per Duke
Orchard Lane, Lexington L2	"could mitigate or solve a local flooding concern"; Duke Bitsko feels this is 2nd best of Lexington sites for doing so	downstream constrictions in Arlington	Art. 97 site	score reflects that there is a lot of existing parkland in Lexington	"existing uplands and wetlands; both in poor habitat" per Duke
Maple St / Butterfield Rd, Lexington L3	"could mitigate or solve a local flooding concern"; Duke Bitsko feels this is best of 3 Lexington sites for doing so	downstream constrictions in Arlington	Art. 97 site	score reflects that there is a lot of existing parkland in Lexington; "access thru existing Harrington School site" per Duke	"Great location for environmental education via Harrington School. Perhaps pick up dirtier runoff from Countryside development" per Duke
MassDOT ramp property, Medford MED1	some upstream catchments may benefit from floodwaters being redirected to this parce	limited regional benefit, would discharge to the lower basin upstream of Amelia Earhart Dam	Wishful site, no known commnuication with MassDOT	some upstream EJ communities may benefit from catchment floodwaters being redirected to this parcel	
Mystic Valley Parkway, Medford MED2	some upstream catchments may benefit from floodwaters being redirected to this parce	may have some regional benefit if more water is re-routed here and detained prior to release to lower basin upstream of Amelia Earhart Dam	private site; Medford communicated MyRWA has interest in this parcel for wetland opportunity, but no further communication	some upstream EJ communities; good opportunity for increased public waterfront access and wetand project	existing wetland, but quality not known (prior contamination site)
DCR Property Medford MED3	may have some benefitt to upstream flood areas, in combination with Tufts Park tank project	limited regional benefit, would discharge to the lower basin upstream of Amelia Earhart Dam	Wishful site, no known commnuication with DCR	some upstream EJ communities may benefit from catchment floodwaters being redirected to this parcel	
Franklin Field, Melrose MEL1	"This location definitely has the potential to provide both stormwater quantity and quality issues in the watershed."	upstream of Ell Pond; downstream from Ell Pond benefits are dependent upon Pond discharge into channelized buried segment upstrem of Malden River	Art. 97 site, but Town started pursuing grant (unsuccessfully) for water quality project here	located in existing park, not creating new Open Space	
West St, Reading R1	"Most desirable location, our largest flooding issue is upstream near the entrance to Austin Prep."	parcels are upstream of Woburn, and then heavy channelized Aberjona, if opportunity is large enough may benefit Woburn	"Town has considered adding better access"	"Town has considered adding better access"	
Maillet Sommes and Morgan Land, Reading R2	"Potential opportunity and second most likely, upstream of localized flooding at Austin Prep."	parcels are upstream of Woburn, and then heavy channelized Aberjona, if opportunity is large enough may benefit Woburn	Art. 97 protected, some is bird sanctuary area	"Could expand recreation opportunities following work."	
Davidson Park, Winchester WIN1	Some potential for additional flood storage at this site. Already fully within FEMA floodplain.	upstream of channelized segment leading into Upper Mystic Lake, downstream from Mystic Dam benefits are dependent upon operations of Dam; most immediate benefit is to Town	NRD Grant funding has been secured (may be part of potential Match funding). Town has looked a 3 re-design options for this park, including river restoration (which is preferred).	located in existing park, not creating new Open Space, but perhaps better space along Aberjona; located near vulnerable populations per SVI	
Sunset Road (smaller Kraft parcel), Winchester WIN2	Mostly within FEMA 500-year floodplain. Town says there could be local benefit, but not studied due to private parcel	upstream of channelized segment leading into Upper Mystic Lake, downstream from Mystic Dam benefits are dependent upon operations of Dam; most immediate benefit is to Town	Town would need to get private owner to agree. Discussions began 2 years ago. Town has discussed a potential conservation restriction, but not movement.	located near vulnerable populations per Social Vulberability Index (SVI) by census tract	
75 Bedford Road, Woburn WOB1	"definitely" per City	large parcel in tributary to Horn Pond, benefits downstream from Horn Pond are dependent upon Horn Pond discharges	City-owned parcel without Art 97 protection	located near vulnerable populations per Social Vulberability Index (SVI) by census tract that are also within modeled flood areas	
Commerce Way, Lot 2, Woburn WOB2	"definitely" per City	parcel is offline storage from heavy channelized Aberjona, if opportunity is large enough may benefit Winchester and potentially Reading too (culverted FEMA floodplain upstream)	City-owned parcel without Art 97 protection		
Boston Edison Parcels AP 738, 744, Woburn WOB3	"definitely" per City	parcels are upstream of heavy channelized Aberjona, if opportunity is large enough may benefit Winchester	wishful site, no		

Appendix **L**

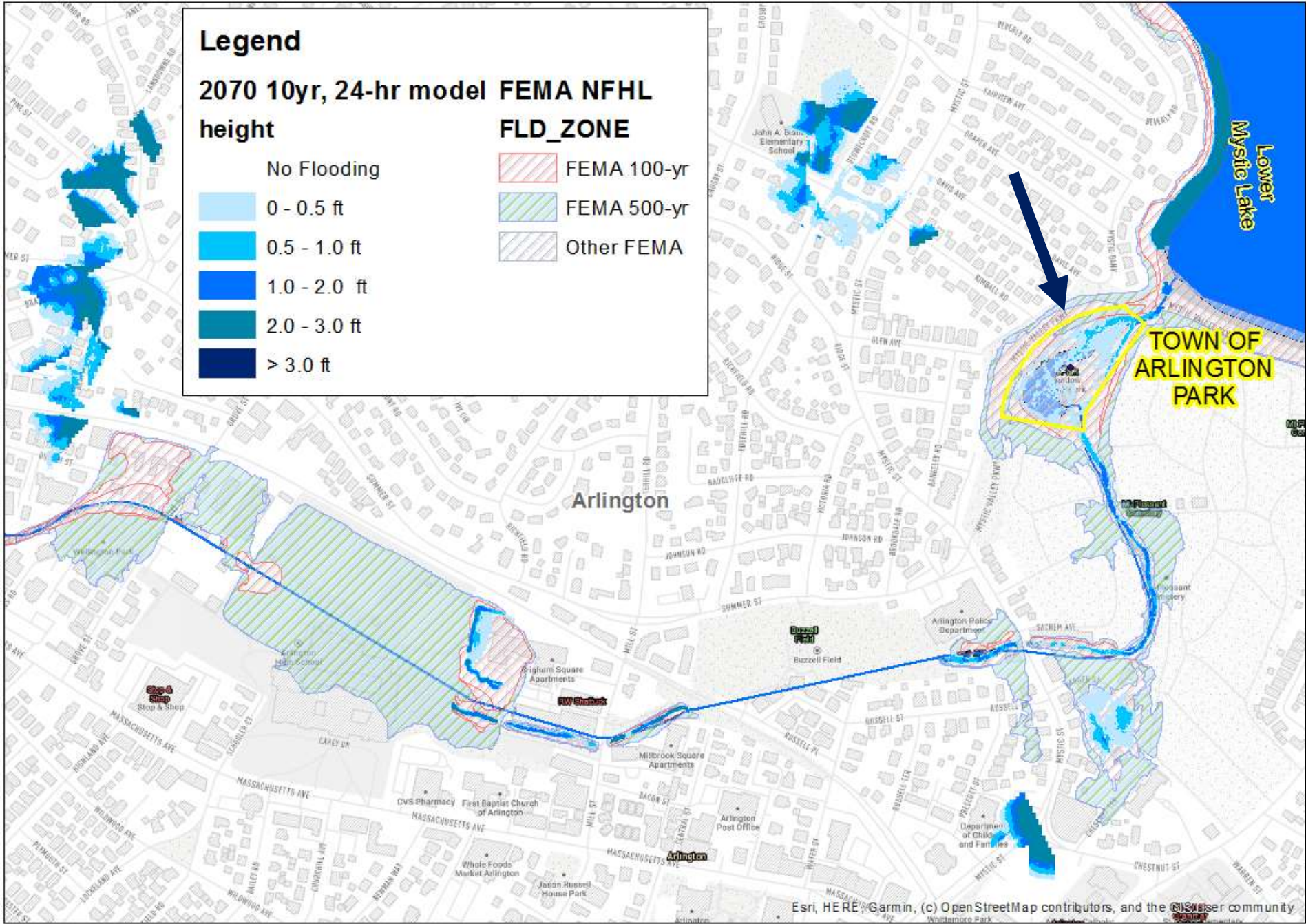
Task 3-2 Feedback on Top 35 watershed opportunities (One-Pager Summaries)



Arlington – site 1 (of 2)

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
Meadowbrook Park KLF_ID: AP-027	Town of Arlington	~3.75 acres	Potential for flood storage. If there is benefit w/o loss of usable space, public may be amenable.

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	4	5	3

Existing Slope, Soils	Article 97 protection status	Public Acceptance
1	5	5

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
2	1	5

Scoring Notes

- Site is mostly within FEMA 100-yr flood zone, with portions in FEMA 500-yr zone, and modeled 2070 10-year flooding on-site. The site downstream of flood areas in the Mill Brook subcatchment, and the site discharges to Lower Mystic Lake.
- The site contains some slopes >6% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the least vulnerable quartile per CDC's Social Vulnerability Index (x < 0.25, out of 1.0).
- The opportunity is located within an existing park (public open space) with greater connectivity or greenway potential.

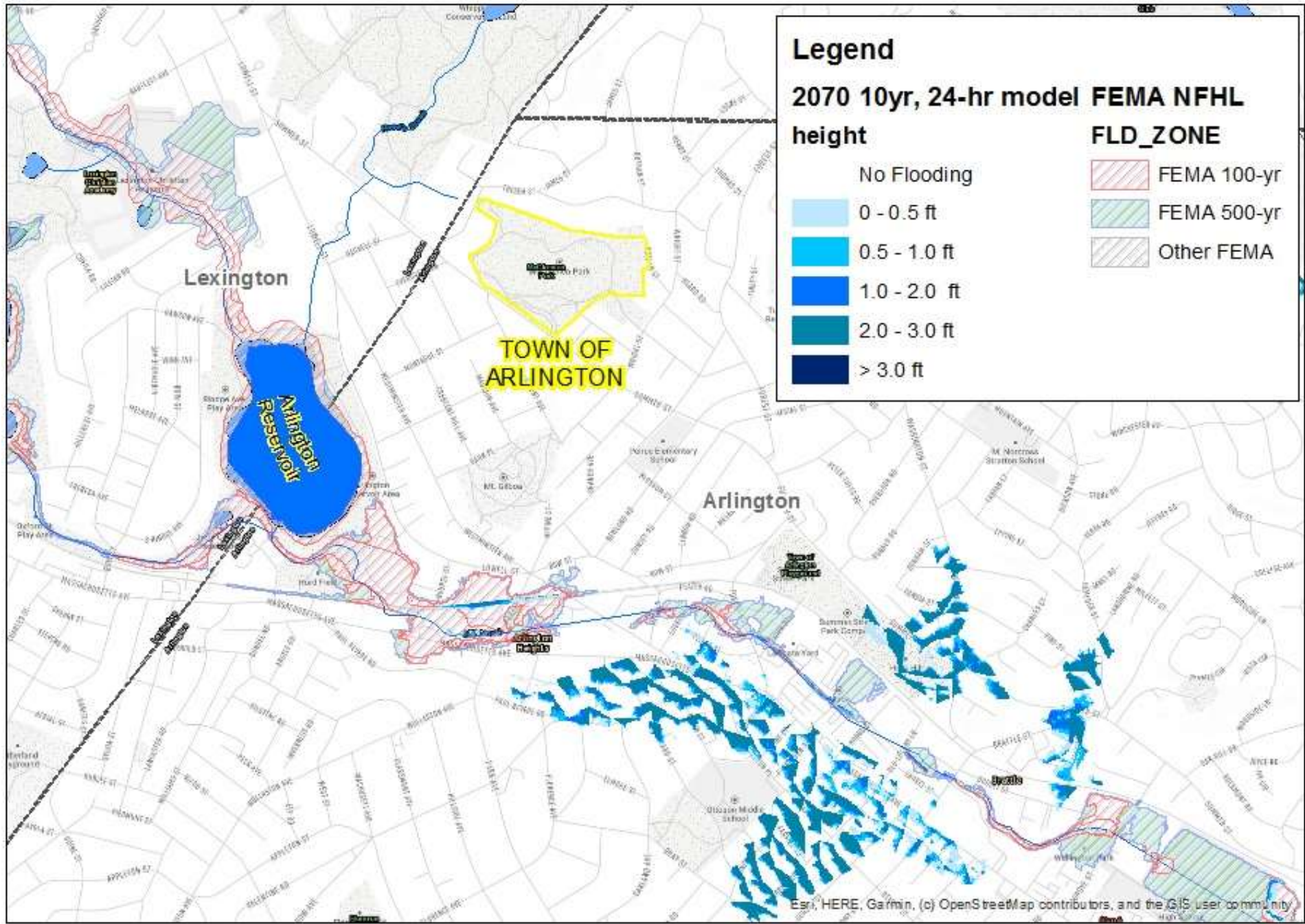
Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☒ Potentially ☐ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Not recommended because possible benefit of flood mitigation would be negated by requirements to deal with the underground contamination/landfill.

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
McClennan Park KLF_ID: AP-007	Town of Arlington	~3-4 acres (of 20+ acre parcel)	Need to examine if any exclusions to future work were part of past detention BMP project.

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
1	3	1	3

Existing Slope, Soils	Article 97 protection status	Public Acceptance
3	5	4

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
3	3	5

Scoring Notes

- Site is not within or adjacent to FEMA flood zones, but within a half mile or 2070 modeled flooding. The site is in the mid- to upstream reaches of Mill Brook subcatchment.
- The site contains slopes between 3-6% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the middle range per CDC’s Social Vulnerability Index (0.5 < x 0.75, out of 1.0).
- The opportunity is located within an existing park (public open space).

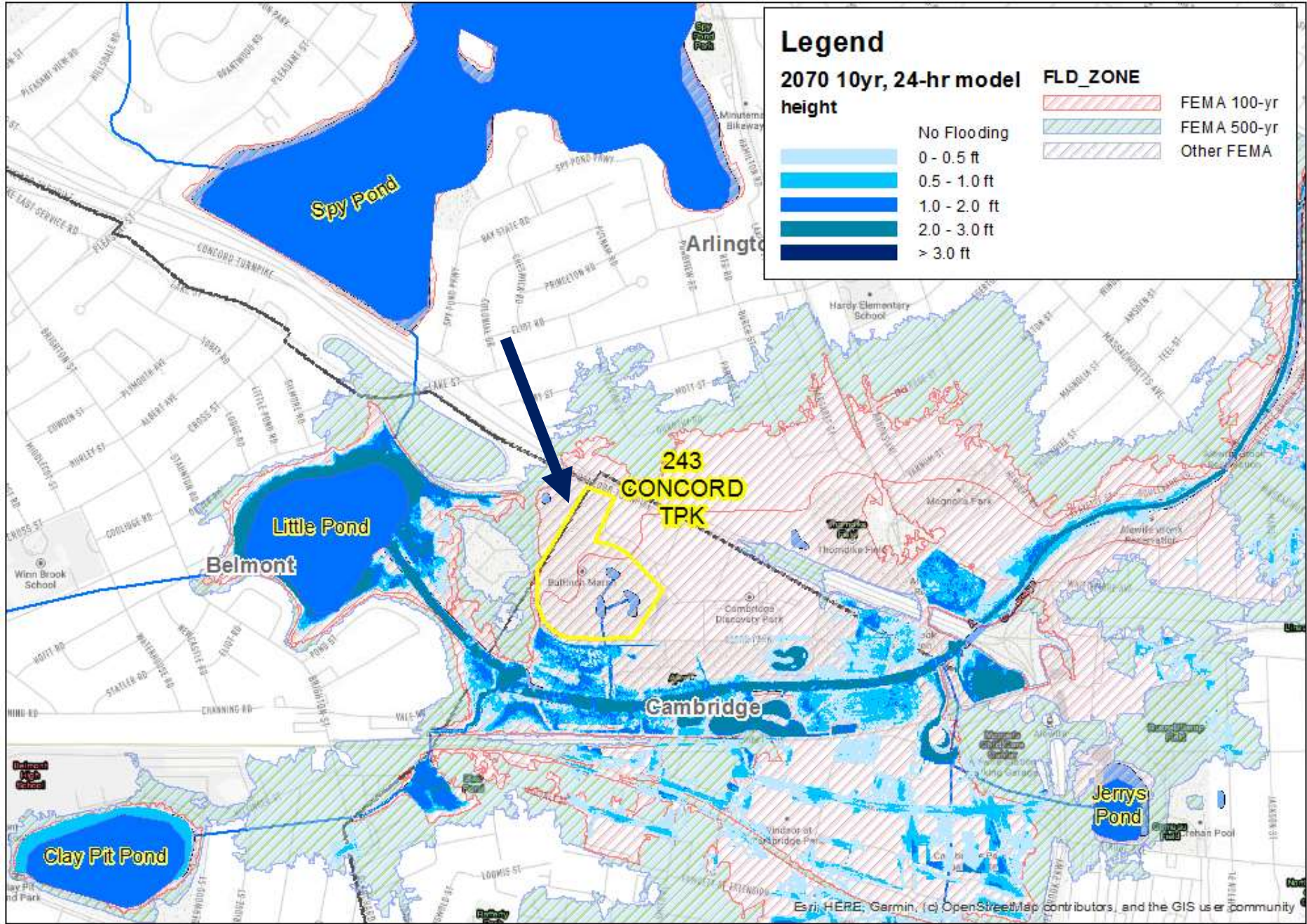
Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☐ No ☒

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology.
For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment.
When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

broad overlap with DCR Alewife Master Plan
(proposed acquisition and new gateway location)

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
243 CONCORD TPK (Bulfinch Marsh) (KLF_ID: AP-140)	Private parcel (AP CAMBRIDGE PARTNERS, LLC. TR.) Martignetti Property "proposed acquisition" per DCR Alewife Master Plan	>3 acres (of ~12 acre parcel)	Potential for larger wetland restoration (dredging/phragmite open space amenities like constructed wetland) see emails b/w Catherine Woodbury and Emily Sullivan, may be some potential for Arlington local flood mitigation

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	5	3	3
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
5	5	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
1	3	5

Scoring Notes

- Site completely within FEMA 100-yr flood zone, with modeled 2070 10-year flooding in immediate vicinity. The site is in a low-lying area in the Alewife Brook subcatchment.
- The site contains flat slopes <3% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- Existing condition is mostly HD wetland/woodland, with some areas classified by BioMap2 as “critical natural communities.”
- The site is in a census tract that scores in the middle range per CDC’s Social Vulnerability Index (0.5 < x 0.75, out of 1.0).
- The opportunity is located within 500 feet the Alewife Brook and near Alewife Brook Reservation.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

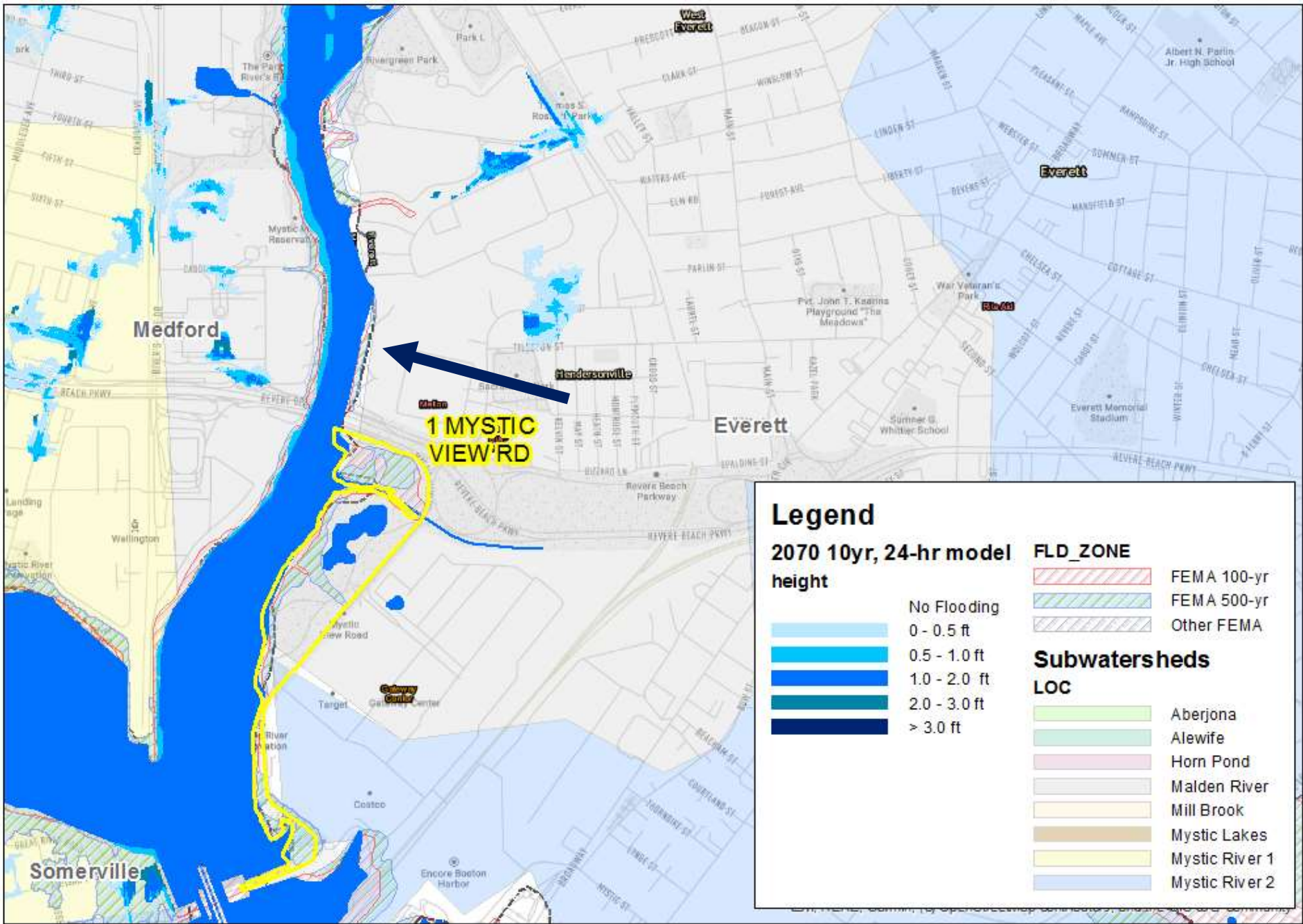
For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology.
For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment.
When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

but from Arlington side, not
Cambridge

Everett – site 1 (of 3)

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
2 MYSTIC VIEW RD KLF_ID: AP-157	Private parcel (DDRC GATEWAY LLC)	23+ acre parcel	DCR-controlled site. Adjacent to former contaminated site status unknown. Preferred site to the City.

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	4	5	1
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
3	5	5	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
2	5	5

Scoring Notes

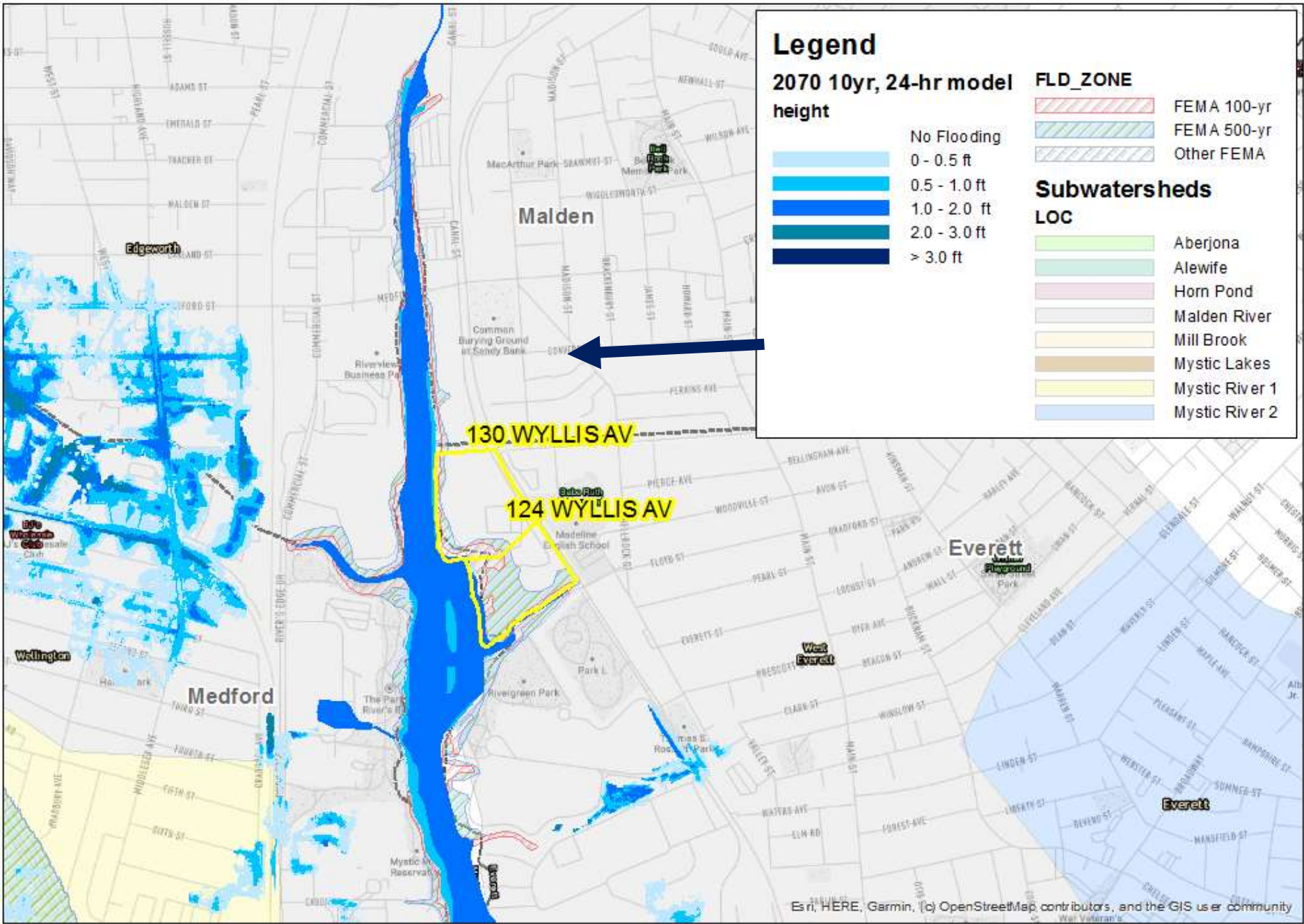
- Site contains areas within FEMA 100-yr and FEMA 500-yr flood zones. The site is at downstream end of Malden River subcatchment, adjacent to the Amelia Earhart Dam.
- The site is undeveloped and contains slopes between 3- 6% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the most vulnerable quartile per CDC’s Social Vulnerability Index (x > 0.75, out of 1.0) that also has modeled piped infrastructure flooding.
- The opportunity is located immediately adjacent to waterfront with greater connectivity or greenway potential as public open space.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology.
For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment.
When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
124, 130 Wyllis Ave KLF_ID: AP-155, AP-156	Private parcels (NATIONAL GRID)	~8 acres (undeveloped portions of parcels) based on current conditonns; does not reflect NGRID plans to parcel re-development	If the area along the NGRID site could be used, this may expedite a solution for private site project along river.

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	4	5	1
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
5	5	4	

limited regional benefit given location

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
4	5	5

Scoring Notes

- Site is mostly within FEMA 100-yr flood zone, with portions in FEMA 100-yr zone. The site is in the lower portion of the Malden River subcatchment.
- The site contains flat slopes <3% and is not protected site use under Article 97 (per MassGIS Open Space layer), however is private use by owner. Mid- to high habitat restoration potential.
- The site is in a census tract that scores in the most vulnerable quartile per CDC's Social Vulnerability Index (x > 0.75, out of 1.0) that also has modeled piped infrastructure flooding.
- The opportunity is located immediately adjacent to waterfront with greater connectivity or greenway potential as public open space.

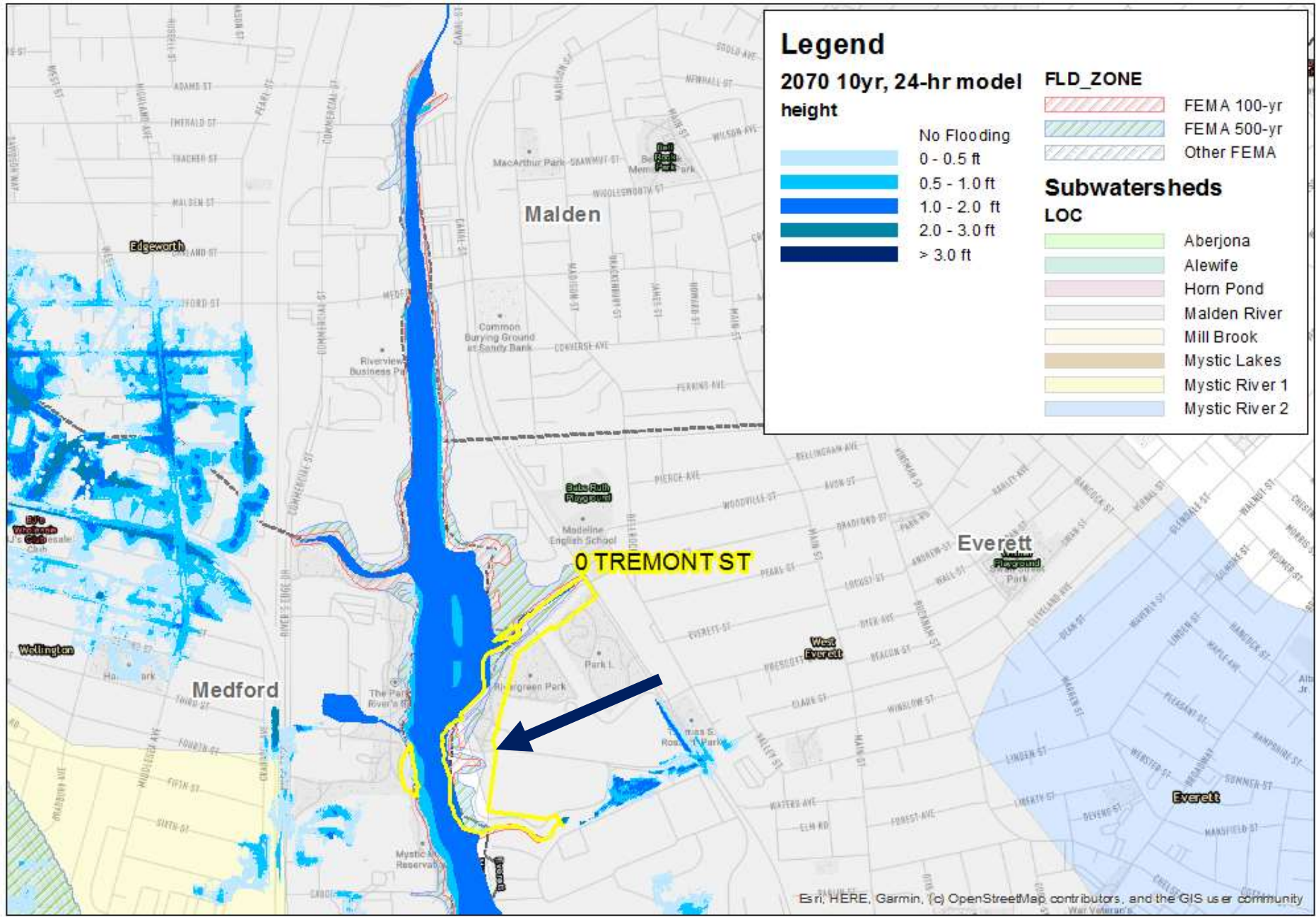
Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☒ Potentially ☐ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Everett – site 3 (of 3)

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
Rivergreen Park KLF_ID: AP-167	68 TREMONT STREET LLC	11-acre undeveloped parcel	MWRA siphon under the river prohibits excavation. 2nd alternative boathouse site. Uncapped GE contaminated site. Lots of scrub brush and phrases to remove. Adj. to future req. ch 91 ngrid project.

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	4	5	1
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
3	5	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
3	5	5

Scoring Notes

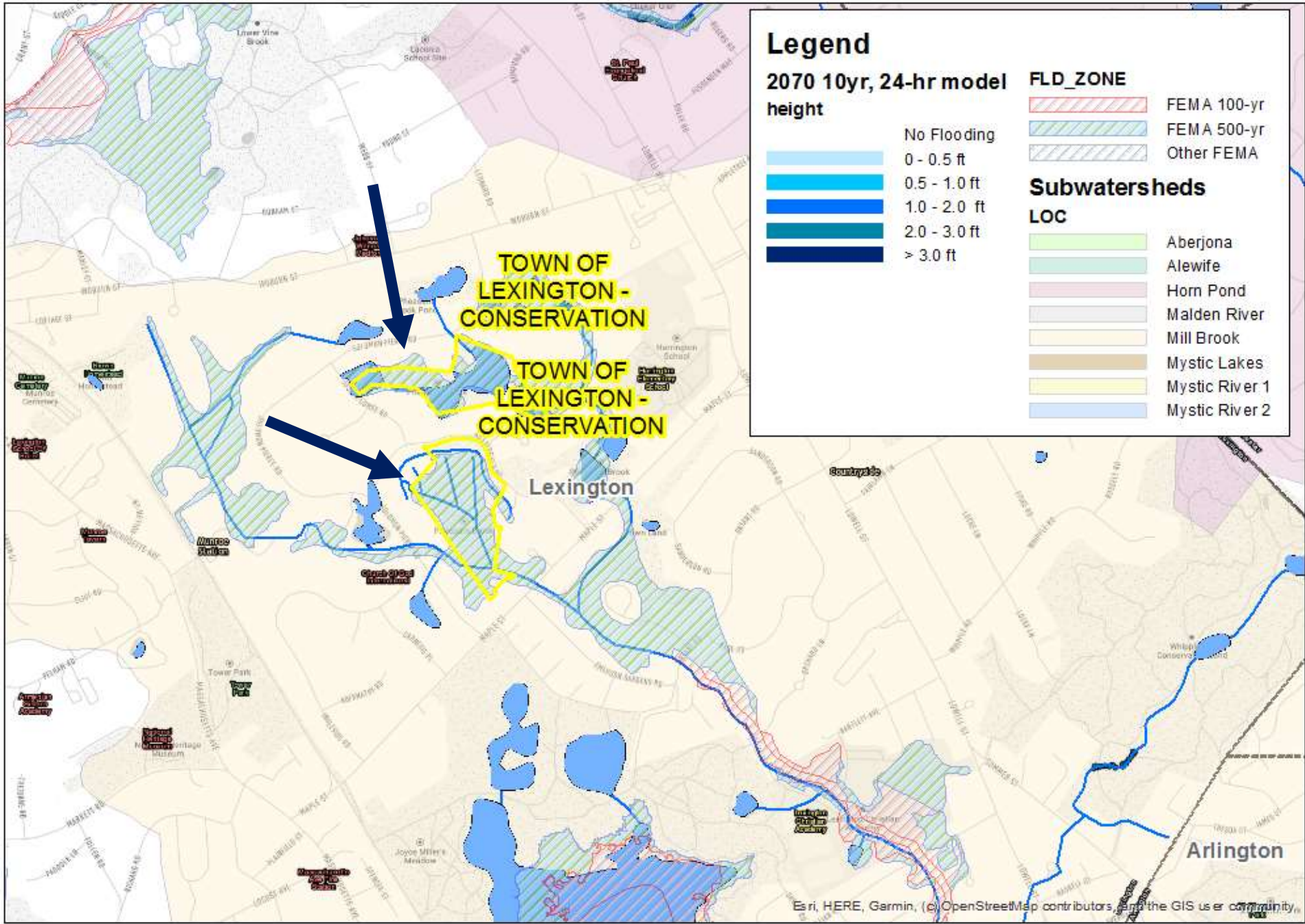
- Site is mostly within FEMA 100-yr flood zone, with portions in FEMA 100-yr zone. The site is in the lower portion of the Malden River subcatchment.
- The site is undeveloped and contains slopes between 3- 6% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the most vulnerable quartile per CDC’s Social Vulnerability Index ($x > 0.75$, out of 1.0) that also has modeled piped infrastructure flooding.
- The opportunity is located immediately adjacent to waterfront with greater connectivity or greenway potential as public open space.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology.
For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment.
When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
BUTTERFIELD RD KLF_ID: AP-204, AP-206	TOWN OF LEXINGTON - CONSERVATION	12- and 10-acre parcels	Cons Comm ownership

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
3	3	1	3
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
5	5 1	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
5, 2 (AP-206)	2	5

Scoring Notes

- Sites are mostly within FEMA 500-yr flood zone. Modeled 2070 10-year flooding was not present in this location, however model resolution and piped infrastructure was limited in this area. Located in upper reaches of Mill Brook subcatchment.
- The site contains flat slopes <3% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- Site AP-204 scored high for land cover/habitat restoration potential.
- The site is in a census tract that scores in the low-middle range per CDC’s Social Vulnerability Index (0.25 < x 0.5, out of 1.0).
- The opportunity is along a primary tributary to Mystic River, with potential for increased connectivity/public open space.

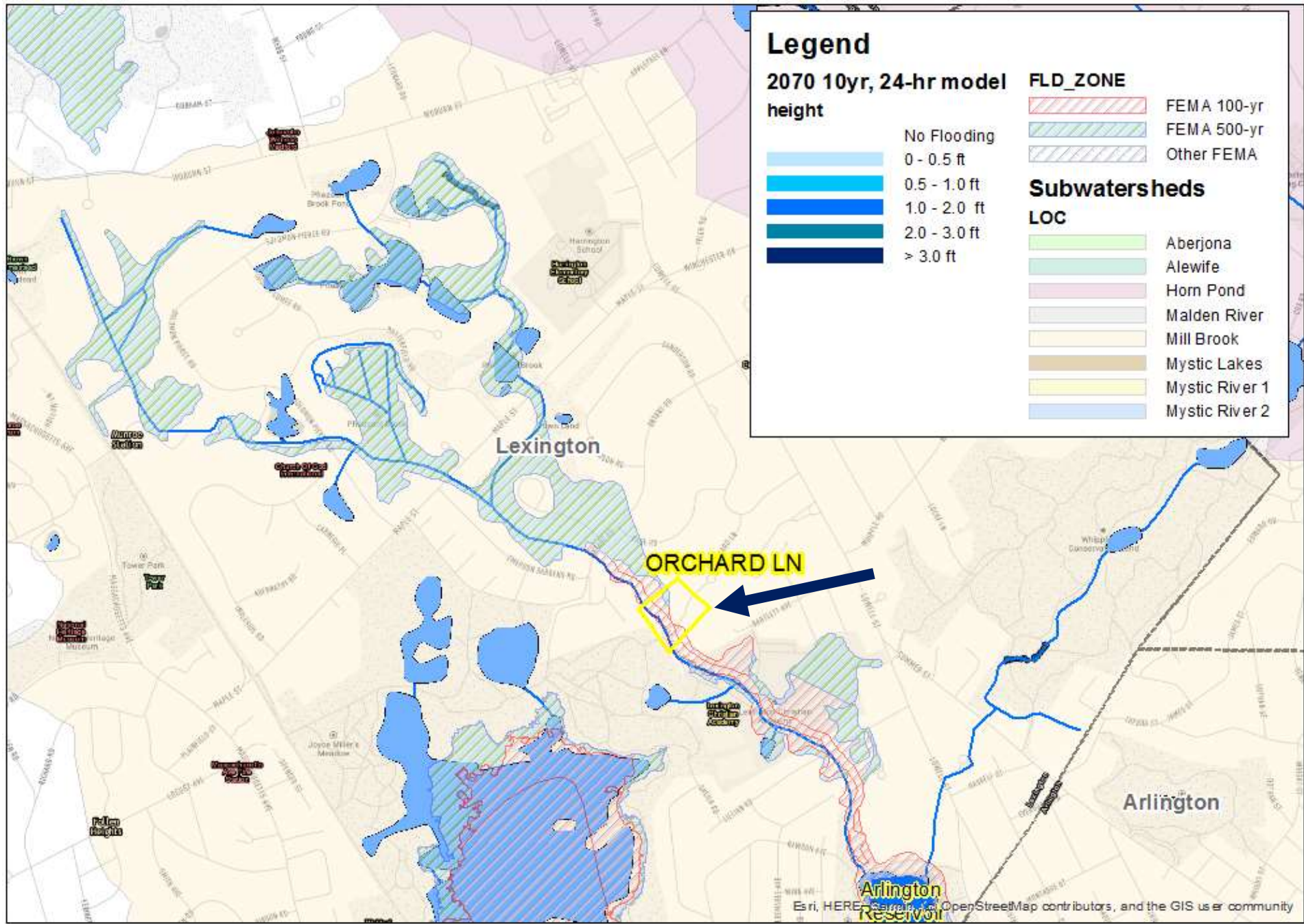
Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☒ Potentially ☐ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Lexington – site 2 (of 7)

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
ORCHARD LN KLF_ID: AP-185	TOWN OF LEXINGTON	~3.9 acres	

