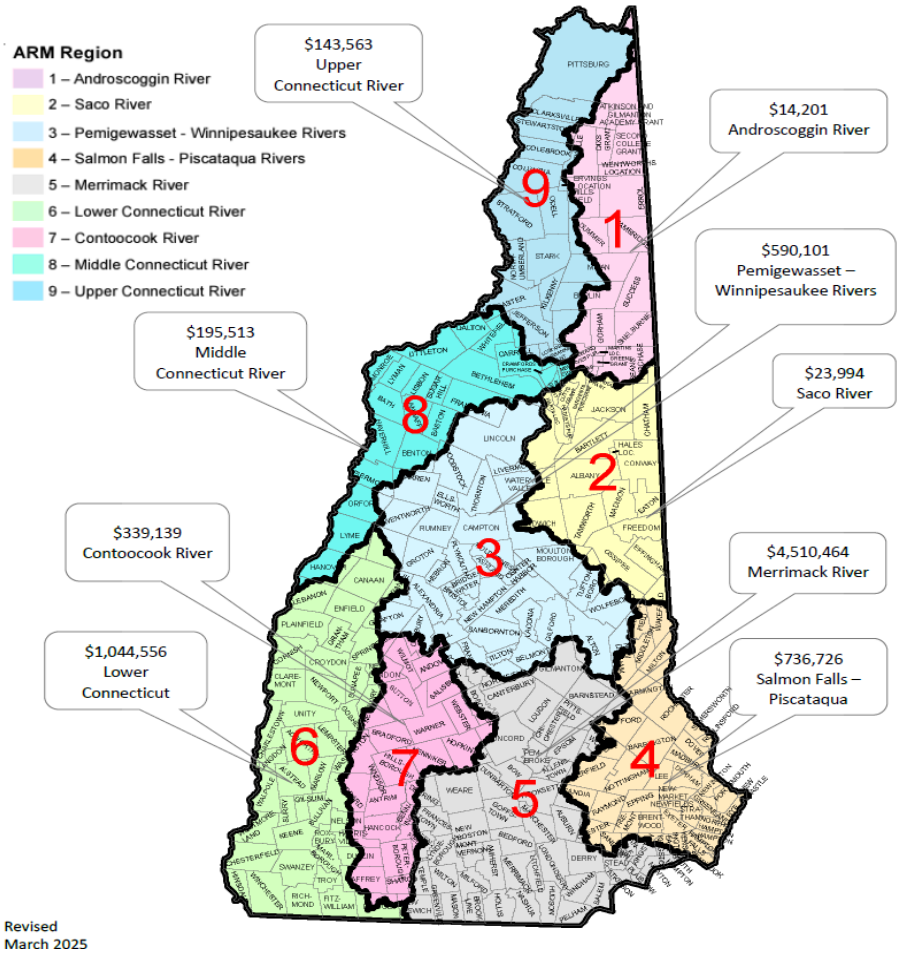
New Hampshire Aquatic Resource Mitigation Fund

2025 Request for Proposals

Available funding $ 7,598,257



In April 2025, the New Hampshire Department of Environmental (NHDES) Aquatic Resource Mitigation (ARM) Fund announced the availability of grant funds for aquatic resource mitigation in New Hampshire. Eighteen (18) pre-proposals were submitted and reviewed by NHDES, the Site Selection Committee, and the Army Corps of Engineers (USACE), and feedback was provided to the applicants. Full applications were due September 5, 2025, and 12 applications were received. Full applications will be reviewed by the ARM Site Selection Committee (SSC) and federal Interagency Review Team (IRT) to determine the potential to provide compensatory mitigation for federal and state authorized activities. Projects determined to have the potential to provide compensatory mitigation and recommended for funding by the SSC are subject to New Hampshire Wetlands Council approval. If approved, applicants will receive an award letter that outlines required documents and agreements for submittal to Governor & Council (G&C). Funds are disbursed once agreements are authorized by G&C. All awarded projects must be implemented within three years of the award date. Projects not selected for funds will receive a letter outlining decision points made by the SSC and IRT. Unallocated funds, including funds in service areas that did not receive applications, will be advertised in 2026.

2025 ARM FUND GRANT PROPOSALS

ARM Service Area	Project Title	Project Applicant	Town	ARM $ Request	Total Project Cost	Compensation Type	Resource Type
Contoocook	Poole Reservoir Dam Removal	American Rivers Inc.	Jaffery	$350,000	$1,016,912	Stream restoration/Enhancement, