Casco Bay Estuary Project
Muskie School of Public Service
University of Southern Maine
49 Exeter Street
Portland, Maine 04104

FINAL HABITAT RESTORATION INVENTORY SUMMARY REPORT

FOR THE LOWER PRESUMPSCOT RIVER WATERSHED

VOLUME II

APRIL 2005

Prepared by: **Northern Ecological Associates, Inc.**
451 Presumpscot Street
Portland, Maine 04103

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This program is supported by the Gulf of Maine Council on the Marine Environment and the National Oceanic and Atmospheric Administration (NOAA) Award #NA17FZ1390

Gulf of Maine Council on the Marine Environment

NOAA

APPENDIX A

FIELD DATA FORMS

FORM 1: Site Identification and Degradation Scoring

Site ID:	**Waterbody:**	**Date:**	**Evaluator(s):**
State: Maine	**County:**	**Town:**	**Zip Code:**
Ownership: Public Private Both	**Owner Name(s):**		
Photo #'s:	**Approximate length of evaluation area:**		
Location (x,y):	**System Type: Estuarine Riverine Lacustrine**		
Restoration recommendations, challenges, considerations:			
General Description of Area and Restoration Need (land uses, cover types, impairments, sources of problems):			

Source(s) or Causes of Degradation (circle all that apply)

1	Rip-rap (or other artificial hard structure)	**7**	Impervious surface with potential for runoff into waterbody
2	Fill/debris/trash	**8**	Dam/obstruction
3	Drainage issue	**9**	Land clearing (not maintained as right-of-way)
4	ATV/off-road vehicle damage	**10**	Right-of-way clearing (maintained open corridor for road, utility, railroad)
5	Culvert issue	**11**	Unstable bank
6	Invasive plant species	**12**	Land use activity is a potential nutrient/pollution source

Indicators of Degradation (problems that result from the sources of degradation listed above)
(score impact/severity when present 1.0 = very high, .75 = high, .50 = moderate, .25 = low)

	Field Indicator	**Score**	**Comments**
1	Low water quality/clarity (turbid, muddy, surface sheen, algal growth, smell of pollutants)		
2	Impediment to natural water flow (constrictions, restrictions, redirection of flow)		
3	Obstruction to fish passage (seasonal water withdrawal, dams, culverts that obstruct passage, diversions)		
4	Low bank stability/erosion (evidence of bank failure, fallen trees, undercutting, no overhanging vegetation on bank tops)		
5	Areas of concentrated high velocity runoff into waterbody (i.e., paved gullies, steep swales)		
6	Apparent lack of or impaired native vegetation along shoreline and/or bank (vegetation in freshwater and tidal systems)		
7	Unnatural channel (downcutting, widening, straightening, or evidence of manmade structures in or along channel that alter channel or reduce erosion of banks)		
8	Evidence of repeated flooding/severe flooding (watermarks, sediment deposits, flood damage)		
9	Evidence of unnatural sediment build-up/accumulation		
10	Impaired aesthetic quality		
11	Buffer of well-vegetated shrubs and/or trees < 250 ft. wide (adjacent to waterbody and/or associated wetland)		
12	Adjacent to sources of potential high nutrient input or pollution (i.e., golf courses, agricultural areas, housing developments, large lawns) AND has a small buffer (< 250 ft)		
13	Wetland loss (filled or hydrologic connection impaired)		
14	Direct disturbance to in-stream substrate		
	TOTAL DEGRADATION SCORE		

FORM 2 – Conceptual Costs

SITE ID: _____

Cost

Low < $25,000
Moderate > $25,000 to < $75,000
High > $75,000 to < 150,000
Very High > $150,000

Checklist of factors that will contribute to higher costs		
1	Plantings/landscaping	
2	Invasive species control	
3	Soil amendments	
4	Soil/fill removal	
5	Biostabilization/erosion sediment control	
6	Hard structure stabilization	
7	Soil stabilization erosion control	
8	Minor grading	
9	Major grading	
10	Impervious surface removal	
11	Remove/modify areas of concentrated runoff	
12	Construct storm water management device	
13	Construction access	
14	Trash/debris removal	
15	Construct recreational facilities/access	
16	Removal of obstructions (dams, culverts)	
17	Clearing and grubbing	
18	Mobilization/demobilization	
19	Maintenance	
20	Exclusion devices/animal control (herbivores, ATV access)	
21	Engineering Designs	
22	Topographic Surveys	

Comments:

FORM 3 - Potential Challenges or Limitations to Restoration

SITE ID: _____

Potential Challenges or Limitations (check those that will likely apply to the site, and indicate if an item was researched and found NOT to be a problem)		
1	Ownership private and landowner unwilling to support activity	
2	Low potential for partnering, in-kind support, financial support	
3	Utility/infrastructure (right-of-way, railroad tracks, buried cable/waterline/sewer line)	
4	Topographic or geologic (steep slopes, shallow bedrock)	
5	Hazardous materials (contaminated site, soils)	
6	Limited access	
7	Threatened/Endangered species or cultural resources	
8	Low likelihood of long-term success due to natural site conditions	

Comments:

FORM 4 – Supplemental Site Evaluation Site ID: _____ Date: _____

CHANNEL MORPHOLOGY Parameter

		Not Evaluated	0	0.25	0.5	0.75	1
	Scored Features						
1	Undercutting of banks from contact with high velocity water flow		None observed	Low < 10%	Moderate 10 – 20%	High > 20 – 40%	Very High > 40%
2	Erosion of banks from upslope runoff (gullies)		None observed	Low < 10%	Moderate 10 – 20%	High > 20 – 40%	Very High > 40%
3	Steepness of banks (gradual topography/wetlands along bank increase capacity for flood control, reduces erosion of bank)		Flat 0 to 10˚	Gradual > 10˚ to 25˚	Moderate > 25˚ to 45˚	Steep > 45˚ to 65˚	Very Steep > 65˚
4	Percent of banks covered with persistent vegetation		> 50%		25% - 50%		< 25%
5	Evidence of severe in-waterbody scouring		None observed	Low < 10%	Moderate 10 – 20%	High > 20 – 40%	Very High > 40%
6	Aggradations of sediment in waterbody		Not an impairment		Moderate impairment		Significant impairment
7	Evidence of significant increase in flood flow (floodplain flooding > every other year, bank and channel erosion, mid-channel bars, slumping, incising))		None observed	Present, minor impact			Present, major impact
8	Evidence of a significant decrease in flood flow (channel widening and shallowing, channel braiding, excessive sediment buildup on outside of bends in channel)		None observed	Present, minor impact			Present, major impact
9	Evidence of channelization/loss of sinuosity		None observed	Present, minor impact			Present, major impact

FORM 4 – Supplemental Site Evaluation Site ID: _____ Date: _____

IN-STREAM/FISH HABITAT Parameter

		Not Evaluated	0	0.25	0.5	0.75	1
	Scored Features						
1	Impediments/obstructions to fish passage present in waterbody (undersized culverts, dam/weirs with fish passage devices, major log jams)		None observed		Present, impedes passage		Present, complete obstruction
2	Average late-season pool area		Optimal 35% - 65%		High > 65%		Low < 35%
4	Presence of in-waterbody fish attractors (fallen trees, logs, dense brush, rocks/boulders, artificial attractors)		Optimal 15% - 50%		High > 50%		Low < 15%
5	Percent of bank with overhanging vegetation within 1 ft of water surface (cover for fish)		Abundant > 50%		Moderate 25% - 50%		Sparse < 25%
6	Riffle embededness/degree of siltation (degree that gravel/cobble in riffles are covered by finer sediments)		None/minor embeddedness		Moderately embedded		Completely embedded
7	Presence of riffles, runs and pools in general vicinity of restoration site		All observed		One absent	Two absent	All absent
8	Percent aquatic/intertidal vegetation		> 50%		> 25% - < 50%		< 25%
9	Restriction to shoreline breeding/foraging habitat		None observed		Present, minor restriction		Present, major restriction
	Unscored Features (Characterization Only)						
	Predominant substrate (circle substrate type)		Gravel/rubble		Sand		Boulder, bedrock or fine silts/clay
	Presence of aquatic insects and other macro invertebrates		Many	Common	Some	Few	None

FORM 4 – Supplemental Site Evaluation Site ID: _____ Date: _____

HUMAN DISTURBANCE Parameter

		Not Evaluated	0	0.25	0.5	0.75	1
	Scored Features						
1	Evidence of periodic direct disturbance to riparian areas/banks (ATV damage, livestock, mowing/cutting)		None observed		Yes, minor impact		Yes, major impact
2	Evidence of periodic direct disturbance in waterbody (ATV use, livestock impacts)		None observed		Yes, minor impact		Yes, major impact
3	Evidence of significant trash, debris, fill, hard structure in waterbody		None observed		Yes, minor impact		Yes, major impact
4	Evidence of significant trash, debris, fill, hard structure on shoreline bank		None observed		Yes, minor impact		Yes, major impact
5	Presence of commercial/industrial activity that is impacting the waterbody		None observed		Yes, minor impact		Yes, major impact

FORM 4 – Supplemental Site Evaluation Site ID: _____ Date: _____

RIPARIAN ZONE Parameter

		Not Evaluated	0	0.25	0.5	0.75	1
	Scored Features						
1	Forested buffer width (from top of slope)		> 250 ft	> 100 - < 250 ft.	> 50 - < 100 ft.	< 50 - > 25 ft	< 25 ft
2	Percent cover of riparian (top down, how much of ground surface is covered by vegetation) Riparian = veg within 75 ft of water		> 75%	50% - 75%	25% - 50%	5 - 25%	< 5%
3	Evidence of loss/degradation of native riparian vegetation (linear, how much of the former riparian vegetation is missing/degraded)		< 10%		> 10% - < 50%		> 50%
4	Percent cover of invasive/non-native plant species within 50 ft of waterbody		None observed	Trace - 25%	25% - 50%	50% - 75%	> 75%
5	Presence of significant wildlife attractors (dense brush, snags, boulders)		Many	Common	Some	Few	None
6	Number of layers/structure in buffer (herb, shrub, saplings, mature trees)		4	3	2	1	0
7	Obstruction/impediment to veg growth		None observed		Present, minor restriction		Present, significant restriction

FORM 4 – Supplemental Site Evaluation Site ID: _____ Date: _____

WATER QUALITY Parameter

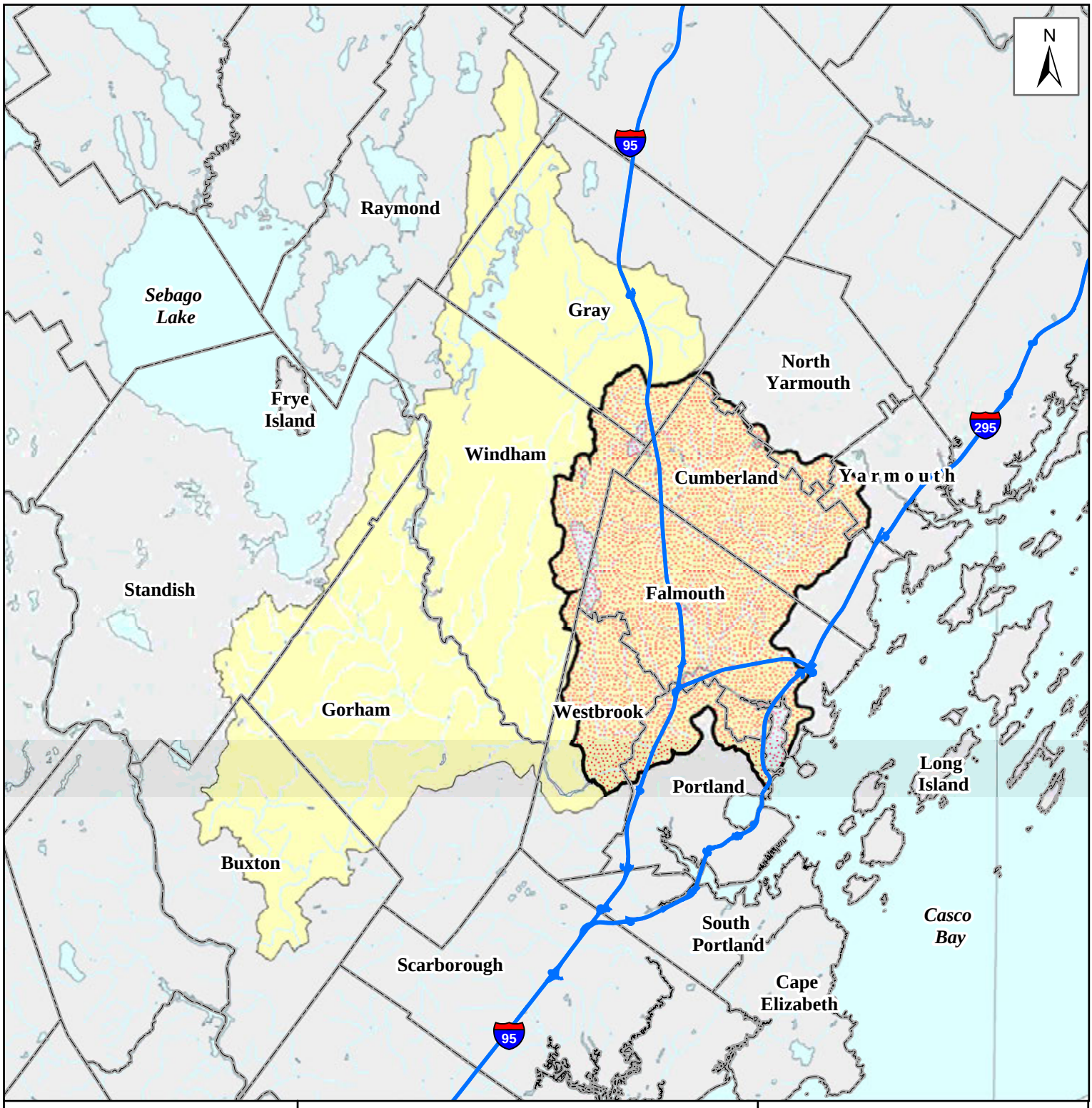
		Not Evaluated	0	0.25	0.5	0.75	1
	Scored Features						
1	Water clarity/turbidity (not color; visibility)		No obvious impairment		Impaired		Significantly impaired
2	Evidence of concentrated runoff (swales, gullies, pipes, etc., carry runoff directly to channel and not through vegetated areas for filtration)		None observed		Present, not significant		Present, potential problem
3	Topography of adjacent buffer areas (opportunities to improve water quality through sediment trapping/infiltration)		Flat 0 to 10˚	Gradual > 10˚ to 25˚	Moderate > 25˚ to 45˚	Steep > 45˚ to 65˚	Very Steep > 65˚
4	Potential for or evidence of pollution input (agricultural fields, lawns, golf courses) upslope of waterbody		None observed		Present, not significant		Present, potential problem
5	Impervious surface density within 250 feet of channel		< 25 %		25% - 50%		> 50%
6	Evidence of poor water quality (surface sheen, smell of pollutants, algal growth, data)		None observed		Present, not significant		Present, potential problem
	Unscored Features						
	Water color		Clear or tea color				Other

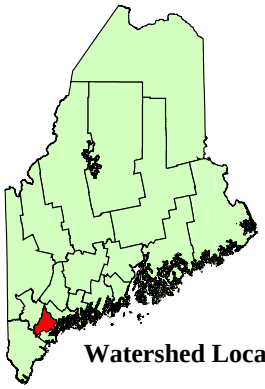
APPENDIX B

LIST OF RESTORATION SITES
AND
RESTORATION SITE SUMMARY REPORTS

APPENDIX C

ADDITIONAL FIGURES





Watershed Location

Data provided by Maine Office of GIS

2 1 0 2

Miles

Legend

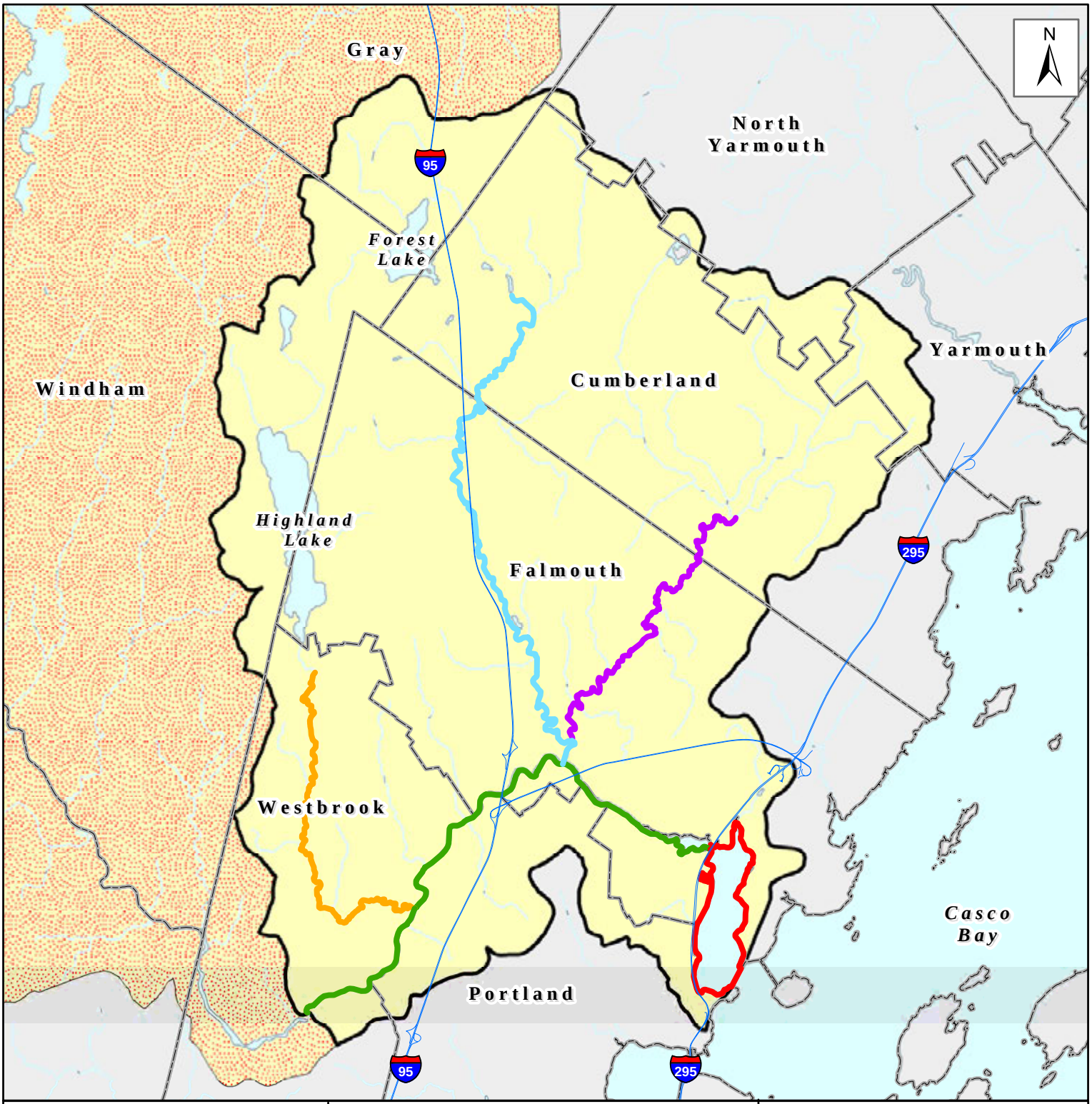
- Project Location
- Presumpscot River Watershed
- Ponds, Lakes, & Rivers
- Town Boundary
- Interstate

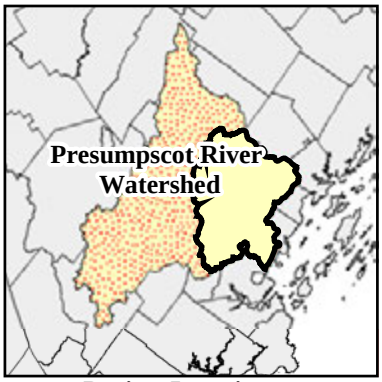
Project Location Map for Habitat Restoration Inventory of the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project — Habitat Restoration Program: Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05





Project Location

Data provided by Maine Office of GIS

2 1 0 2

Miles

Legend

- Project Boundary
- Presumpscot River Watershed
- Ponds, Lakes, & Rivers
- Town Boundary
- Interstate

Waterbodies Included in Inventory

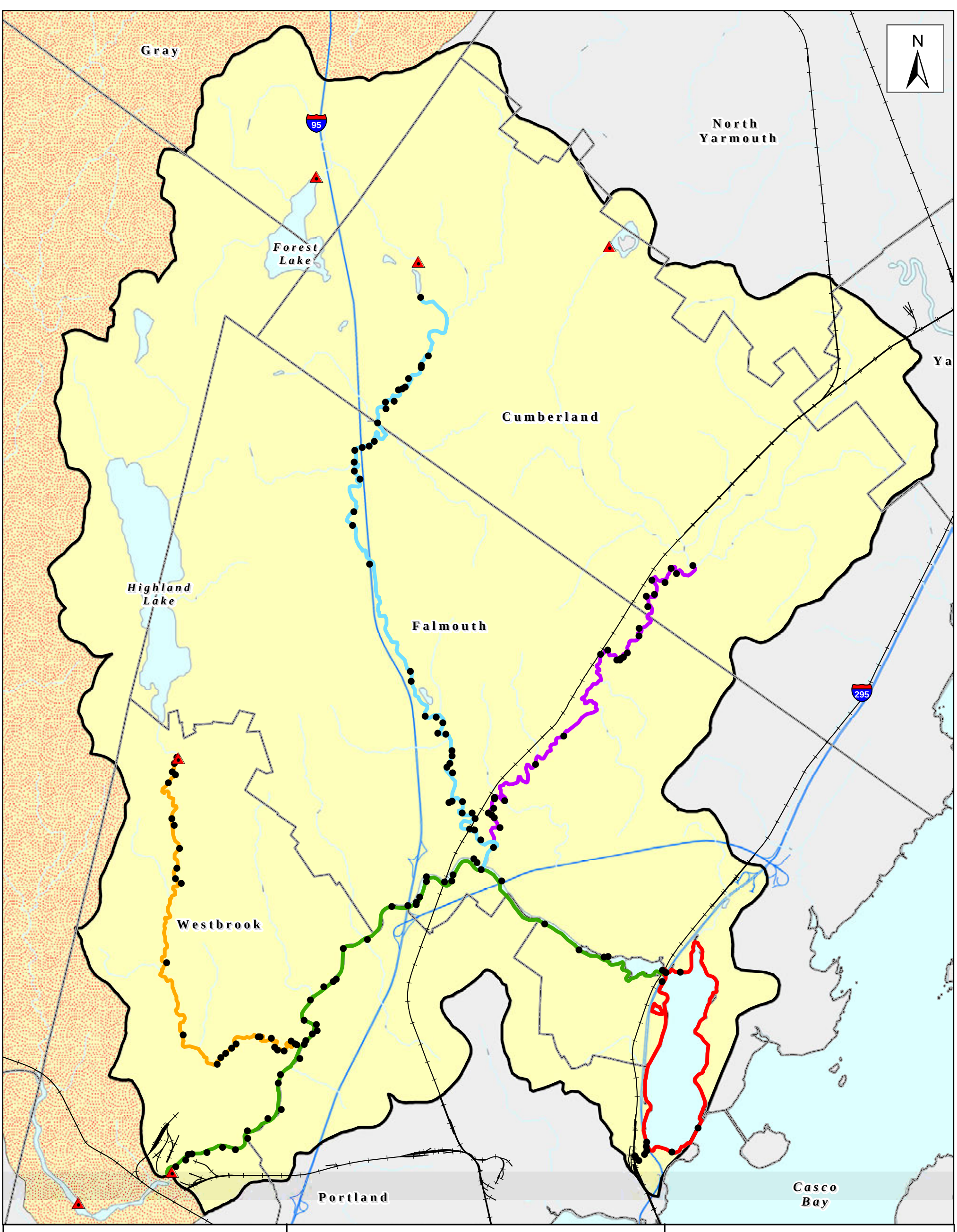
- East Branch of the Piscataqua River
- Mill Brook
- Presumpscot Estuary
- Presumpscot River
- West Branch of the Piscataqua River

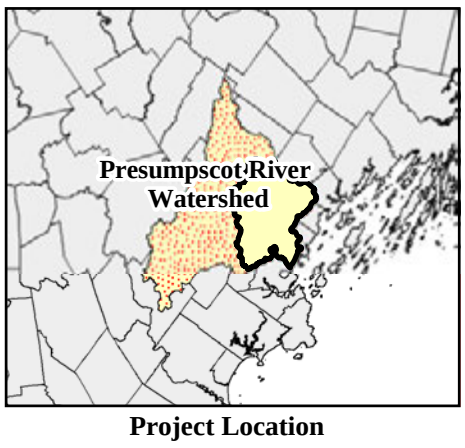
Waterbodies Included in the Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project, Habitat Restoration Program: Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05





Project Location

Data provided by Maine Office of GIS

1 0 1 2

Miles

Legend

- Project Boundary
- Presumpscot River Watershed
- Ponds, Lakes, & Rivers
- Town Boundary
- Interstate
- Railroad
- Dam
- Habitat Restoration Site

Waterbodies Included in Inventory

- East Branch of the Piscataqua River
- Mill Brook
- Presumpscot Estuary
- Presumpscot River
- West Branch of the Piscataqua River

Restoration Sites Identified in the Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project — Habitat Restoration Program: Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05

N

Map 1 of 3

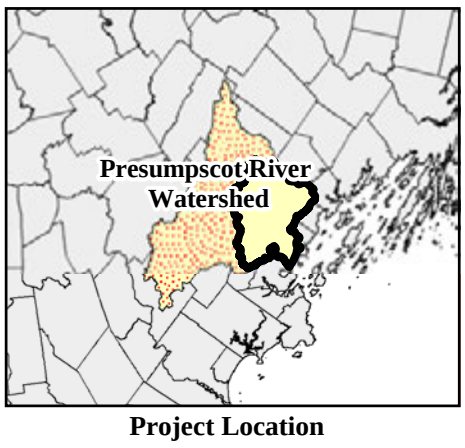
Map 2 of 3

Map 3 of 3

EB-01
EB-02A
EB-02
EB-03
EB-04
EB-05
EB-06
EB-07A
EB-07B
EB-08
EB-09
EB-10
EB-10A
EB-11
EB-12
EB-13A
EB-13B
EB-14
EB-15
EB-16
EB-17
EB-18
EB-19
EB-20A
EB-20B
EB-21
EB-22

Falmouth

Range Road
Longwoods Road
Winn Road
Field Road
Woodville Road
Woods Road
Falmouth Road
Interstate 95 Spur
9



Project Location

Data provided by Maine Office of GIS

0.5 0 0.5

Miles

Legend

- Project Boundary
- Presumpscot River Watershed
- Ponds, Lakes, & Rivers
- Town Boundary
- Interstate
- Local Road
- Primary Road
- Railroad
- Dam
- Habitat Restoration Site

Waterbodies Included in Inventory

- East Branch of the Piscataqua River
- Mill Brook
- Presumpscot Estuary
- Presumpscot River
- West Branch of the Piscataqua River

Index Map for the East Branch of the Picataqua River

Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project — Habitat Restoration Program: Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05

N

EB-02A

EB-01

EB-02

EB-04

EB-03

EB-06

EB-05

EB-07A

Longwoods Road

EB-07B

EB-08

EB-13A

EB-09

EB-13B

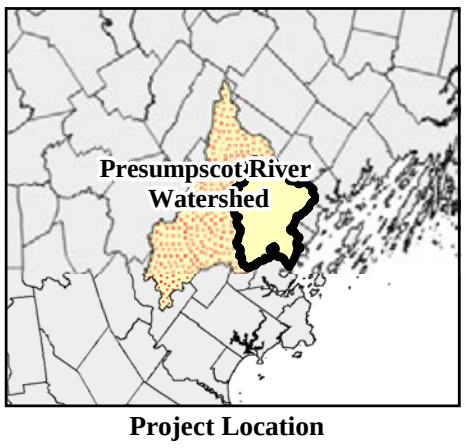
EB-10

EB-12

EB-11

EB-10A

Woodville Road



Project Location

Data provided by Maine Office of GIS

500 0 500 1,000 1,500

Feet

Legend

- Habitat Restoration Site
- Dam
- Town Boundary

Map 1 of 3
East Branch of the Picataqua River

Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project — Habitat Restoration Program: Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05

N

EB-07B

EB-08

EB-13A

EB-13B

EB-09

EB-10

EB-12

EB-11

EB-10A

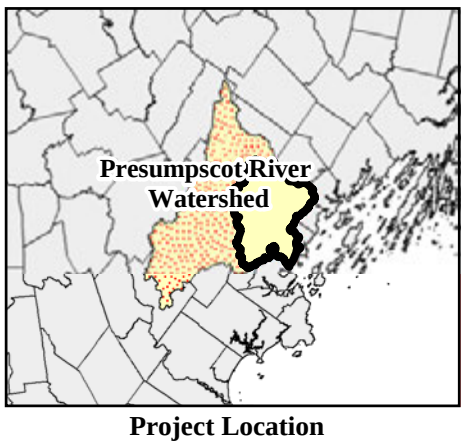
Field Road

Woodville Road

EB-14

EB-15

Woods Road



Project Location

Data provided by Maine Office of GIS

500 0 500 1,000 1,500

Feet

Legend

- Habitat Restoration Site
- Dam
- Town Boundary

Map 2 of 3
East Branch of the Picataqua River

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Prepared By: NEA

Date: 04/05

N

EB-14

EB-15

EB-17

EB-18

EB-16

EB-19

EB-20A

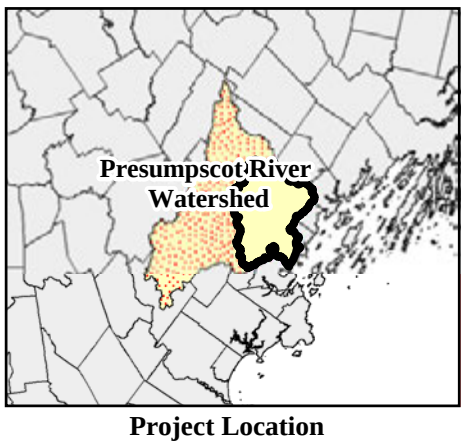
EB-20B

EB-21

EB-22

Falmouth Road

Interstate 95 Spur



Project Location

Data provided by Maine Office of GIS

500 0 500 1,000 1,500

Feet

Legend

- Habitat Restoration Site
- Dam
- Town Boundary

Map 3 of 3
East Brach of the Picataqua River

Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

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Prepared By: NEA

Date: 04/05

Map 1 of 3

Map 2 of 3

Map 3 of 3

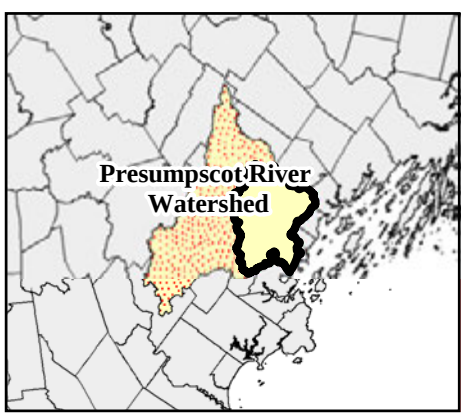
N

MB-01A
MB-01B
MB-02A
MB-02B
MB-03
MB-04
MB-05
MB-06
MB-07
MB-08
MB-09
MB-10
MB-11
MB-12
MB-13
MB-13A
MB-14A
MB-14B
MB-15
MB-16
MB-17
MB-18
MB-19
MB-20
MB-21
MB-21A
MB-22

Hardy Road
Duck Pond Road
Methodist Road
Bridgton Road
Brook Road

Falmouth
Westbrook

302
95



Project Location

Data provided by Maine Office of GIS

0.5 0 0.5
Miles

Legend

- Project Boundary
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- Ponds, Lakes, & Rivers
- Town Boundary
- Interstate
- Local Road
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- Railroad
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Waterbodies Included in Inventory

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Index Map for Mill Brook

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Prepared For: Casco Bay Estuary Project — Habitat Restoration Program: Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05

N

MB-01A

MB-01B

Hardy Road

MB-02A

MB-02B

Duck Pond Road

MB-03

MB-04

MB-05

MB-06

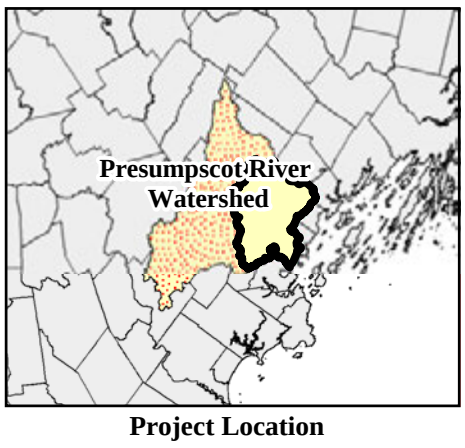
Methodist Road

Bridgton Road

MB-07

MB-08

MB-09



Project Location

Data provided by Maine Office of GIS

500 0 500 1,000 1,500

Feet

Legend

- Dam
- Habitat Restoration Site
- Town Boundary

Map 1 of 3
Mill Brook

Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

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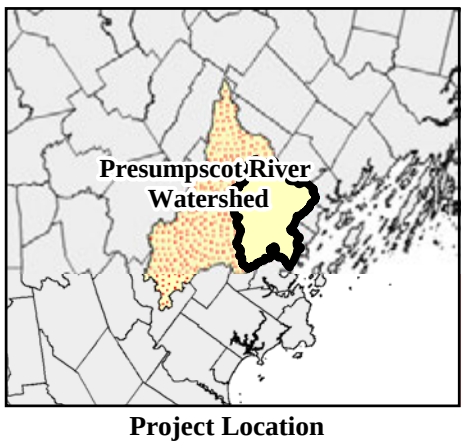

Project Location

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500 0 500 1,000 1,500

Feet

Legend

- Dam
- Habitat Restoration Site
- Town Boundary

Map 2 of 3
Mill Brook

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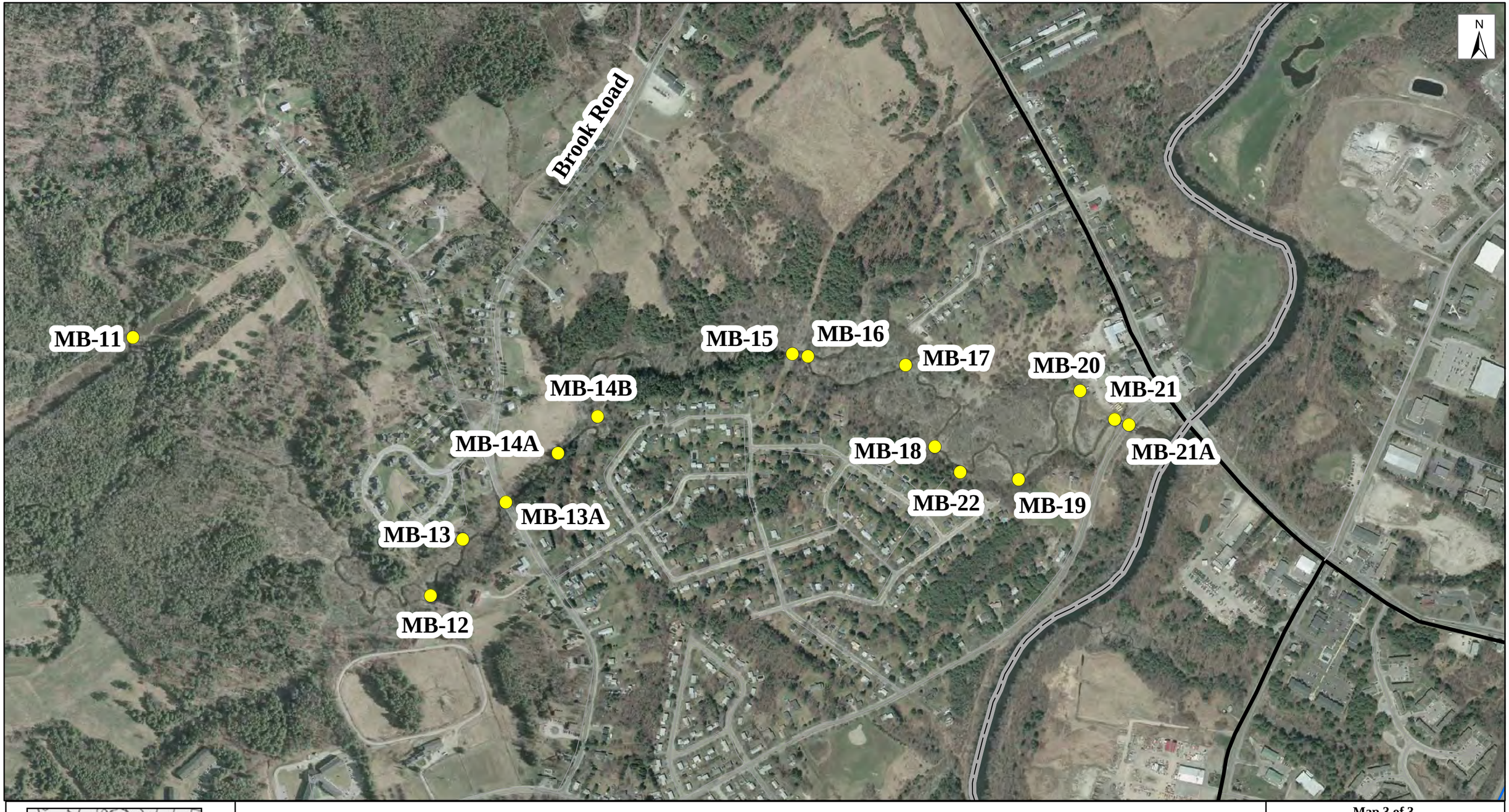
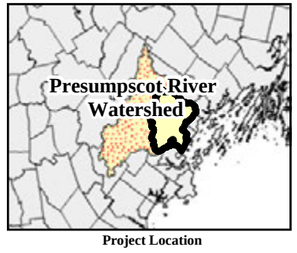




Project Location

Data provided by Maine Office of GIS

500 0 500 1,000 1,500 2,000

Feet

Legend

- Dam
- Habitat Restoration Site
- Town Boundary

Map 3 of 3
Mill Brook

Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project, Habitat Restoration Program, Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05

Map 1 of 2

Falmouth

PE-01A

PE-02

PE-01

9

295

Portland

1

PE-02A

PE-04

PE-04A

PE-05

PE-03

PE-07

PE-06

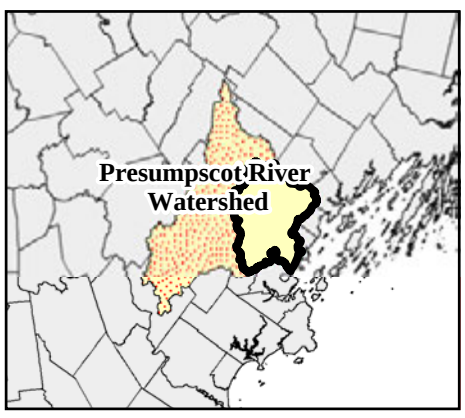
PE-08

PE-09

Casco Bay

Map 2 of 2

N



Project Location

Data provided by Maine Office of GIS

0.25 0 0.25

Miles

Legend

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- West Branch of the Piscataqua River

Index Map for Presumpscot Estuary

Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project — Habitat Restoration Program: Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05

Falmouth

PE-01A

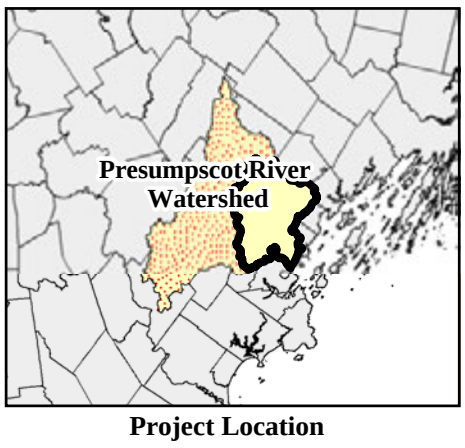
PE-02

PE-01

9

295

N



Project Location

Data provided by Maine Office of GIS

500 0 500 1,000

Feet

Legend

- Dam
- Habitat Restoration Site
- Town Boundary

Map 1 of 2
Presumpscot Estuary

Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project — Habitat Restoration Program: Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05

N

9

295

Portland

1

PE-02A

Casco Bay

PE-04

PE-04A

PE-05

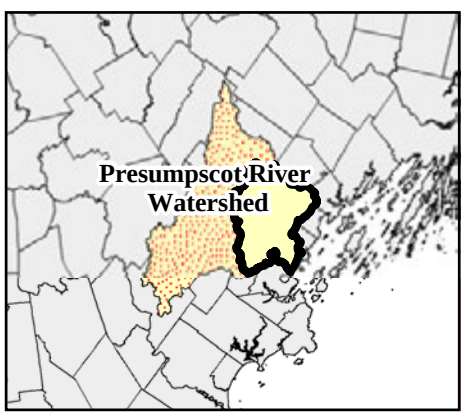
PE-03

PE-07

PE-06

PE-08

PE-09



Project Location

Data provided by Maine Office of GIS

500 0 500 1,000

Feet

Legend

- Dam
- Habitat Restoration Site
- Town Boundary

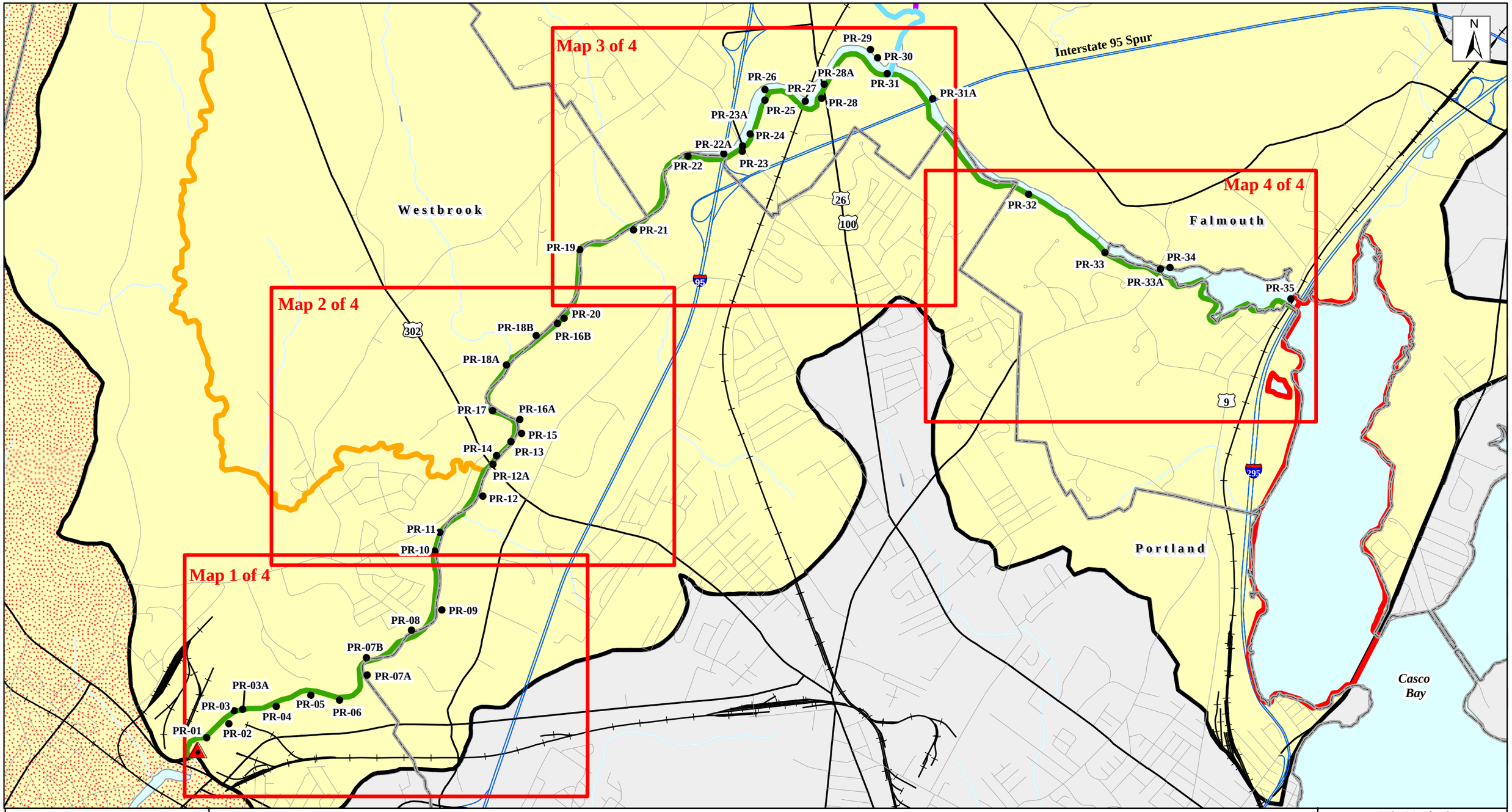
Map 2 of 2
Presumpscot Estuary

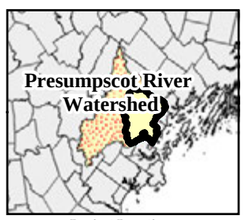
Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project
HABITAT RESTORATION PROGRAM:
Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05





Project Location

Data provided by Maine Office of GIS

0.5 0 0.5 1

Miles

Legend

- Project Boundary
- Presumpscot River Watershed
- Ponds, Lakes, & Rivers
- Town Boundary
- Interstate
- Local Road
- Primary Road
- Railroad
- Dam
- Habitat Restoration Site

Waterbodies Included in Inventory

- East Branch of the Piscataqua River
- Mill Brook
- Presumpscot Estuary
- Presumpscot River
- West Branch of the Piscataqua River

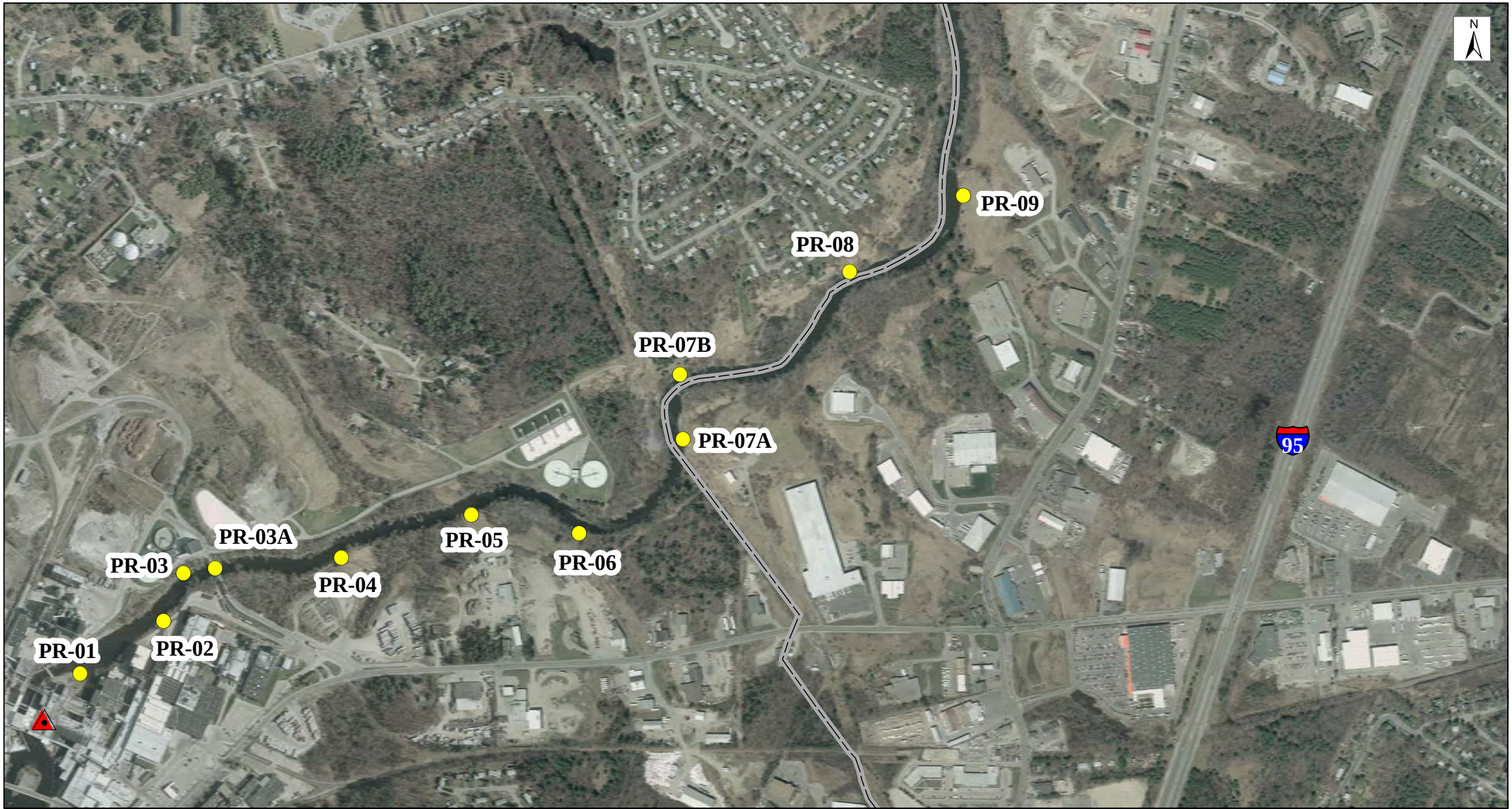
Index Map for the Presumpscot River

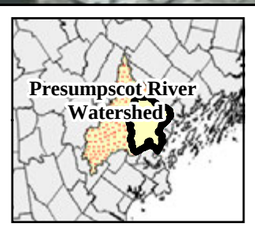
Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project, Habitat Restoration Program, Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05





Project Location

Data provided by Maine Office of GIS

500 0 500 1,000 1,500 2,000

Feet

Legend

- Dam
- Habitat Restoration Site
- Town Boundary

Map 1 of 4
Presumpscot River

Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project, Habitat Restoration Program, Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05

Presumpscot River Watershed

Project Location

Data provided by Maine Office of GIS

500 0 500 1,000 1,500 2,000

Feet

Legend

- Dam
- Habitat Restoration Site
- Town Boundary

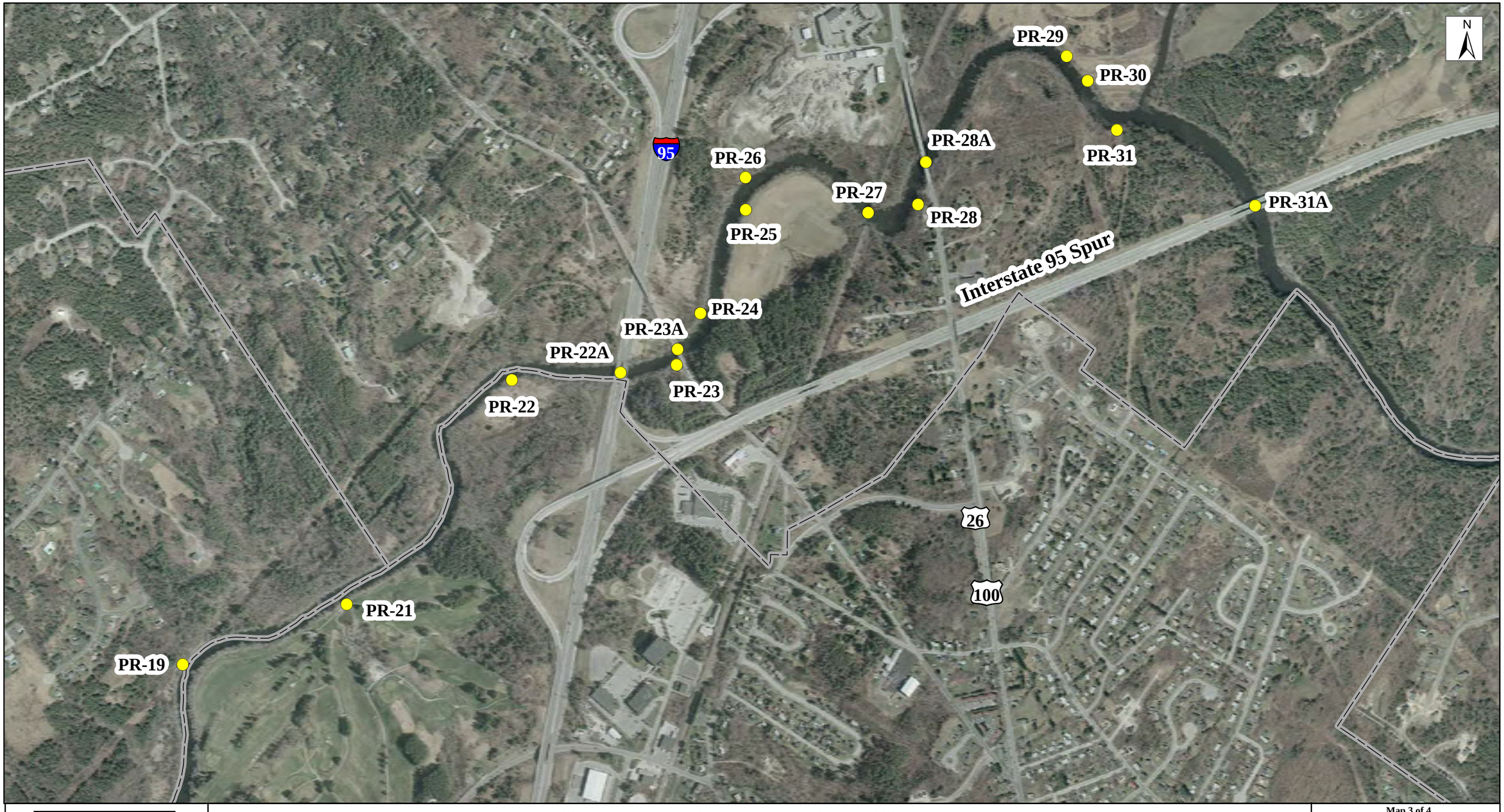
Map 2 of 4
Presumpscot River

Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project, Habitat Restoration Program, Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05



Project Location

Data provided by Maine Office of GIS

500 0 500 1,000 1,500 2,000

Feet

Legend

- Dam
- Habitat Restoration Site
- Town Boundary

Map 3 of 4
Presumpscot River

Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project, Habitat Restoration Program, Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05

Project Location

Data provided by Maine Office of GIS

500 0 500 1,000 1,500 2,000

Feet

Legend

- Dam
- Habitat Restoration Site
- Town Boundary

Map 4 of 4
Presumpscot River

Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project, Habitat Restoration Program, Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05

Map 1 of 3

Map 2 of 3

Map 3 of 3

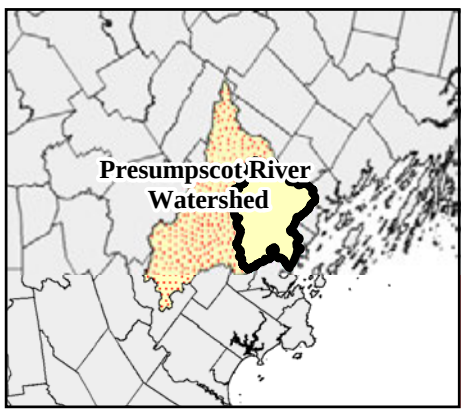
WB-01
WB-02
WB-03A
WB-03B
WB-04
WB-05
WB-06
WB-05A
WB-07
WB-08
WB-09
WB-10
WB-11
WB-12
WB-13
WB-14
WB-15
WB-16
WB-17
WB-18
WB-19
WB-19A
WB-20
WB-21
WB-22A
WB-22B
WB-22C
WB-23
WB-24
WB-25
WB-25A
WB-26
WB-27
WB-28
WB-29
WB-30
WB-31
WB-31A
WB-32
WB-33
WB-33A
WB-34
WB-35
WB-36

95
100
26

Cumberland
Falmouth
Westbrook

Range Road
Hurricane Road
Mountain Road
Winn Road
Falmouth Road
Interstate 95 Spur

N



Project Location

Data provided by Maine Office of GIS

0.5 0 0.5 1

Miles

Legend

- Project Boundary
- Presumpscot River Watershed
- Ponds, Lakes, & Rivers
- Town Boundary
- Interstate
- Local Road
- Primary Road
- Railroad
- Dam
- Habitat Restoration Site

Waterbodies Included in Inventory

- East Branch of the Piscataqua River
- Mill Brook
- Presumpscot Estuary
- Presumpscot River
- West Branch of the Piscataqua River

Index Map for the West Branch of the Piscataqua River

Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project — Habitat Restoration Program: Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05

N

95

26

100

WB-01

WB-02

WB-03A

WB-03B

WB-04

WB-05

WB-06

WB-05A

Cumberland

WB-08

WB-07

WB-09

Range Road

Falmouth

WB-10

WB-11

WB-13

WB-12

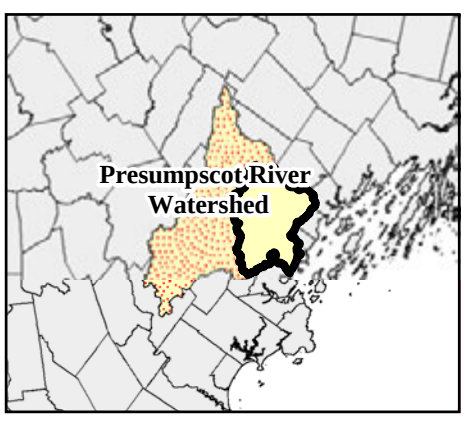
WB-14

Hurricane Road

WB-15

WB-16

WB-17



Project Location

Data provided by Maine Office of GIS

500 0 500 1,000 1,500 2,000

Feet

Legend

- Dam
- Habitat Restoration Site
- Town Boundary

Map 1 of 3
West Branch of the Piscataqua River

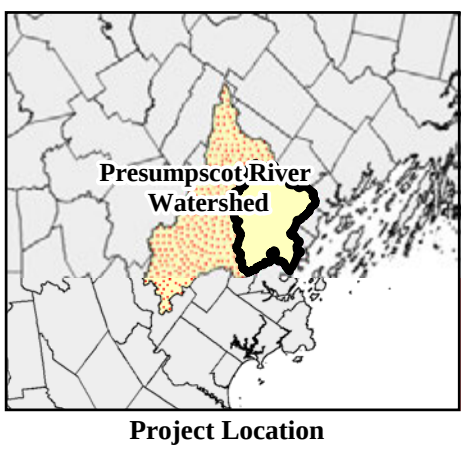
Habitat Restoration Inventory for the Lower Presumpscot River Watershed.

Prepared For: Casco Bay Estuary Project — Habitat Restoration Program: Partnerships to Revitalize Damaged Habitats

Prepared By: NEA

Date: 04/05

WB-15
WB-16
WB-17
WB-18
WB-19
WB-19A
WB-20
WB-21
Hurricane Road
Mountain Road
N
100
26
95
Falmouth



Project Location

Data provided by Maine Office of GIS

500 0 500 1,000 1,500 2,000

Feet

Legend

- Dam
- Habitat Restoration Site
- Town Boundary

Map 2 of 3
West Branch of the Piscataqua River

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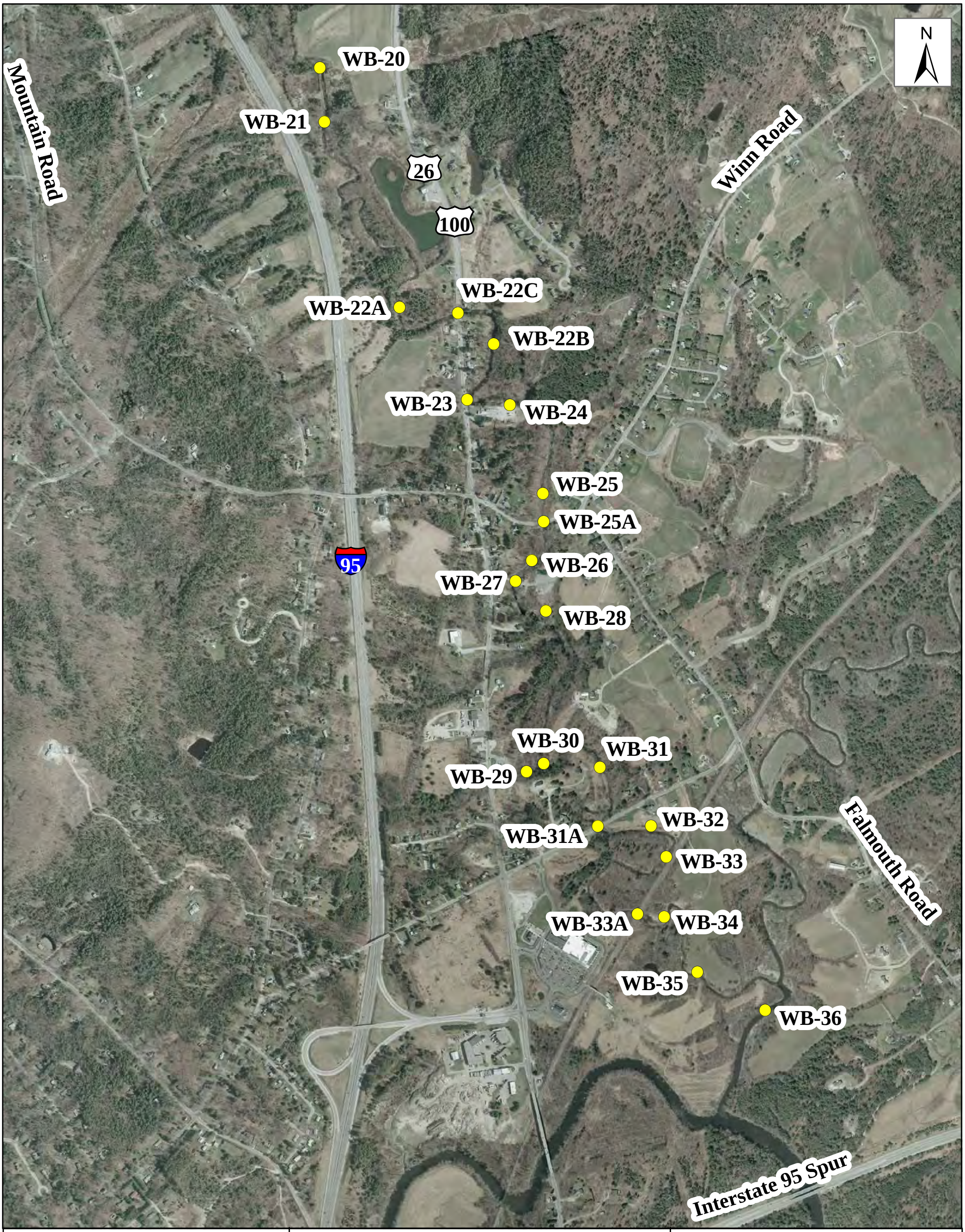

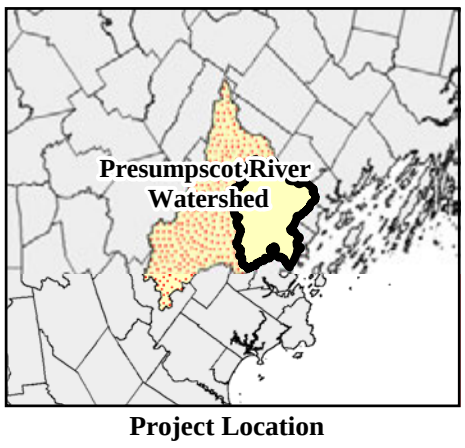

Project Location

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500 0 500 1,000 1,500 2,000

Feet

Legend

- Dam
- Habitat Restoration Site
- Town Boundary

Map 3 of 3
West Branch of the Piscataqua River

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