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	3	1	3

Existing Slope, Soils	Article 97 protection status	Public Acceptance
5	5 1	4

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
2	2	5

Scoring Notes

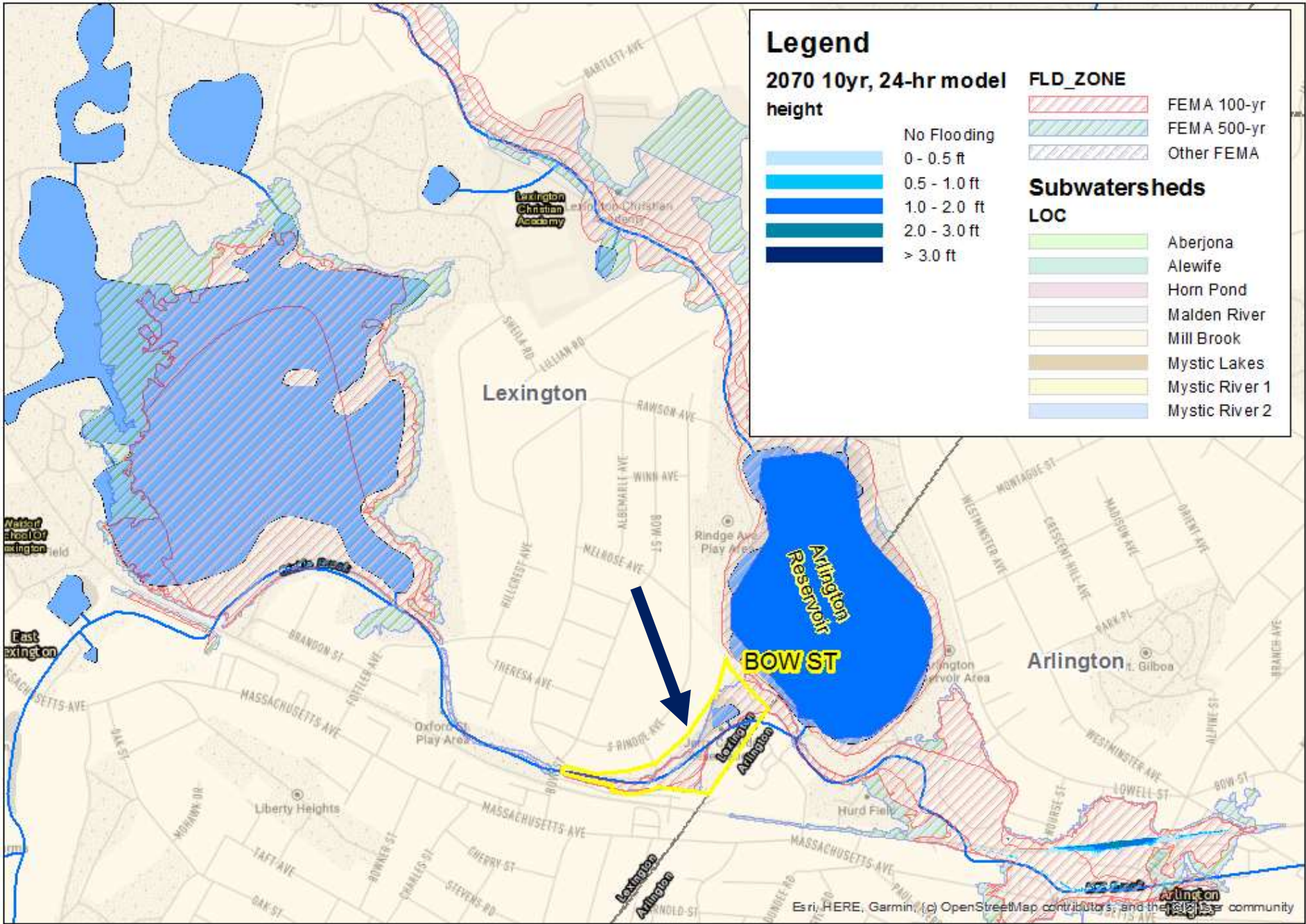
- Site is mostly within FEMA 100-yr flood zone, with portions in FEMA 500-yr zone. Modeled 2070 10-year flooding was not present in this location, however modeled piped infrastructure was limited in this area. Located in upper reaches of Mill Brook subcatchment.
- The site contains flat slopes <3% and is not protected site use under Article 97 (~~per MassGIS Open Space layer~~).
- The site is in a census tract that scores in the low-middle range per CDC’s Social Vulnerability Index (0.25 < x 0.5, out of 1.0).
- The opportunity is along a primary tributary to Mystic River, with potential for increased connectivity/public open space.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☒ Potentially ☐ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
BOW ST KLF_ID: AP-191	TOWN OF LEXINGTON	~5.4 acres	Recreation has playground that would need protection. Water quality improvements to Arlington Reservoir would be beneficial.

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	4	5	3
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
3	5	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
2	1	5

Scoring Notes

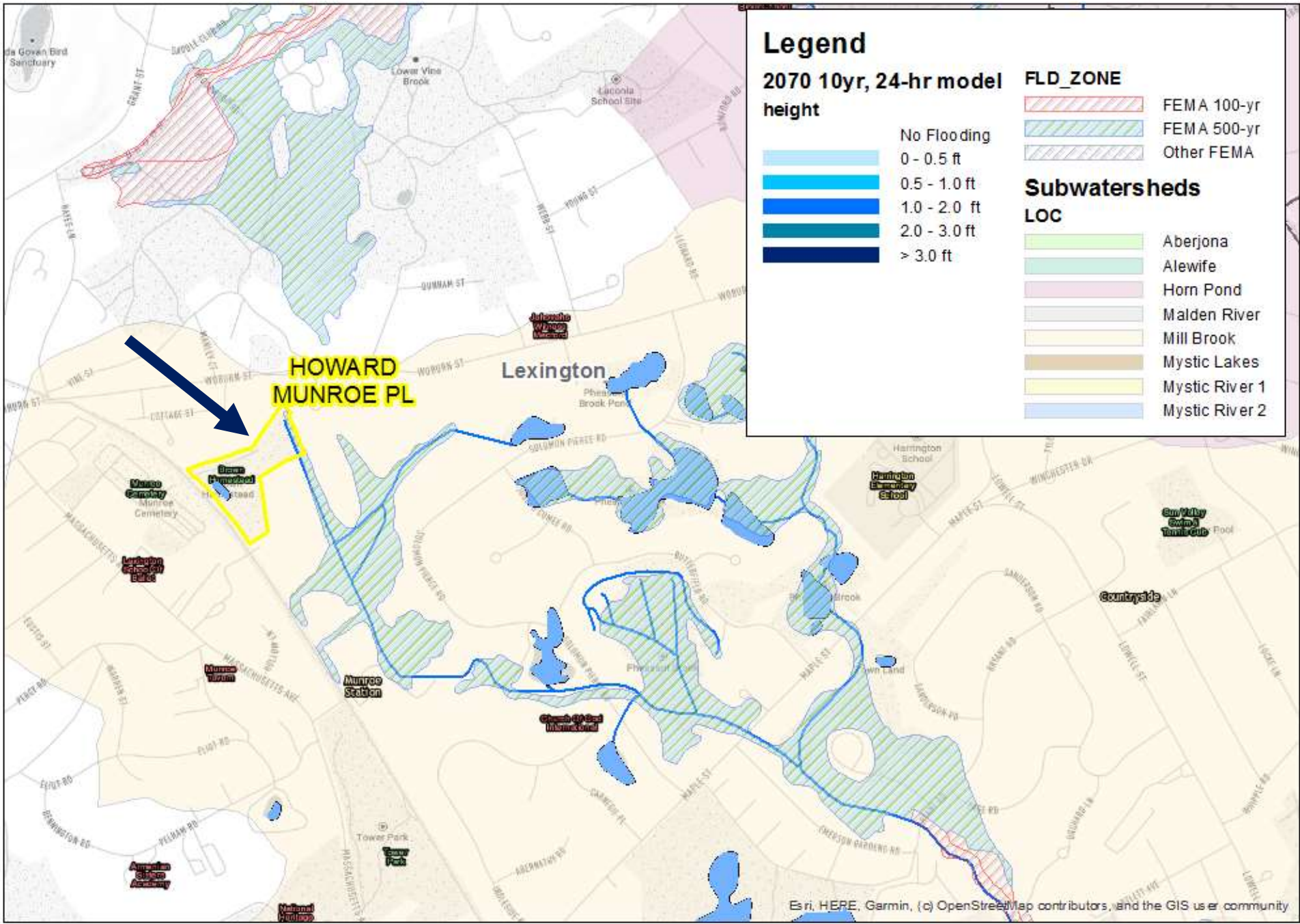
- Site is mostly within FEMA 100-yr flood zone, with portions in FEMA 500-yr zone. Modeled 2070 10-year flooding was not present in this location, however modeled piped infrastructure was limited in this area. Located in mid-upper reaches of Mill Brook subcatchment.
- The site contains slopes between 3-6%, and is not protected site use under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the least vulnerable quartile per CDC’s Social Vulnerability Index ($x < 0.25$, out of 1.0).
- The opportunity is located adjacent to Arlington Reservoir and public open space, with greater connectivity or greenway potential.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
HOWARD MONROE PL KLF_ID: AP-207	TOWN OF LEXINGTON - CONSERVATION	~6.1 acres	Parcel abuts nursery; flooding on other side of bike path

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
3	1	1	3
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
3	5	5	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
1	2	5

Scoring Notes

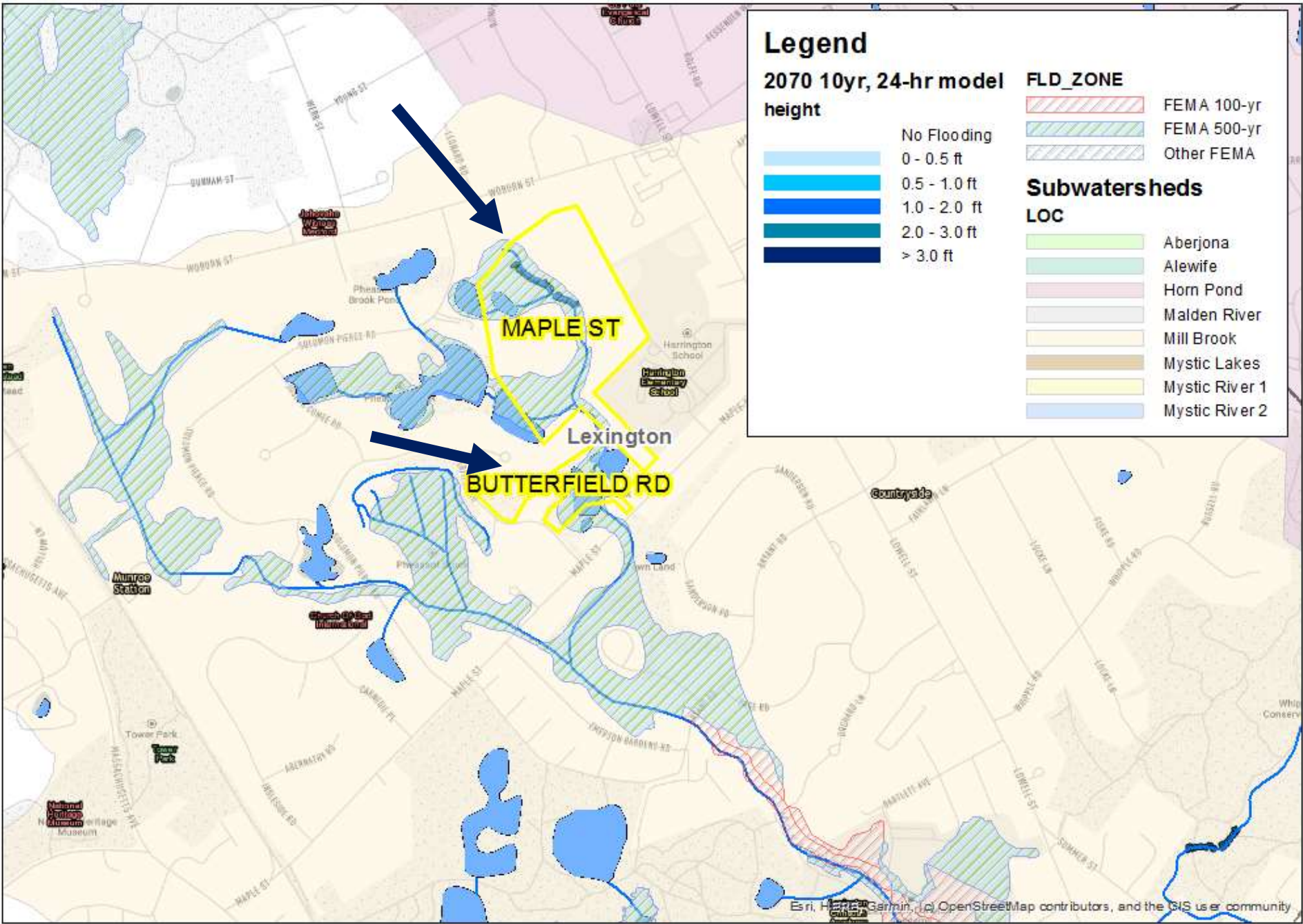
- Small portion of the site is within FEMA 500-yr zone. Modeled 2070 10-year flooding was not present in this location, however modeled piped infrastructure was limited in this area. Located in upper reaches of Mill Brook subcatchment. **Routing >300 acres of drainage to this location may be a challenge (see Footnote).**
- The site contains slopes between 3-6% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- High-density forested site with limited invasive species.
- The site is in a census tract that scores in the low-middle range per CDC’s Social Vulnerability Index (0.25 < x 0.5, out of 1.0).
- The opportunity is along a primary tributary to Mystic River, with potential for increased connectivity/public open space.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
MAPLE ST, BUTTERFIELD RD KLF_ID: AP-201, AP-205	TOWN OF LEXINGTON, TOWN OF LEXINGTON CONSERVATION	~26 acres (AP-201), ~7-acre (AP-205)	AP-205 is Con Comm owned

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
3	1	1	3
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
5, 3 (AP-205)	5	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
1, 5 (AP-205)	2	5

Scoring Notes

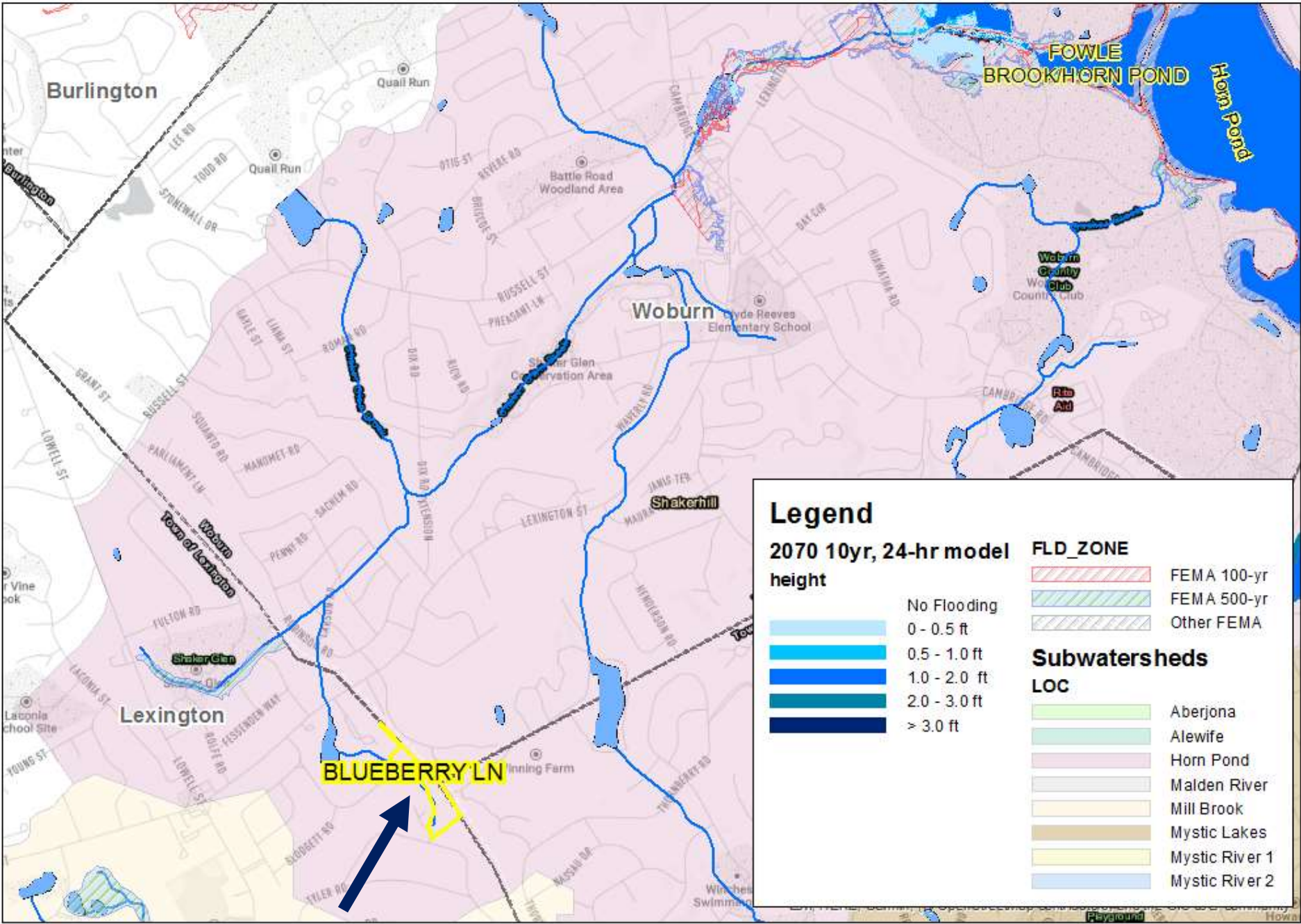
- Sites are mostly within the FEMA 500-yr zone. Modeled 2070 10-year flooding was not present in this location, however modeled piped infrastructure was limited in this area. Located in upper reaches of Mill Brook subcatchment. Routing >300 acres of drainage to this location may be a challenge (see Footnote).
- These sites contain some slopes 3-6% and are not protected site use under Article 97 (per MassGIS Open Space layer).
- Butterfield Rd site (AP-205) scored high for land cover/habitat restoration potential.
- The site is in a census tract that scores in the low-middle range per CDC's Social Vulnerability Index (0.25 < x 0.5, out of 1.0).
- The opportunity is along a primary tributary to Mystic River, with potential for increased connectivity/public open space.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☒ Potentially ☐ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
BLUEBERRY LN KLF_ID: AP-213	Private parcel (WINNING ESTATES LLC)	~2.6 acres	Privately-owned parcel designated “undevelopable residential land”; may be publicly-acceptable site if property rights can be obtained

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
1	1	1	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
5	5	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
2	2	3

Scoring Notes

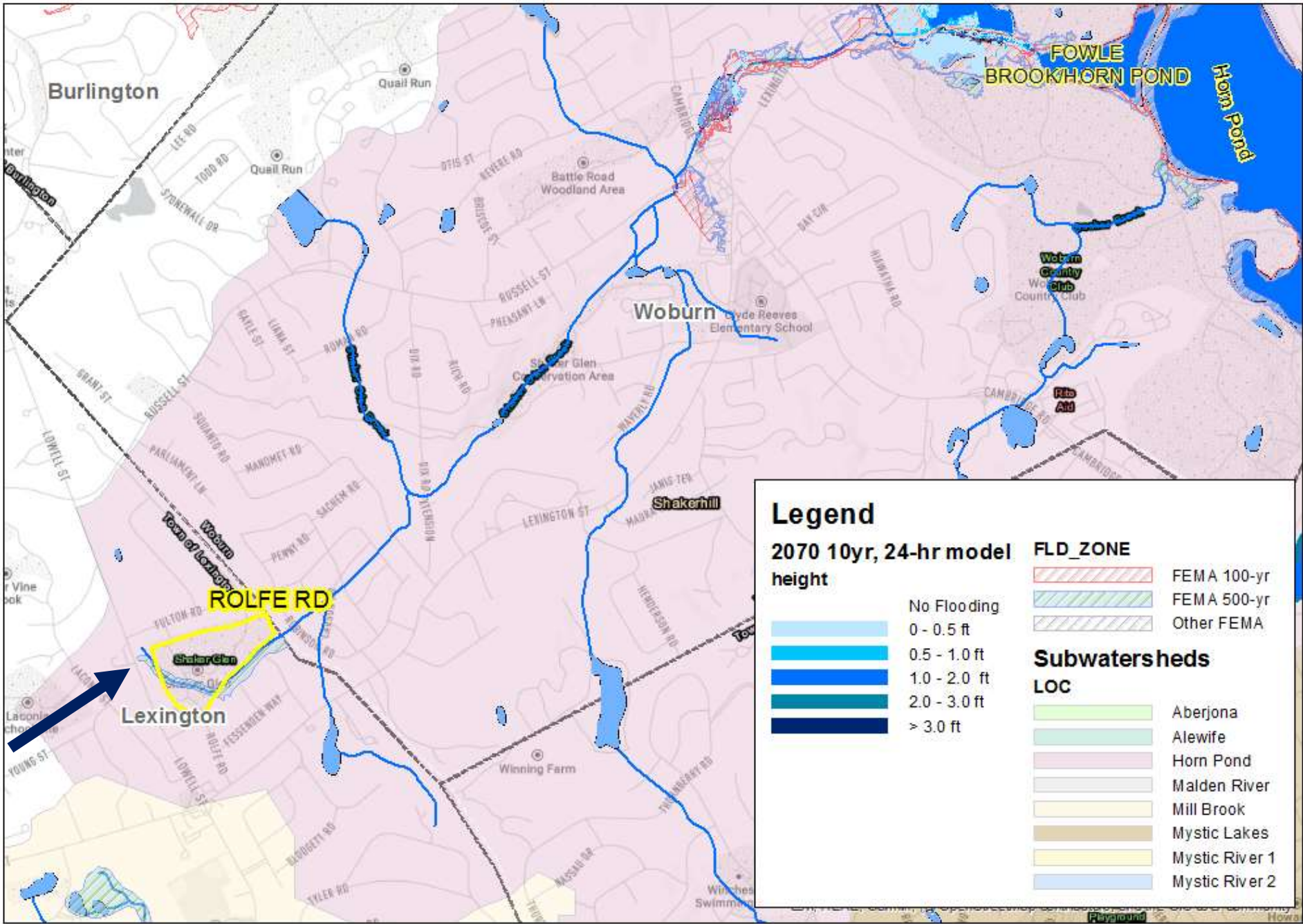
- Site not within any FEMA flood zone. Modeled 2070 10-year flooding was not present in this location, however modeled piped infrastructure was limited in this area. Located in upper reaches of Horn Pond subcatchment. Downstream areas in Shaker Glen Brook (Woburn) experience flooding. Routing >300 ac of drainage to this location may be a challenge (see Footnote).
- The site contains flat slopes <3% and is not protected site use under Article 97 (per MassGIS Open Space layer) but is private ownership.
- The site is in a census tract that scores in the low-middle range per CDC’s Social Vulnerability Index (0.25 < x 0.5, out of 1.0).
- The opportunity is along a primary tributary to Shaker Glen Brook with greater connectivity or greenway potential.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☒ Potentially ☐ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
ROLFE RD KLF_ID: AP-195	TOWN OF LEXINGTON	~13-acre parcel	Abutting neighbors concerned with flooding. Existing meadow needs protection.

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
3	1	1	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
1	5	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
1	2	5

Scoring Notes

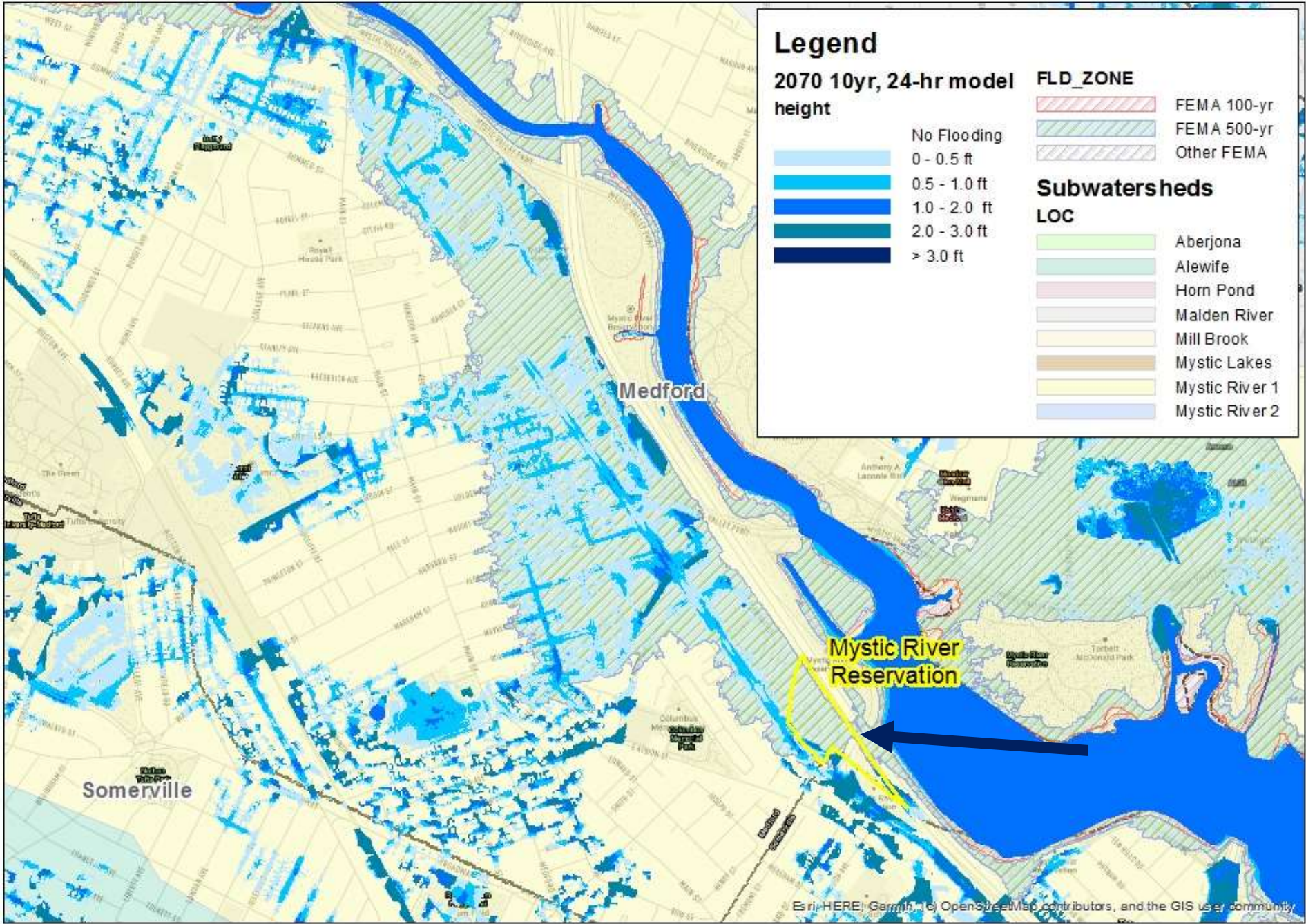
- Site contains areas within the FEMA 500-yr flood zone. Modeled 2070 10-year flooding was not present in this location, however modeled piped infrastructure was limited in this area. Located in upper reaches of Horn Pond subcatchment. Downstream areas in Shaker Glen Brook (Woburn) experience flooding. **Routing >300 ac of drainage to this location may be a challenge (see Footnote).**
- The site contains some steep slopes >6%, and is mostly high-density woodland/wetland areas with low restoration potential.
- The site is not protected site use under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the low-middle range per CDC’s Social Vulnerability Index (0.25 < x 0.5, out of 1.0).
- The opportunity is along a primary tributary to Shaker Glen Brook with greater connectivity or greenway potential.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
DCR property / Mystic River Reservation KLF_ID: OS-037	DCR	~6 acres	

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
3	5	5	1
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
3	1	5	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
4	2	5

Scoring Notes

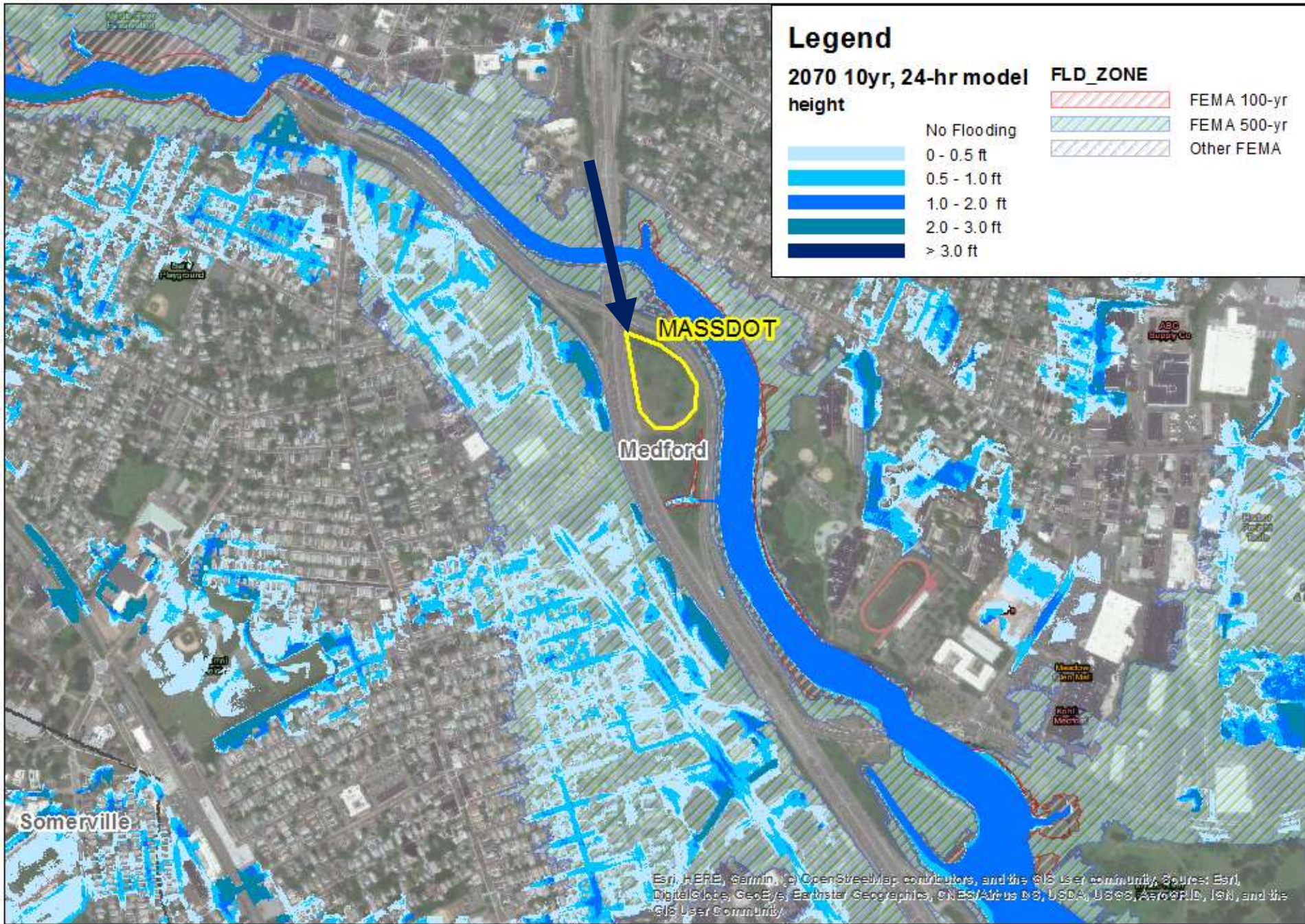
- Site is mostly within FEMA 500-yr flood zone, with some modeled 2070 10-year flooding on-site. The site is near the confluence of the Mystic River channelized section and Amelia Earhart Dam basin, and is between Tufts Park and the River.
- The site contains slopes between 3-6%, and contains impervious and low habitat quality spaces.
- The site is DCR-owned and uses are protected under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the low-middle range per CDC’s Social Vulnerability Index (0.25 < x 0.5, out of 1.0).
- The opportunity is located within Mystic River Reservation (public open space) with greater connectivity or greenway potential.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☐ No ☒

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology.
For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment.
When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
MassDOT ramp property KLF_ID: AP-92927	MassDOT	~4.5 acres	may be a good location to divert upstream catchments that experience storm system flooding due to capacity pinch points

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
5	5	3	1
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
3	5	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
4	2	5

Scoring Notes

- Site not within any FEMA flood zone, but in close proximity to modeled 2070 10-year flooding. The site is near the confluence of the Mystic River channelized section and Amelia Earhart Dam basin.
- The site contains slopes between 3-6%, and contains impervious and low habitat quality spaces.
- The site is MassDOT-owned, but uses are not protected under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the low-middle range per CDC's Social Vulnerability Index (0.25 < x 0.5, out of 1.0).
- The opportunity is located adjacent to the Mystic River Reservation (public open space) with greater connectivity or greenway potential.

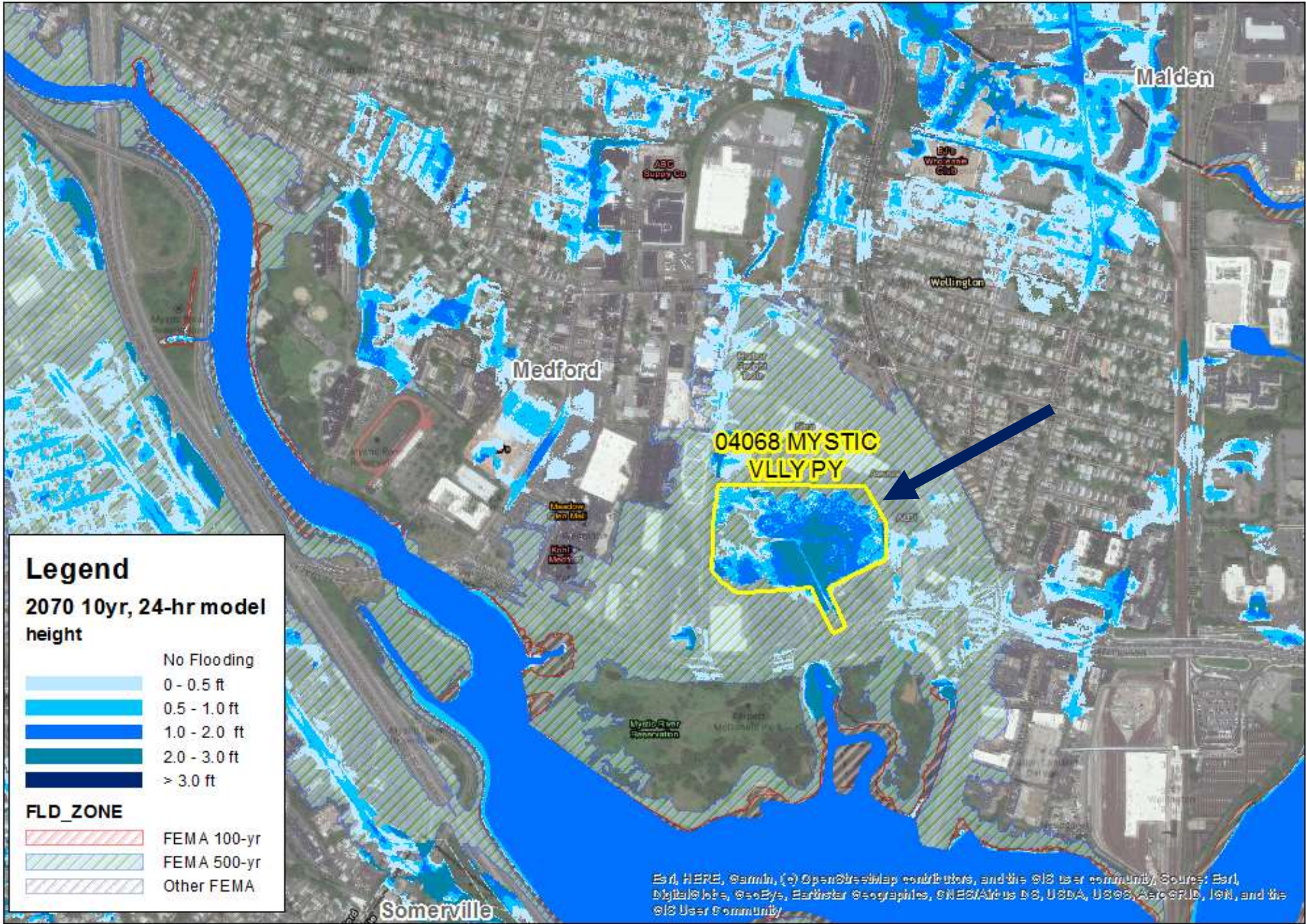
Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Medford - site 3 (of 5)

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
04068 MYSTIC VLLY PY KLF_ID: AP-265	FELLSWAY ASSOCIATES LLC private	~18 acres	previous radio tower/contaminated site

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
3	4	5	1
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
3	5	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
1	5	3

Scoring Notes

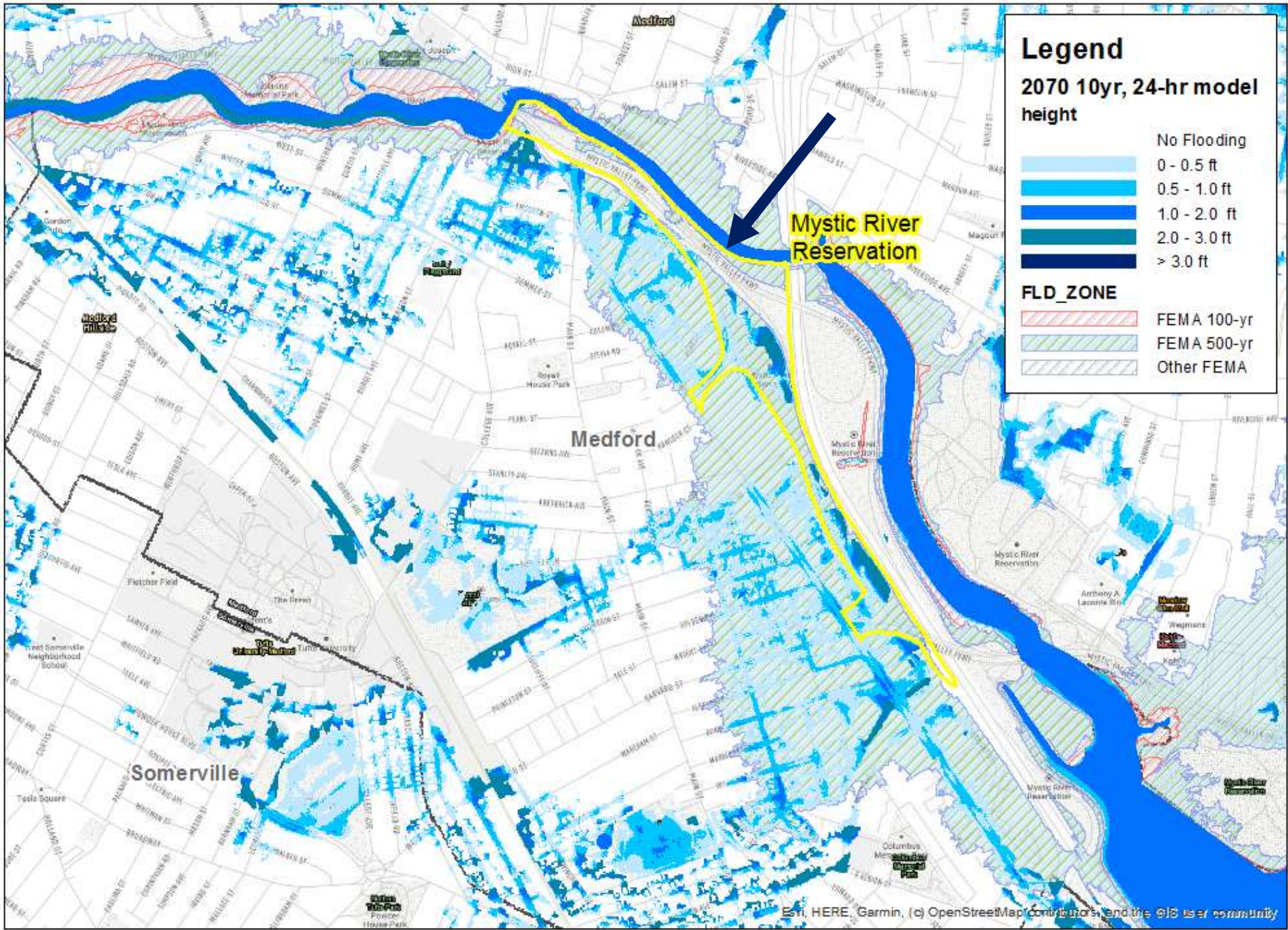
- Site is located entirely within the FEMA 500-yr flood zone, and has modeled 2070 10-year flooding on-site. The site is near the confluence of the Mystic River channelized section and Amelia Earhart Dam basin.
- The site contains slopes between 3-6%, and is not protected site use under Article 97 (per MassGIS Open Space layer), but is privately owned.
- The site is in a census tract that scores in the most vulnerable quartile per CDC’s Social Vulnerability Index (x < 0.25, out of 1.0) that also has modeled piped infrastructure flooding.
- The opportunity is located in close proximity to the Mystic River main channel with greater connectivity or greenway potential.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology.
For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment.
When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
DCR property / Mystic River Reservation KLF_ID: OS-036	DCR	37+ acre parcel	may be a good location to divert upstream catchments that experience storm system flooding due to capacity pinch points

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	4	5	1
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
5	1	5	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
2	2	5

Scoring Notes

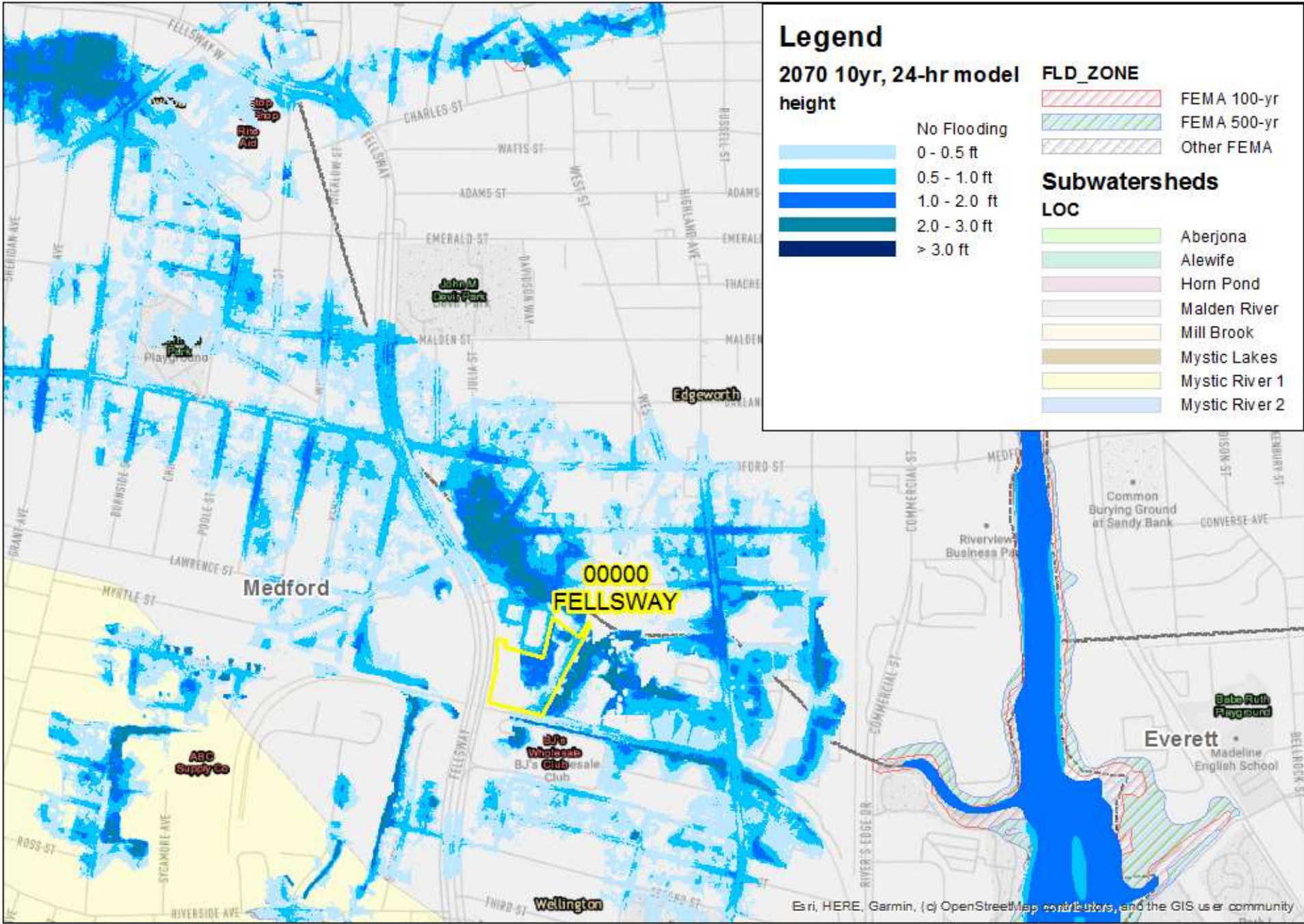
- Site is mostly within FEMA 500-yr flood zone, with some parts within FEMA 100-year zone. Some modeled 2070 10-year flooding on-site. The site runs parallel to the channelized section Mystic River, and is between the Tufts University campus, Tufts Park and the River.
- The site contains flat slopes <3%, and contains ^{some} impervious and low habitat quality spaces.
- The site is DCR-owned and uses are protected under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the low-middle range per CDC's Social Vulnerability Index (0.25 < x 0.5, out of 1.0).
- The opportunity is located within Mystic River Reservation (public open space) with greater connectivity or greenway potential.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
FELLSWAY KLF_ID: AP-292	MDC	~3.2 acres	smaller undeveloped site (DCR) along Fellsway; may be limited to pocket wetland

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
1	3	5	1
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
5	5	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
5	2	3

Scoring Notes

- The sites is not within any FEMA flood zone. However, modeled 2070 10-year flooding is present on-site and in the surrounding area. The site is in the Malden River subcatchment, along the Fellsway, bordering Malden.
- The site contains flat slopes <3% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- The undeveloped site is owned by MDC and has low land cover/habit value in current condition.
- The site is in a census tract that scores in the low-middle range per CDC’s Social Vulnerability Index (0.25 < x 0.5, out of 1.0).
- The opportunity is located just upstream of Little River connection to Malden River with greater connectivity or greenway potential.

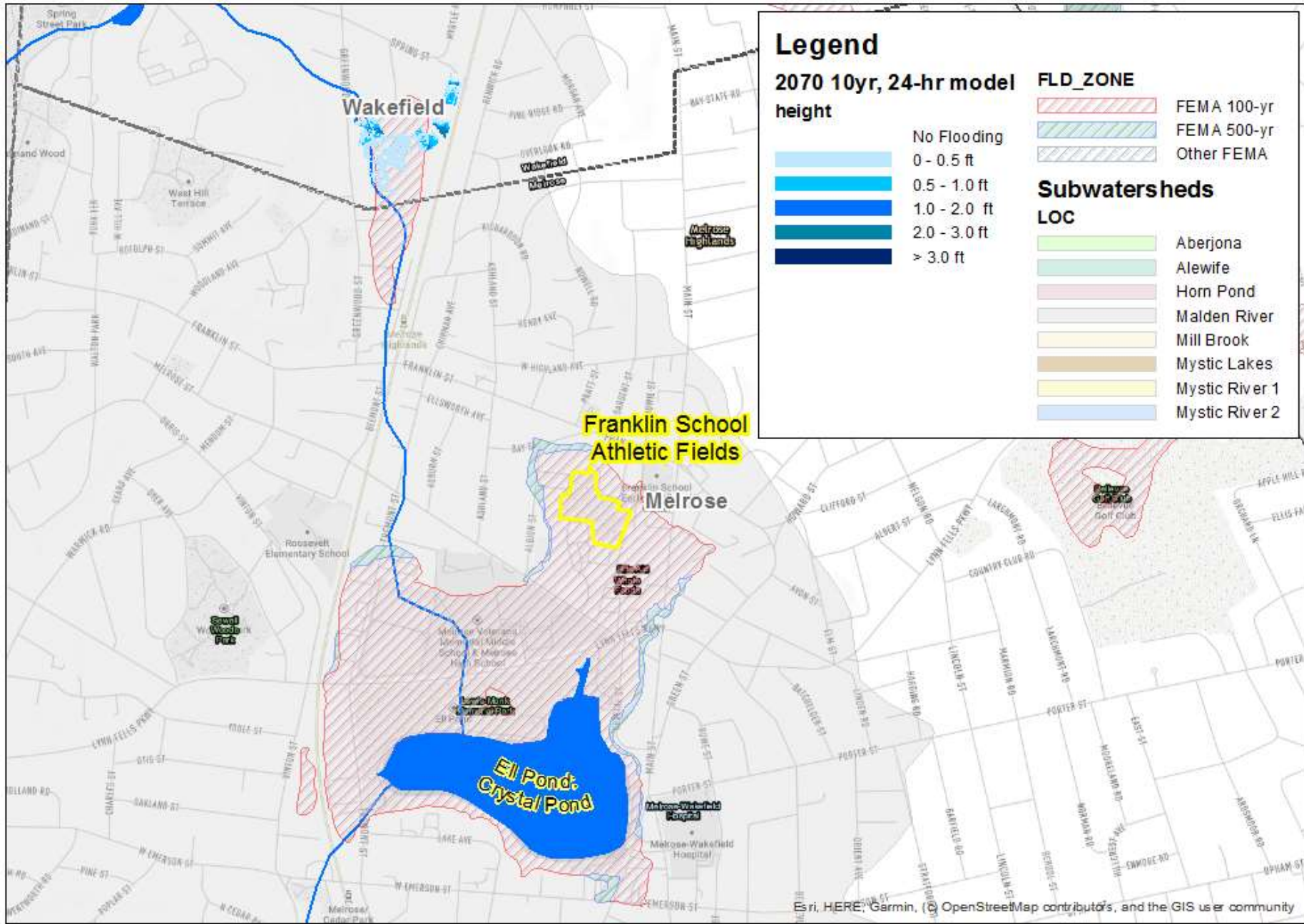
Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Melrose – site 1 (of 1)

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
Franklin Field KLF_ID: OS-1088	City of Melrose	< 3 acres	Previously identified as candidate for a subsurface infiltration system. Could be a good location for above-ground GI, too. Best site to focus on, though likely would have trouble fitting 3-acre GI.

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	1	3	1
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
5	5	4	

regional benefit may be limited as Ell Pond is between park and buried segments of Malden River out to AED

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
4	2	5

Scoring Notes

- Site is fully within FEMA 100-yr flood zone. Modeled 2070 10-year flooding was not modeled in this location, however model resolution and piped infrastructure was limited in this area. Located in Malden River subcatchment, upstream of flow confluence with flow routing from Spy Pond to Malden River.
- The site contains flat slopes <3% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the low-mid range per CDC's Social Vulnerability Index (0.25 < x 0.5, out of 1.0).
- The opportunity is located within an existing park.

local flood mitigation potential per City

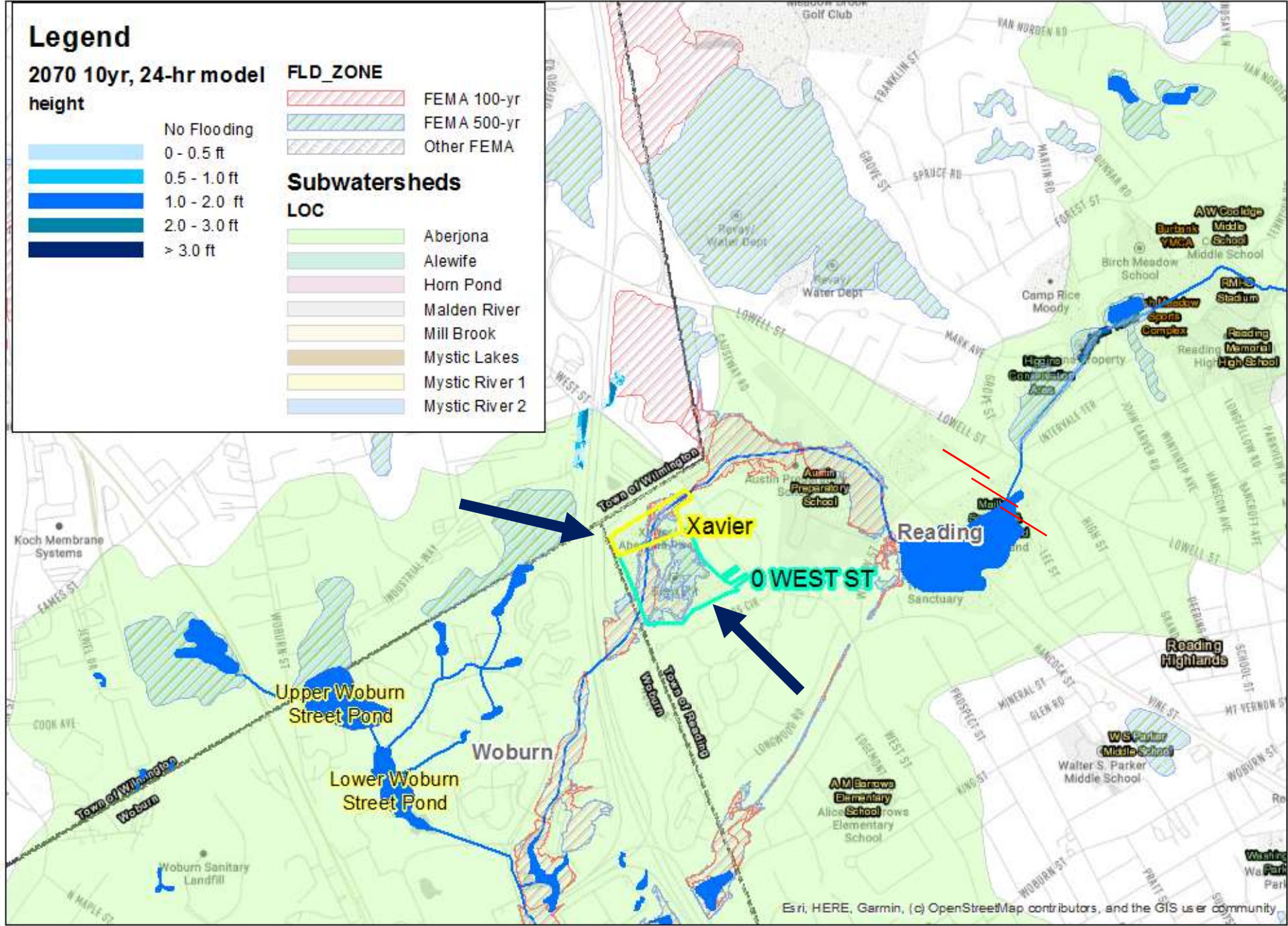
need to verify not Art. 97

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☒ Potentially ☐ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
0 WEST ST (Boyd lot), Xavier/Aberjona KLF_ID: AP-339, OS-054	Reading Land Trust (AP-339), Town of Reading (OS-054)	~11 acres (AP-339), ~3 acres (OS-054)	Most desirable location, our largest flooding issue is upstream near the entrance to Austin Prep. Town has considered adding better access

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	1	3	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
5	1	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
2, 1 (OS-054)	1	5

Scoring Notes

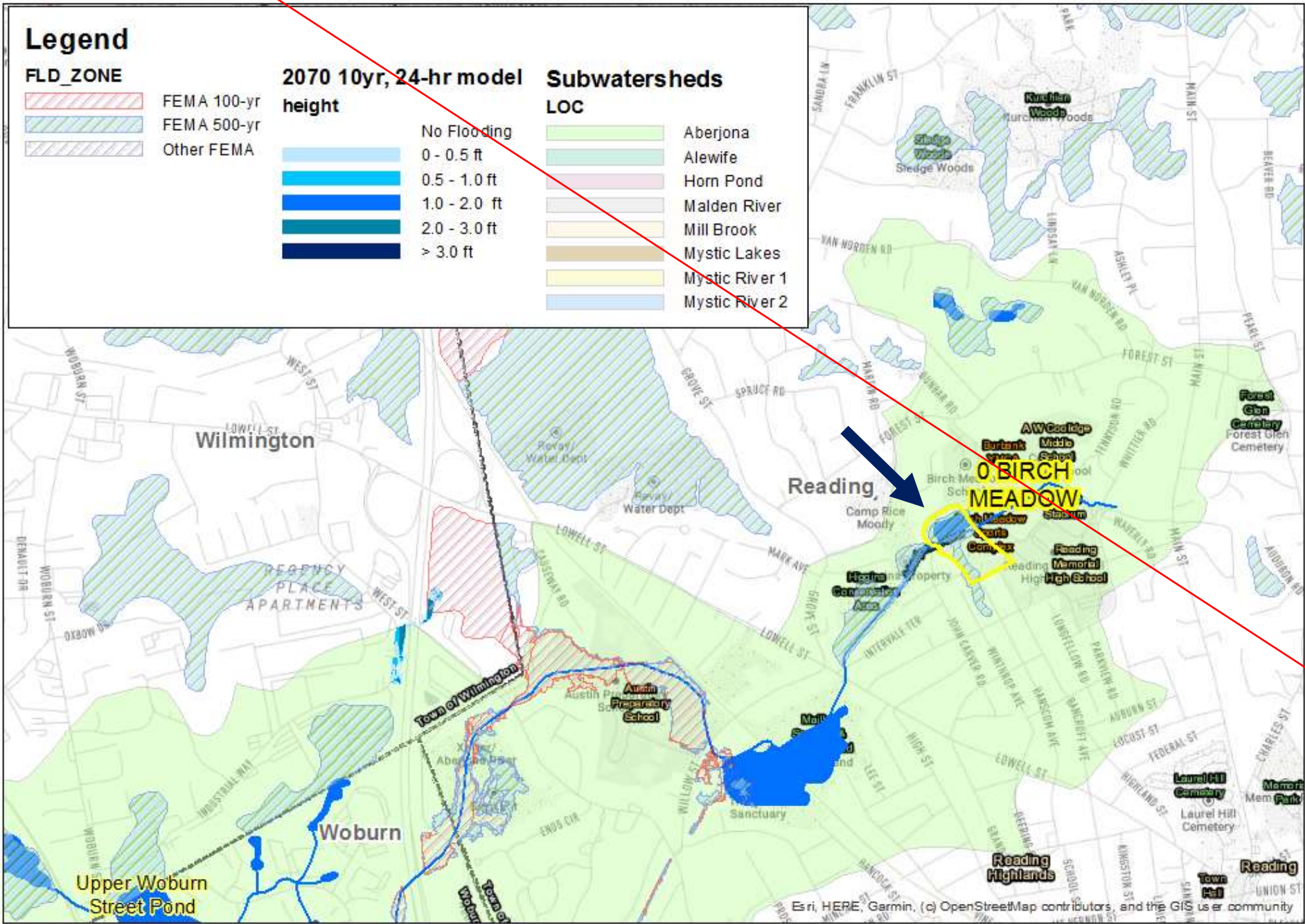
- Site contains areas within FEMA 100-yr flood zone, with portions in FEMA 500-yr zone. Modeled 2070 10-year flooding was not modeled in this location, however model resolution and piped infrastructure was limited in this area. The site is located in the upper reaches of the Aberjona sub-basin.
- The site's existing condition contains mostly flat slopes <3%.
- The OS-054 parcel's site use is protected under Article 97 (per MassGIS OS layer).
- The OS-054 parcel is entirely wetland/woodland cover with existing high-quality habitat (exclusive of existing invasive species presence).
- The site is in a census tract that scores in the least vulnerable quartile per CDC's Social Vulnerability Index (x < 0.25, out of 1.0).
- The opportunity is located within 500 feet the Aberjona River with greater connectivity or greenway potential.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology.
For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment.
When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
Birch Meadow / Grove St KLF_ID: AP-58135	Town of Reading	~9 acres	Used as a soccer field in summer and staking rink in winter, unlikely this land near high school and birch meadow would be available

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
3	1	1	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
3	5	4	

TOWN REVISED RANKING (active uses at site would prohibit)

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
3	1	5

Scoring Notes

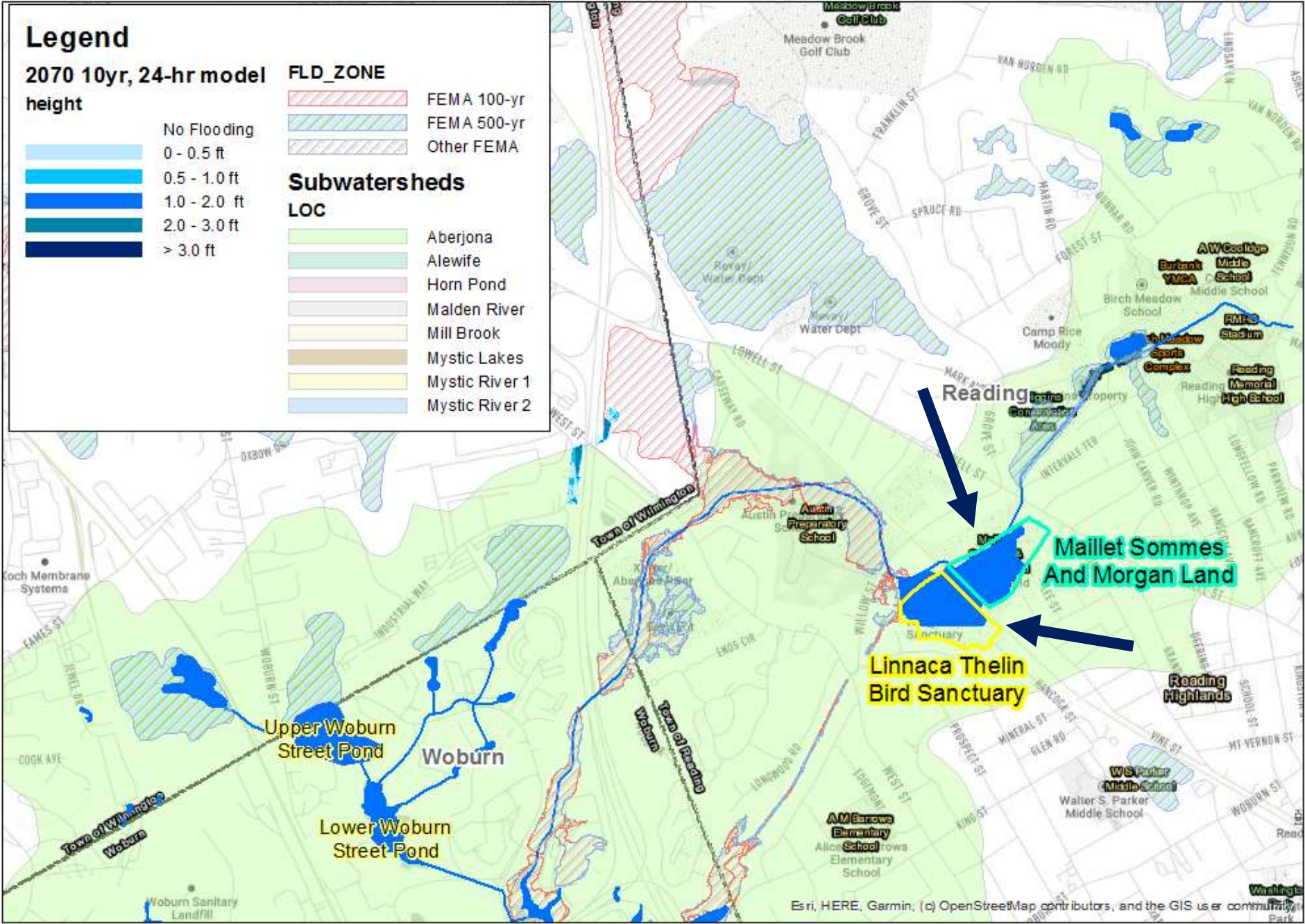
- Site contains portions in FEMA 500-yr zone. Modeled 2070 10-year flooding was not modeled in this location, however model resolution and piped infrastructure was limited in this area. The site is located in the upper reaches of the Aberjona sub-basin.
- The site's existing condition contains mostly flat slopes <3% and the site does not contain uses that are protected under Article 97 (per MassGIS Open Space layer).
- The site is mostly grassed, but does contain some areas classified by BioMap2 as "critical natural communities."
- The site is in a census tract that scores in the least vulnerable quartile per CDC's Social Vulnerability Index ($x < 0.25$, out of 1.0).
- The opportunity is located within an existing park (public open space) with greater connectivity or greenway potential.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☐ No ☒

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
Maillet Sommes and Morgan Land, Linnaca Thelin Bird Sanctuary KLF_ID: OS-056, OS-050	Town of Reading	~11 acres (OS-056) ~11.8 acres (OS-050)	Potential opportunity and second most likely, upstream of localized flooding at AP. Could expand recreation opportunities following work.

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
5, 4	1	1	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
5	1	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
1	1	5

Scoring Notes

- Site OS-050 contains portions in FEMA 500-yr zone. Modeled 2070 10-year flooding was not modeled in this location, however model resolution and piped infrastructure was limited in this area. The site is located in the upper reaches of the Aberjona sub-basin.
- Both sites’ existing conditions contain mostly flat slopes <3% and are mostly HD wetland/woodland cover.
- Both sites have uses protected under Article 97 (per MassGIS Open Space layer).
- Both sites are in a census tract that scores in the least vulnerable quartile per CDC’s Social Vulnerability Index (x < 0.25, out of 1.0).
- The opportunity is located within 500 feet the Aberjona River

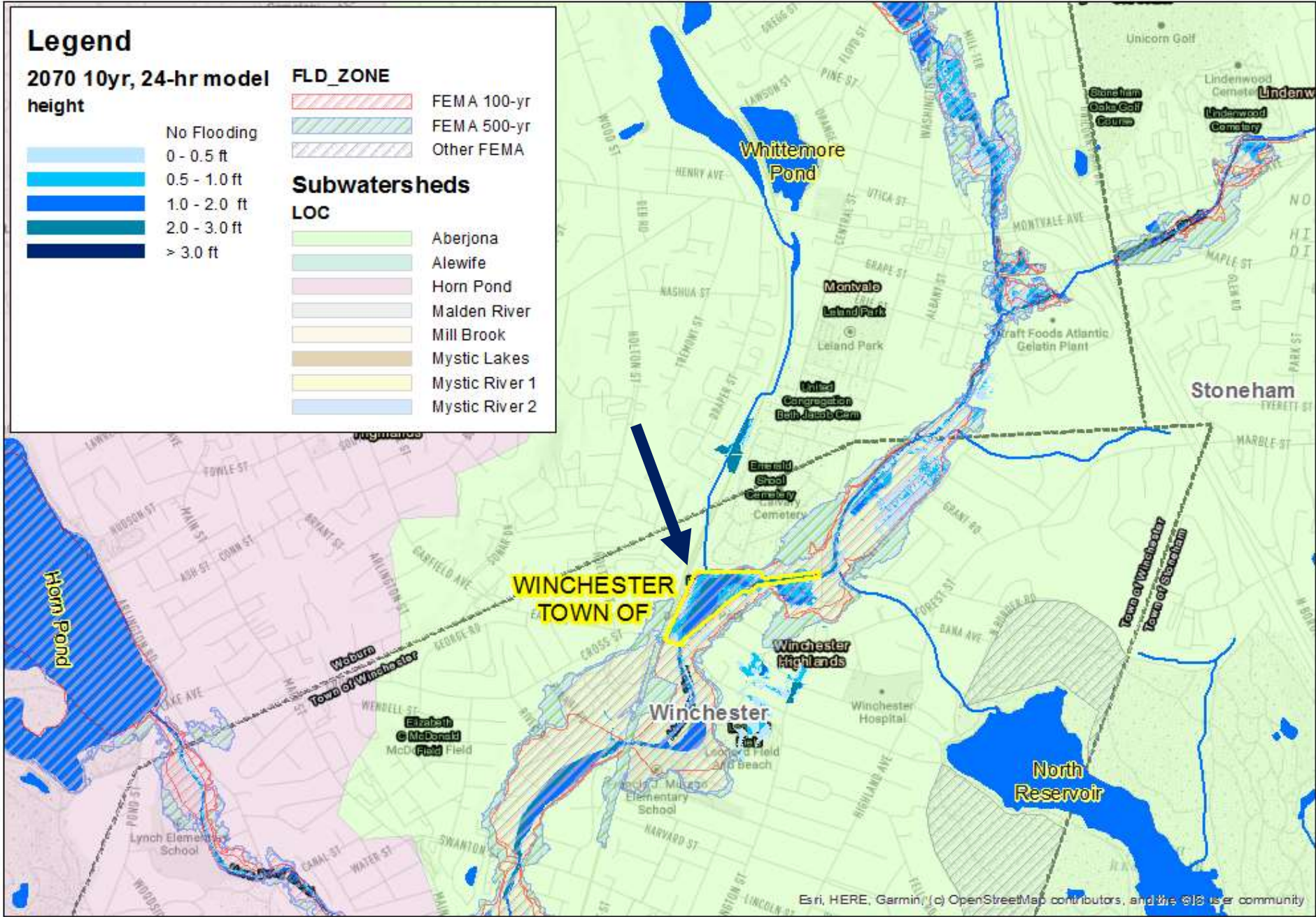
Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology.
For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment.
When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Winchester – site 1 (of 5)

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
Davidson Park KLF_ID: AP-479 Winchester Parcel ID: 12-44	Town of Winchester	~9.4 acre parcel	The Town has looked at 3 options for improving conditions at the park, and was recently awarded \$500-600K through an NRD grant to apply towards a riverine restoration project.

Site Opportunity map:



total project will cost \$2-3M; appealing for more via NRD Grant

Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	4	5	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
3	5	5	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
2	5	5

not within immediate vicinity (cemetery)

Scoring Notes

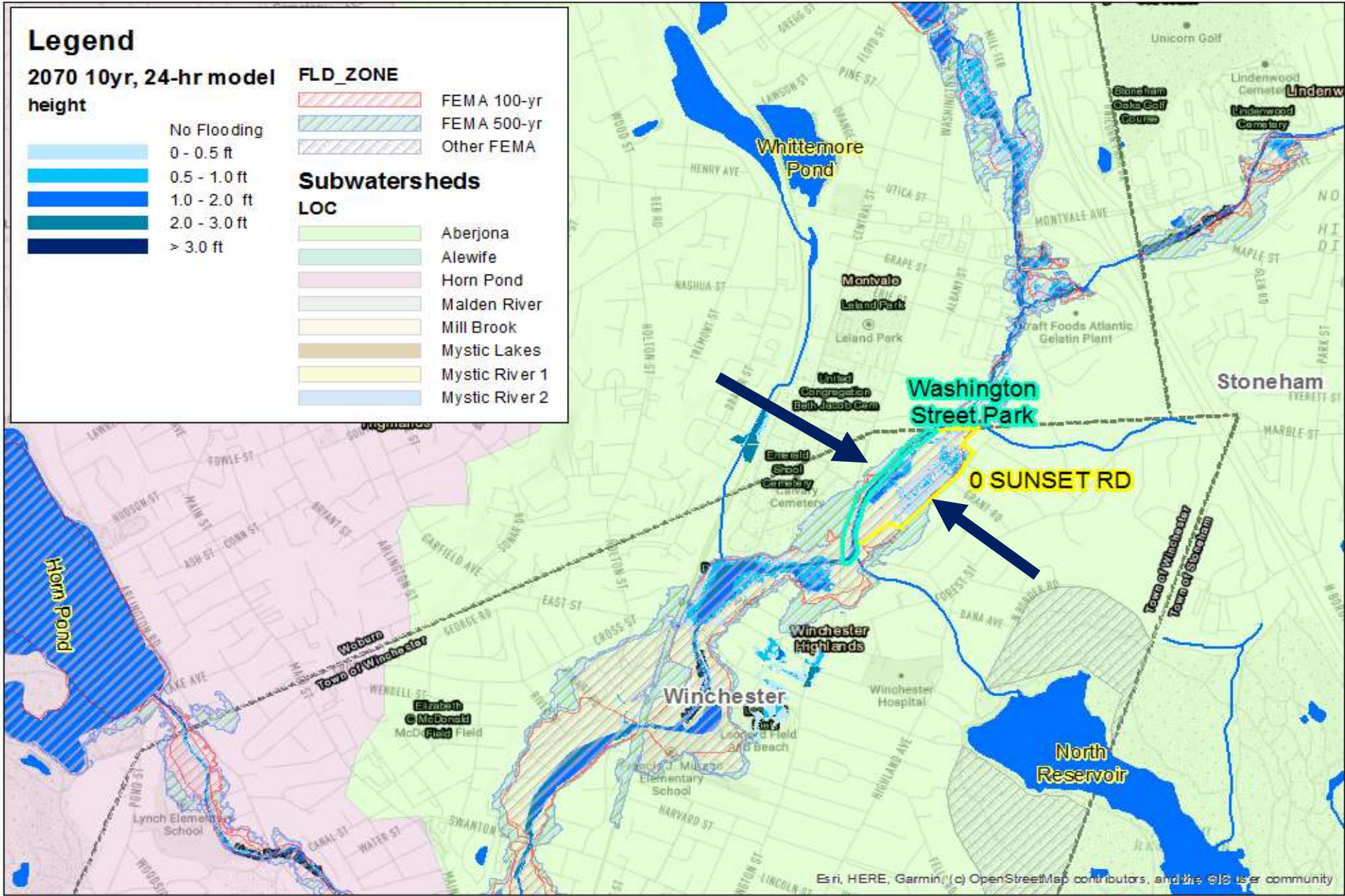
- Site is mostly within FEMA 100-yr flood zone, with portions in FEMA 500-yr zone, and modeled 2070 10-year flooding on-site. The site is located in a less channelized portion of the Aberjona River, at the confluence of flow from Whittemore/Walker Pond, Woburn/WSE to confirm
- The site contains slopes between 3-6% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the most vulnerable quartile per CDC's Social Vulnerability Index (x > 0.75, out of 1.0) that also has modeled piped infrastructure flooding.
- The opportunity is located within an existing park (public open space) with greater connectivity or greenway potential.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. limited (already at low elevation in floodplain) When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
0 SUNSET RD, Washington St Park KLF_ID: AP-510, OS-087 Winchester parcel IDs: 1-36, 1-6	Private parcel (MONTVALE LAND LLC), Town of Winchester	~16 acre parcel, ~4 acre parcel	Public acceptance for use of the private property for flood storage purposes is high, but Town needs to get current property owner to agree. The Town has discussed a possible conservation restriction on the property with them in the past, but no movement.

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	4	5	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
1	5, 1 (OS-087)	5	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
1	1	5

Scoring Notes

- Site is mostly within FEMA 100-yr flood zone, with portions in FEMA 500-yr zone, and modeled 2070 10-year flooding on-site. The site is located adjacent to channelized segments of the Aberjona River, upstream of a confluence joining flow from Whittemore/Walker Pond, within the Aberjona basin.
- The sites contain steep slopes >6% and the Washington Park site (OS-087) has protected site uses under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the least vulnerable quartile per CDC's Social Vulnerability Index ($x < 0.25$, out of 1.0).
- The opportunity is located within an existing park (public open space) with greater connectivity or greenway potential.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

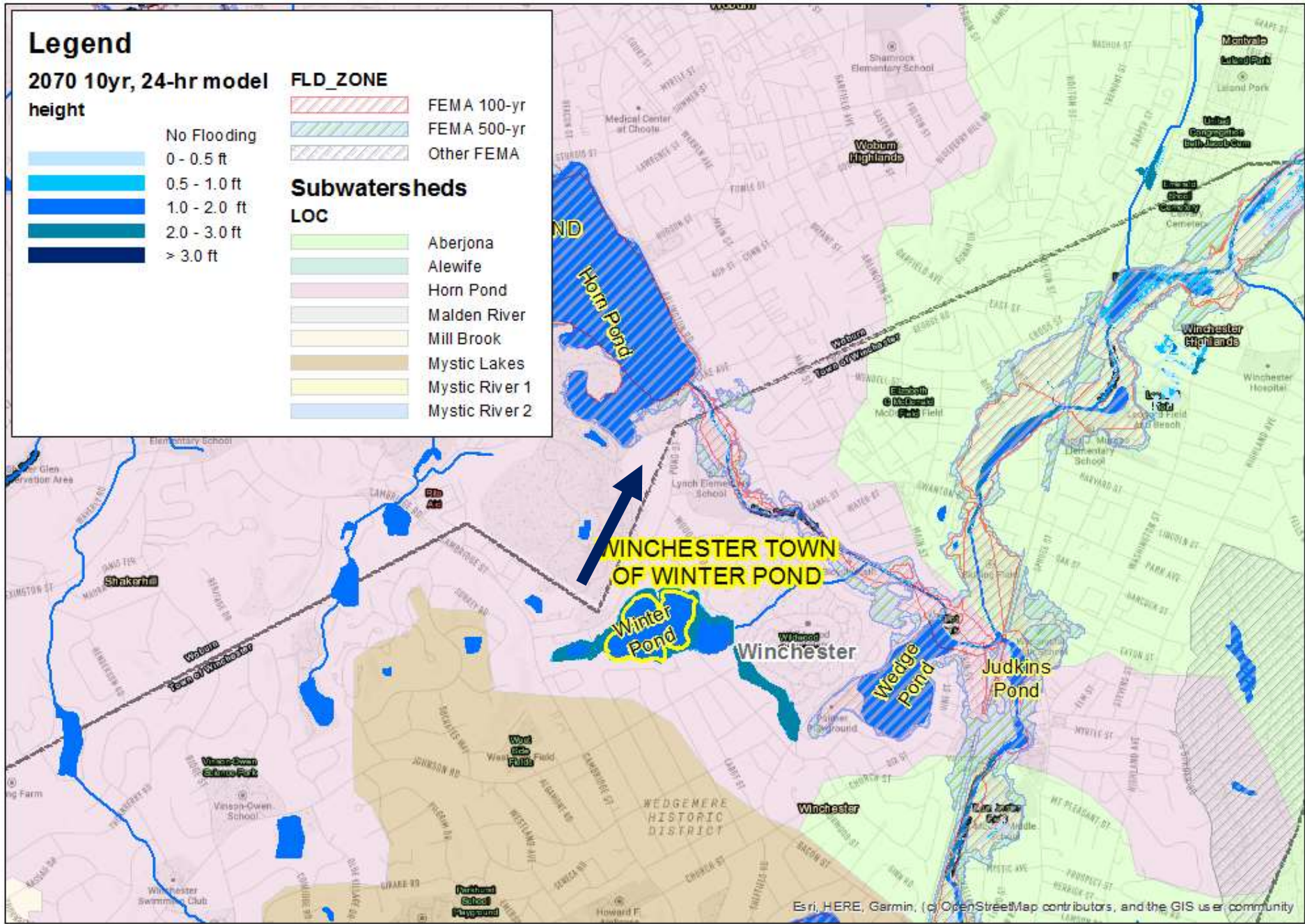
limited (already at low elevation in floodplain)

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology.
For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment.
When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Winchester – site 3 (of 5)

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
Winter Pond KLF_ID: AP-505 Winchester parcel ID: n/a	Town of Winchester	17-acre parcel	The Town is actively seeking GI projects around Winter Pond, likely in the adjacent ROW for Woodside Road.

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
1	3	5	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
3	5	5	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
1	1	5

Scoring Notes

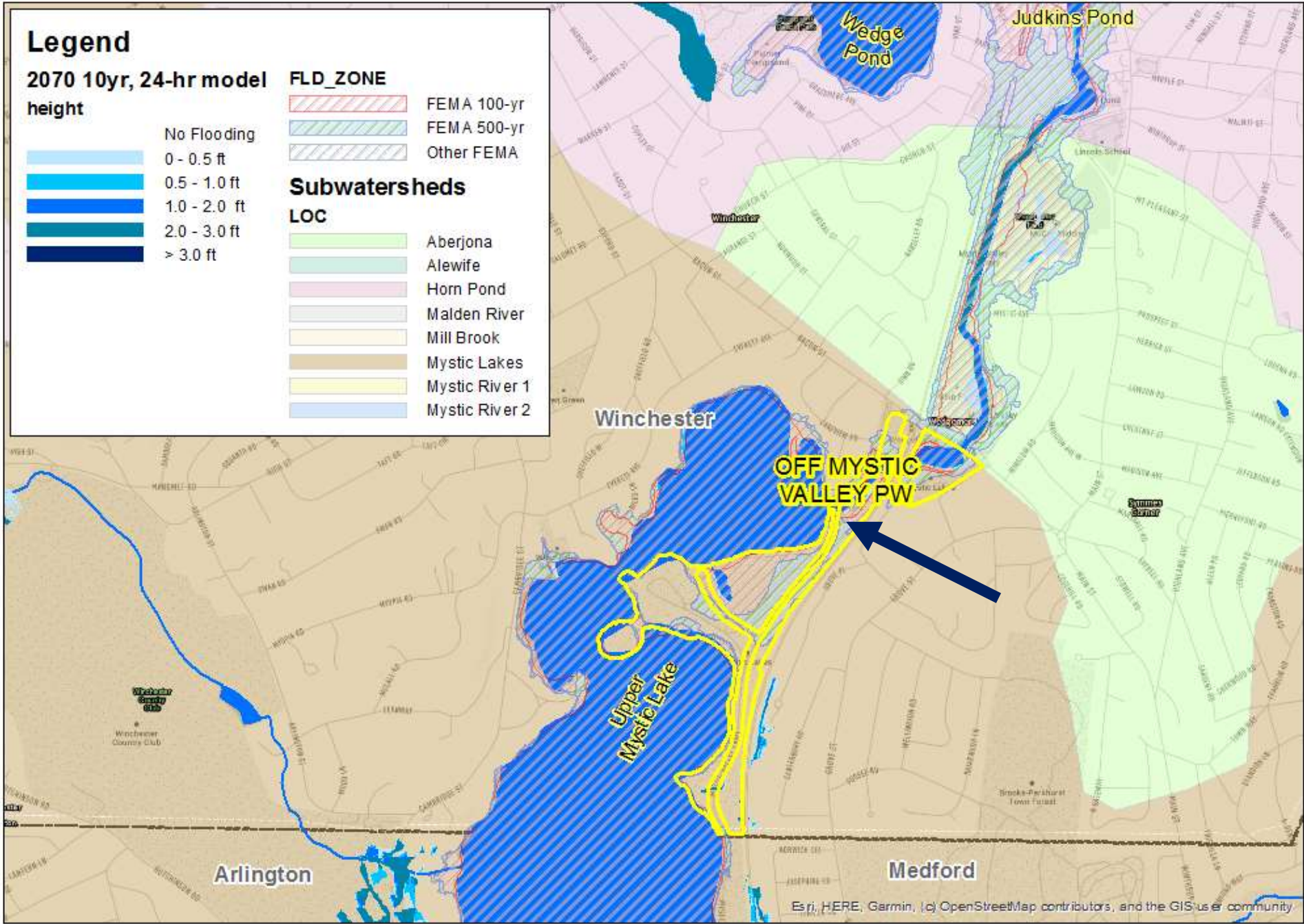
- Site is mostly within FEMA 100-yr flood zone, with portions in FEMA 500-yr zone, and modeled 2070 10-year flooding on-site and to the south of the cemetery. The site is at the downstream end of the Horn Pond subcatchment, but upstream of Horn Pond Brook’s discharge point to Wedge Pond.
- The site contains slopes between 3-6% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- The site contains both NHESP Priority Habitat and BioMap2 Critical Natural Communities.
- The site is in a census tract that scores in the least vulnerable quartile per CDC’s Social Vulnerability Index ($x < 0.25$, out of 1.0).
- The opportunity is located within an existing public open space.
- Winter Pond, along with Little Winter Pond, is a potential candidate site for Active Reservoir Management.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☐ No ☒

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology.
For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment.
When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
OFF MYSTIC VALLEY PW KLF_ID: AP-464 Winchester parcel ID: 17-214	DCR	~9 acres (of 38+ acre parcel)	The land is controlled by DCR, but it seems like a good location for a potential retrofit project. DCR is looking to build a new bathhouse here in 2021

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	4	5	3
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
3	1	5	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
2	1	5

Scoring Notes

- Site contains both FEMA 100-yr and FEMA 500-yr flood zone areas. Modeled 2070 10-year flooding is also present in areas on-site. The site at the upstream end of Upper Mystic Lake.
- DCR-owned site with protected site uses under Article 97 (per MassGIS Open Space layer).
- Site contains between 3-6% slopes, and is mostly forest, grass, and wetland land cover.
- The site is in a census tract that scores in the least vulnerable quartile per CDC’s Social Vulnerability Index ($x < 0.25$, out of 1.0).
- The opportunity is located within an existing public open space with greater connectivity or greenway potential.

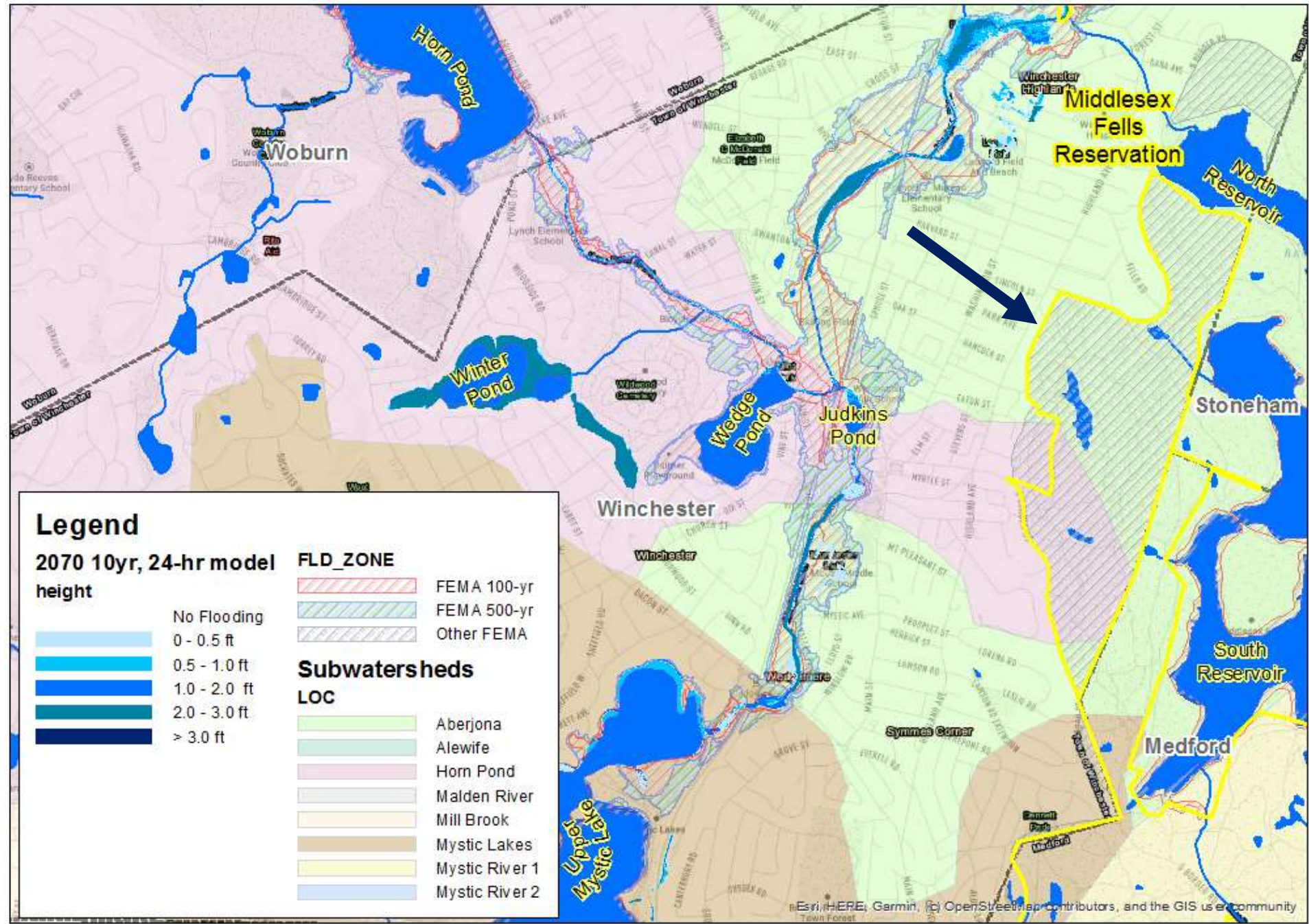
Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology.
For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment.
When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

would need more investigation of bedrock and slopes, and ability to get water here. Also would need to be careful as this is within area draining to drinking water reservoir

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
Middlesex Fells Reservation KLF_ID: OS-083 Winchester parcel ID: n/a	DCR	>11 acres of “suitable” area by Long Pond & Cranberry Trail (of 215+ acre parcel)	Seems like a good area, assuming DCR is agreeable.

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
3	3	1	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
3	1	5	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
1	1	5

Scoring Notes

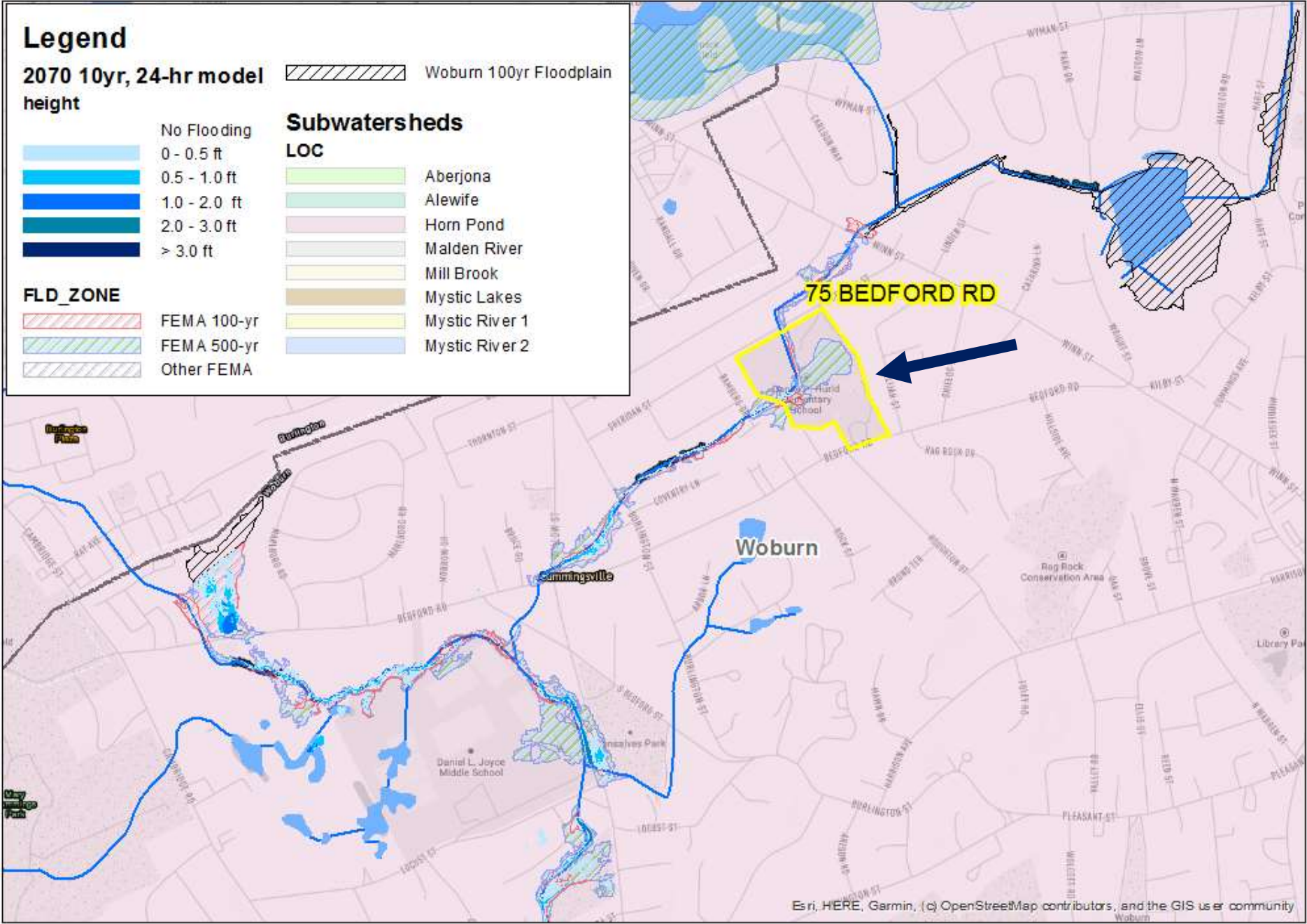
- Site is mostly within FEMA D flood zone (‘Possible but undetermined hazard’). The site is between the Middle and South Reservoir sites and the lower Aberjona River.
- The site contains slopes between 3-6%, and contains both NHESP Priority Habitat and BioMap2 Critical Natural Communities.
- DCR-owned site with protected site uses under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the least vulnerable quartile per CDC’s Social Vulnerability Index ($x < 0.25$, out of 1.0).
- The opportunity is located within the Middlesex Fells Reservation (public open space) with greater connectivity or greenway potential.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
75 BEDFORD RD (former Hurl Elementary School) KLF_ID: AP-717	City of Woburn	>6 acres (of 11.4 acre parcel)	

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	4	5	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
5	5	5	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
2	5	5

Scoring Notes

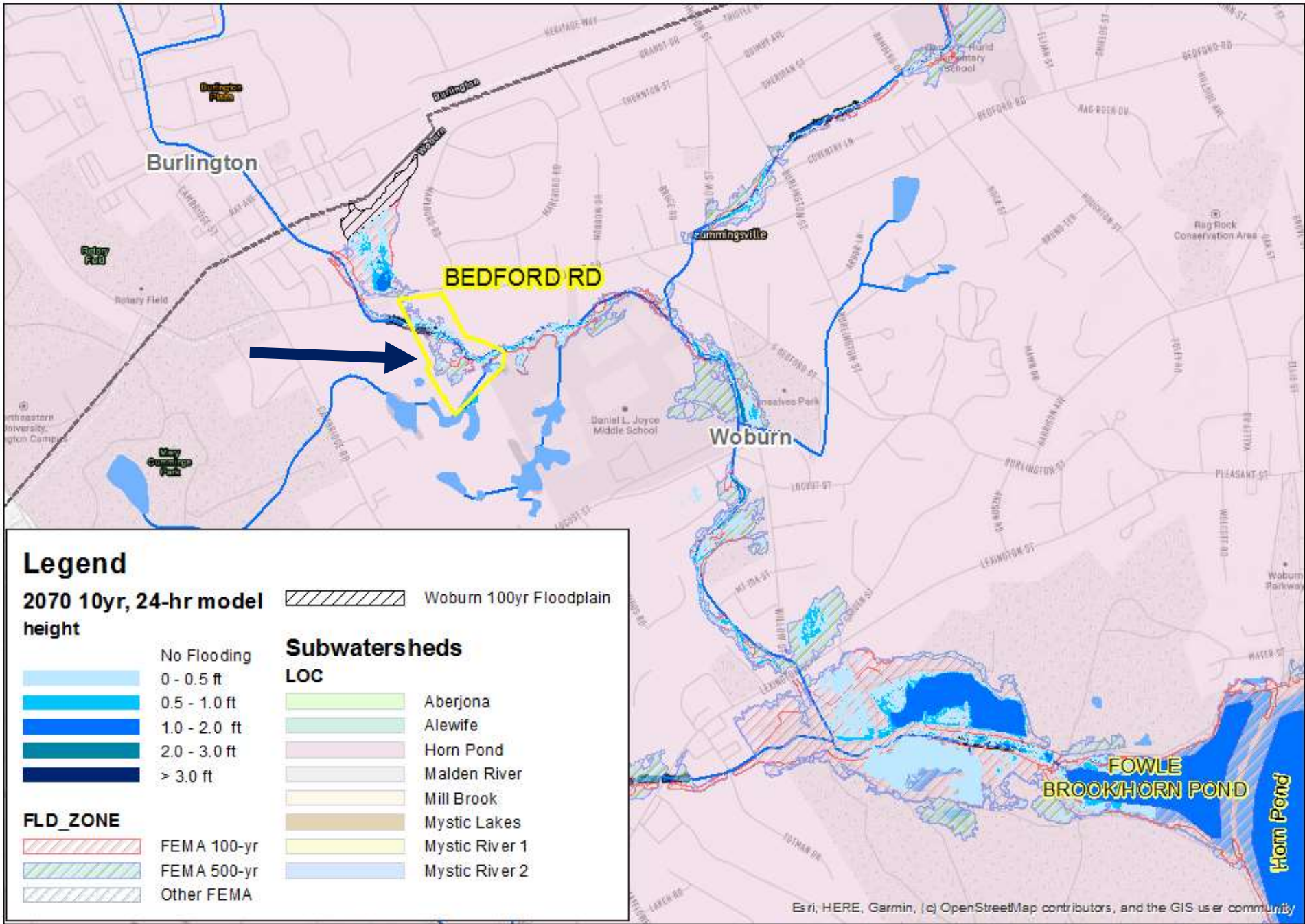
- Site contains both FEMA 100-yr and FEMA 500-yr flood zone areas. Modeled 2070 10-year flooding is present downstream but not on-site (however model resolution and piped infrastructure was limited in this area). The site is along Cummings Brook, upstream of confluence with Little Brook, and Horn Pond.
- The site contains flat slopes <3% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the most vulnerable quartile per CDC’s Social Vulnerability Index (x > 0.75, out of 1.0) that also has modeled piped infrastructure flooding.
- The opportunity is located along Cummings Brook with potential for public open space or greenway connectivity potential.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☒ Potentially ☐ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
undeveloped BOSTON EDISON CO parcel KLF_ID: AP-740	Private parcel (BOSTON EDISON CO)	~6.3 acres	

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	4	5	5

Existing Slope, Soils	Article 97 protection status	Public Acceptance
5	5	4

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
3	5	5

Scoring Notes

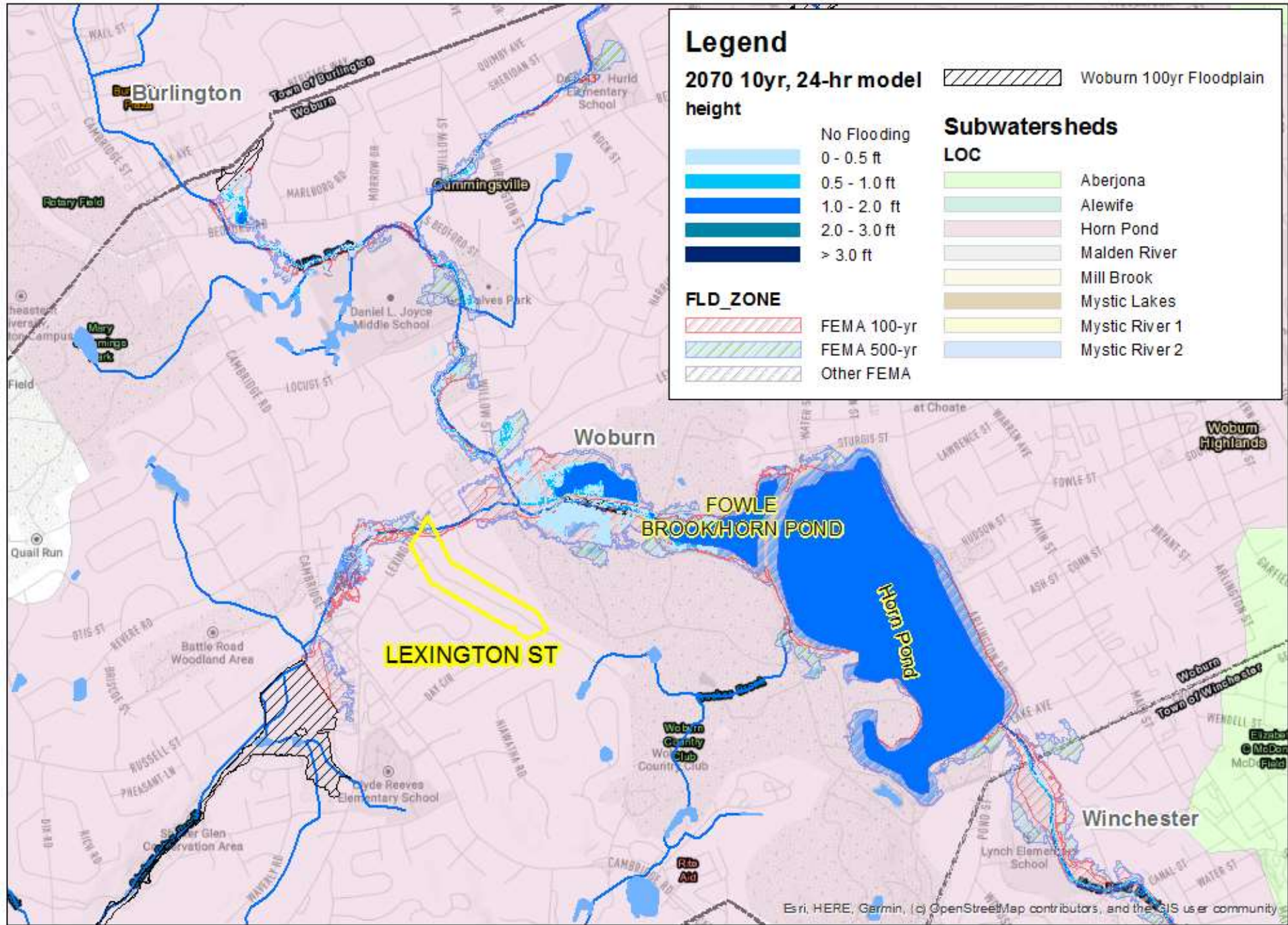
- Site contains both FEMA 100-yr and FEMA 500-yr flood zone areas. Modeled 2070 10-year flooding is also present on-site. The site is along Little Brook, upstream of confluence with Cummings Brook, and Horn Pond.
- The sites contain flat slopes <3% and is not protected site use under Article 97 (per MassGIS Open Space layer), but is privately-owned.
- The site is in a census tract that scores in the most vulnerable quartile per CDC's Social Vulnerability Index (x > 0.75, out of 1.0) that also has modeled piped infrastructure flooding.
- The opportunity is on a private parcel with potential for public open space or greenway connectivity.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
undeveloped BOSTON EDISON CO parcels KLF_ID: AP-743	Private parcel (BOSTON EDISON CO)	~11.8 acres	

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	4	5	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
3	5	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
3	5	5

Scoring Note

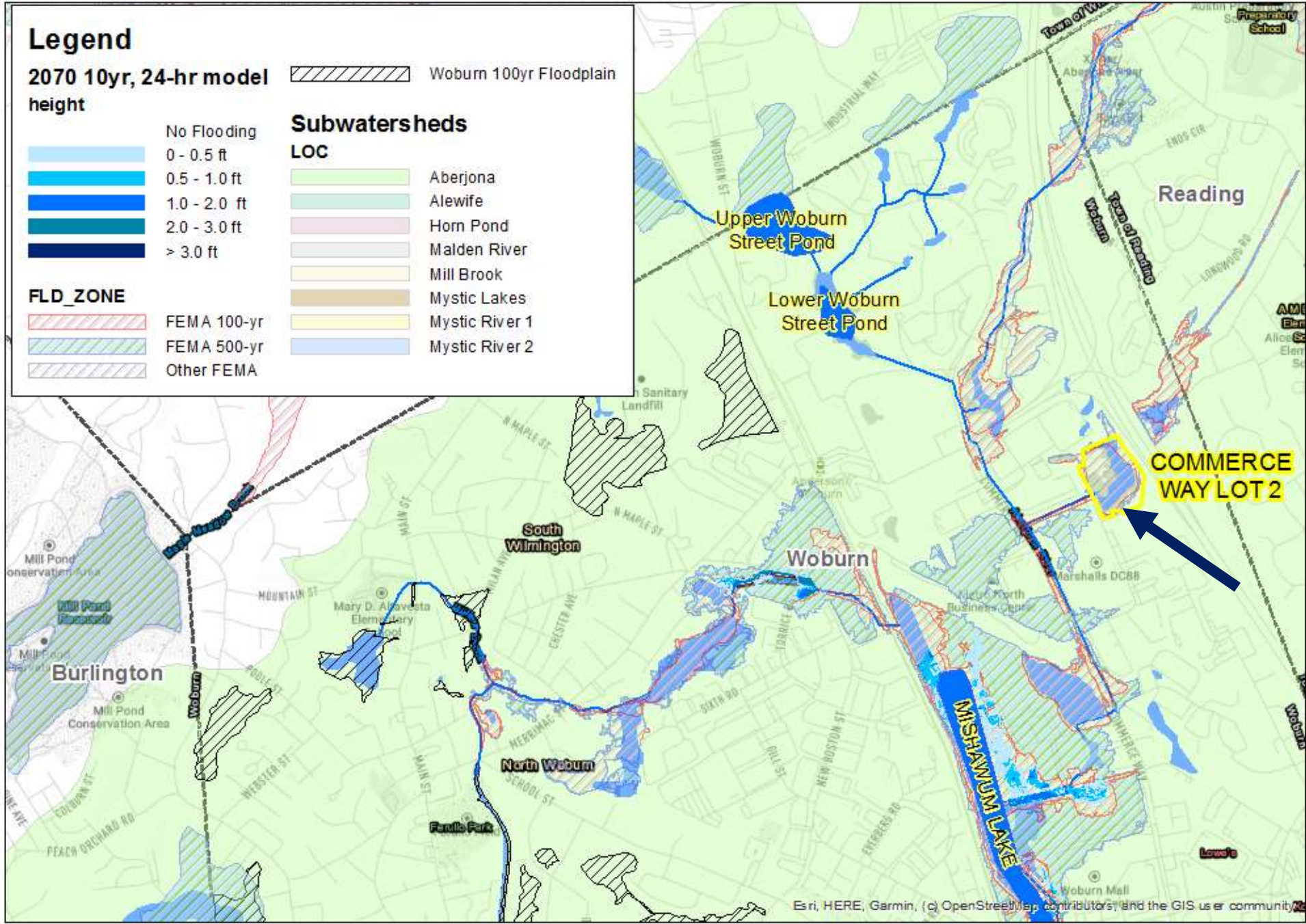
- Small portion of site is within FEMA 100-yr and FEMA 500-yr flood zone areas. Modeled 2070 10-year flooding is also present on-site. The site is between Four Corners and Fowle Brook, upstream of Horn Pond.
- The sites contains slopes between 3-6%, and is not protected site use under Article 97 (per MassGIS Open Space layer), but is privately-owned.
- The site is in a census tract that scores in the most vulnerable quartile per CDC’s Social Vulnerability Index (x > 0.75, out of 1.0) that also has modeled piped infrastructure flooding.
- The opportunity is on a private parcel with potential for public open space or greenway connectivity.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology.
For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment.
When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
COMMERCE WAY LOT 2 KLF_ID: AP-800	City of Woburn	~9.7 acres	

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	1	3	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
1	5	5	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
1	3	5

Scoring Notes

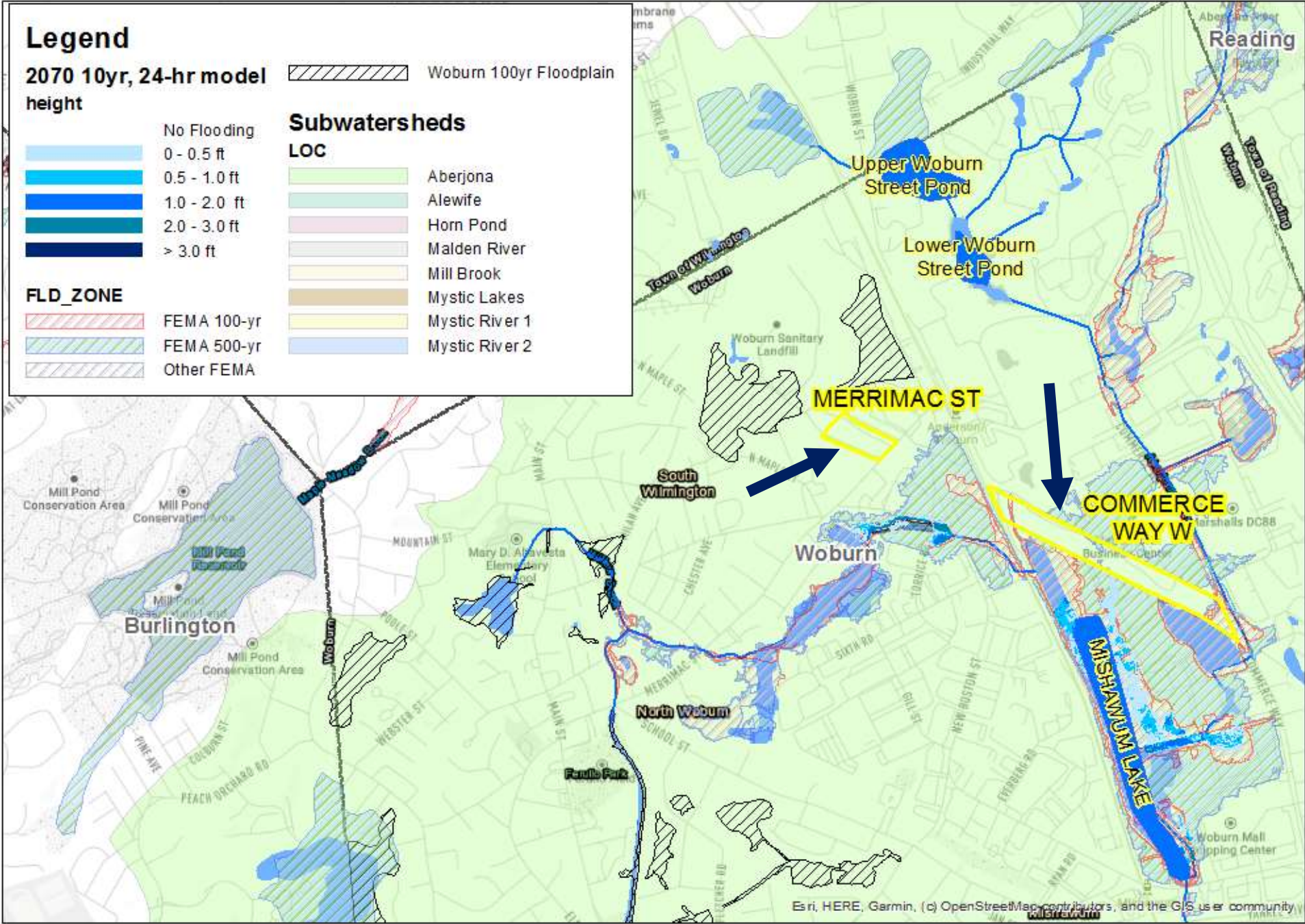
- Most of site is within FEMA 100-yr flood zone, with portions in FEMA 500-yr zone. Modeled 2070 10-year flooding was not present in this location, however model piped infrastructure was limited in this area. The site is offline from the Aberjona River main channel, north of Mishawum Lake.
- The site contains some slopes >6% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the middle range quartile per CDC's Social Vulnerability Index ($0.25 < x < 0.5$, out of 1.0).
- The opportunity is located in a dense urban area in close proximity to channelized Aberjona River segment.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☒ Potentially ☐ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
undeveloped BOSTON EDISON CO parcels KLF_ID: AP-738. AP-744	Private parcels (BOSTON EDISON CO)	~16.3 acres, ~4.3 acres	

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4, 5 (AP-744)	1	3	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
5, 1 (AP-744)	5	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
3	3	3

Scoring Notes

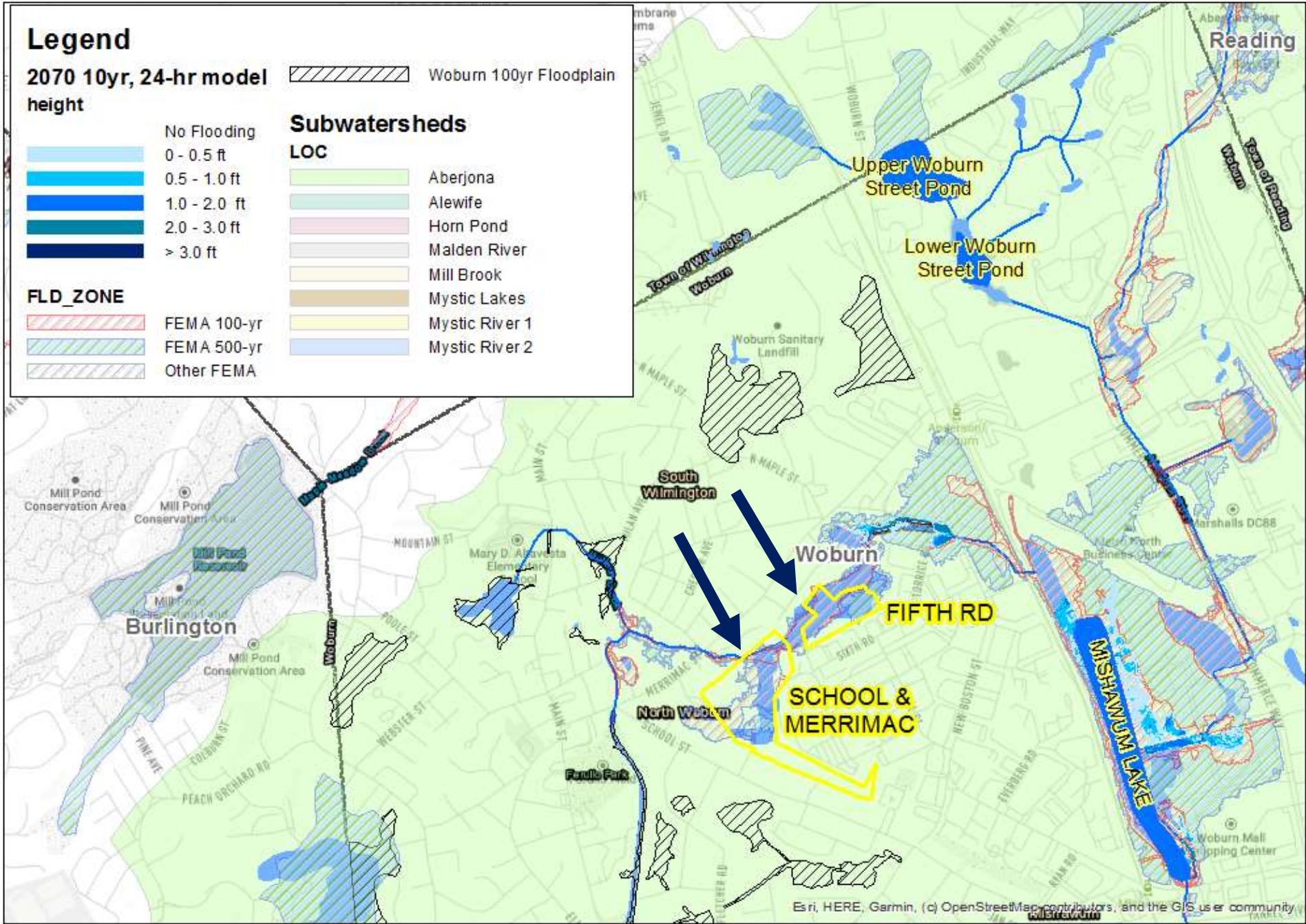
- Portions of AP-738 site are in FEMA 100-yr flood zone. Modeled 2070 10-year flooding was not present in this location, however model piped infrastructure was limited in this area. The site is offline from the Aberjona River main channel, north of Mishawum Lake.
- The AP-744 site contains some slopes >6%. Neither site is a protected site use under Article 97 (per MassGIS Open Space layer), but both are privately-owned.
- The sites are in a census tract that scores in the middle range quartile per CDC's Social Vulnerability Index (0.25 < x < 0.5, out of 1.0).
- The opportunity is located along utility corridor within 0.5-mile of channelized Aberjona River segment.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☒ Potentially ☐ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
FIFTH RD, SCHOOL & MERRIMAC KLF_IDs: AP-797, AP-798	City of Woburn	~ 4 acres (of 7-acre parcel), ~ 4 acres (of 21-acre parcel)	

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
4	1	3	5

Existing Slope, Soils	Article 97 protection status	Public Acceptance
5, 1 (AP-798)	5	4

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
1	3	5

Scoring Notes

- Sites are mostly within FEMA 100-yr flood zone, with portions in FEMA 500-yr zone. Modeled 2070 10-year flooding was not present in this location, however model piped infrastructure was limited in this area. The sites are along Halls Brook, upstream of the Aberjona River main channel and north of Mishawum Lake.
- Site AP-797 contains some slopes >6%. Neither site is a protected site use under Article 97 (per MassGIS Open Space layer), but both are privately-owned.
- The sites are in a census tract that scores in the middle range quartile per CDC’s Social Vulnerability Index ($0.25 < x < 0.5$, out of 1.0).
- The opportunity is located along Halls Brook tributary to Aberjona River segment with potential for public open space or greenway connectivity.

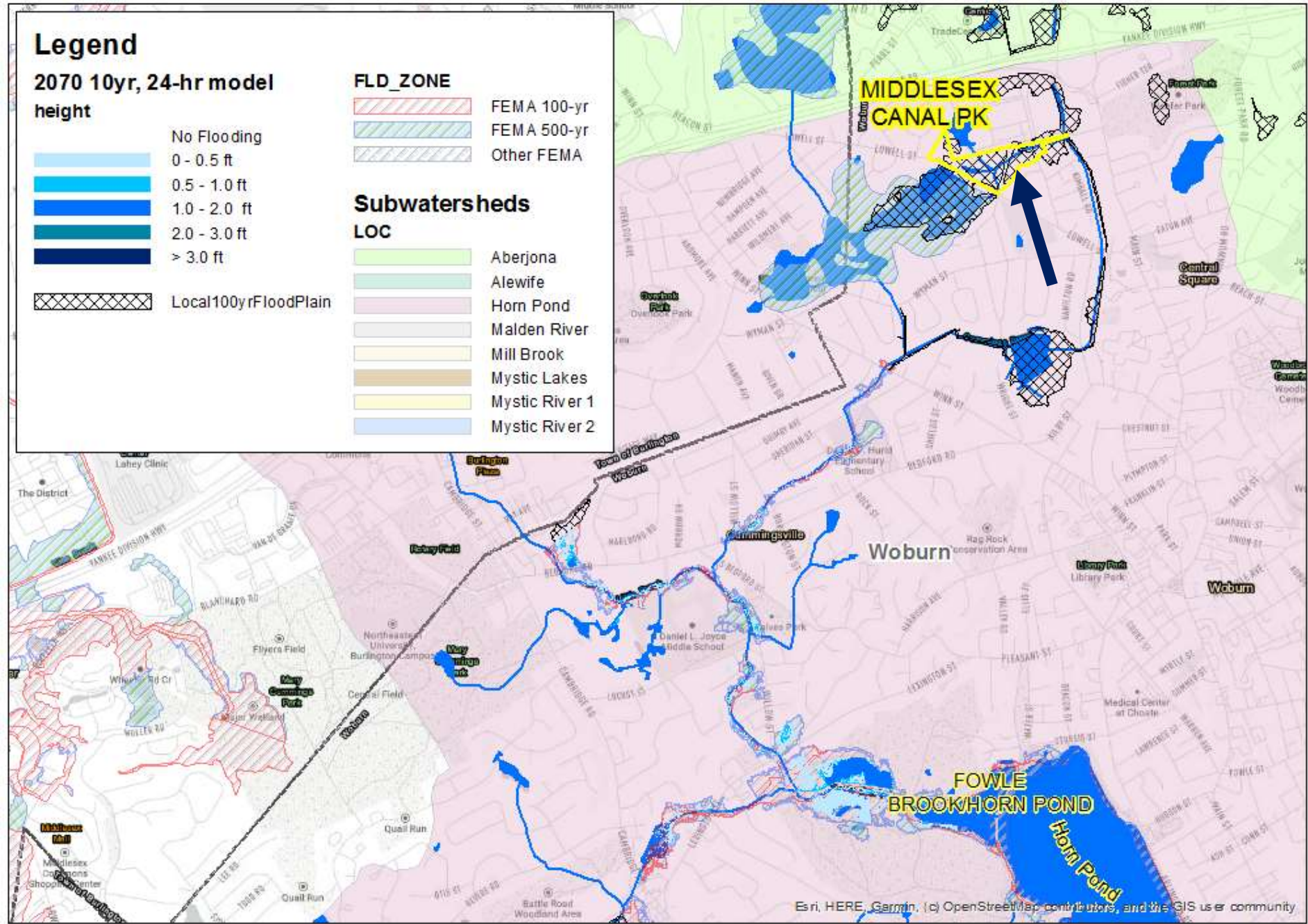
Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

alternative site to WOB2 or WOB3 for re-directing drainage from Cummings Park commercial (prior industrial area) w/o stormwater controls

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
undeveloped parcel KLF_ID: AP-767	Private parcel (NAI ENTERTAINMENT HOLDINGS LLC)	>12 acres (may be private stormwater BMP?)	

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
5	1	1	5
Existing Slope, Soils	Article 97 protection status	Public Acceptance	
5	5	4	

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
1	2	5

Scoring Notes

- The site is adjacent to FEMA 500-yr flood zone areas. Modeled 2070 10-year flooding was not present in this location, however model piped infrastructure was limited in this area. The site is located in the upstream reaches of the Horn Pond subcatchment.
- The site contains flat slopes <3% and is not protected site use under Article 97 (per MassGIS Open Space layer).
- The site is mostly high-density forested/wetland land cover.
- The site is in a census tract that scores in the low-mid range per CDC's Social Vulnerability Index ($0.25 < x < 0.5$, out of 1.0).
- The opportunity is located between Well Field and Forest Park on a private parcel with potential for public open space or greenway connectivity.

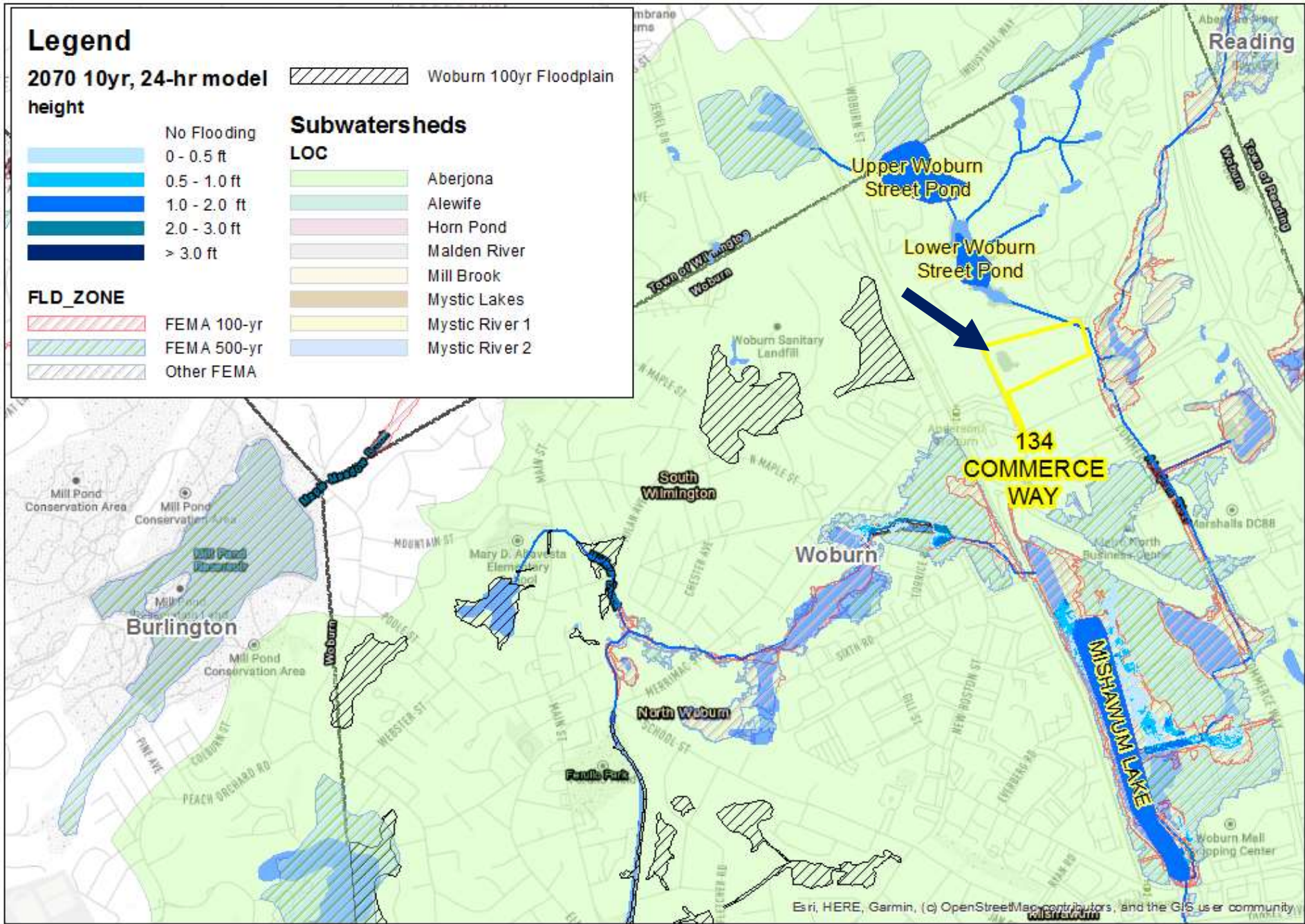
Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity

alternative site to WOB2 or WOB3 for re-directing drainage from Cummings Park commercial (prior industrial area) w/o stormwater controls

Site Address / Name	Property Owner	Size estimate of suitable opportunity space:	Town Notes / Feedback:
134 COMMERCE WAY KLF_ID: AP-753	Private parcel (INDUSTRIPLEX WOBURN LLC)	~3.5 acres (of 11.7 acre parcel)	

Site Opportunity map:



Summary of Tier I criteria (1- Lowest score, 5-Highest score)

FEMA	2070 10-yr 24hr (riverine/overbank flooding)	2070-10-yr 24hr (subcatchment/piped infrastructure flooding)	Regional (subcatchment) weight
5	1	3	5

Existing Slope, Soils	Article 97 protection status	Public Acceptance
1	5	4

Summary of Tier II criteria (1- Lowest score, 5-Highest score)

Land Cover & Habitat (Restoration Potential)	Socially Vulnerable Populations (Equitable Access & Flood Risk)	Proximity to existing park space, or Mystic waterfront (Connectivity)
3	3	3

Scoring Notes

- The site is not within any FEMA flood zone. Modeled 2070 10-year flooding was not present in this location, however model piped infrastructure was limited in this area. The site is located in adjacent to the upper portion of Aberjona River.
- The site contains some steep slopes >6%, but is not protected site use under Article 97 (per MassGIS Open Space layer).
- The site is in a census tract that scores in the middle range per CDC's Social Vulnerability Index ($0.5 < x < 0.75$, out of 1.0).
- The opportunity is located at the edge of dense urban area with potential for public open space or greenway connectivity.

Does the Town envision that implementation of a wetland-scale GI project in this location could also mitigate or solve a local flooding issue: Definitely ☐ Potentially ☒ No ☐

For all wetland opportunities, it is worth considering that baseflow drainage conditions (i.e., inter-storm event) would require ~1:100 loading ratio to maintain wetland function and ecology. For example, 3-acre wetland opportunity, a 300-acre (or larger) drainageshed would be re-routed towards the wetland, resulting in a local opportunity for flood storage and/or water quality treatment. When considering the size of upstream drainage that could be routed to the wetland GI, we recommend considering any localized flood issues that could potentially be addressed or mitigated as a result of this opportunity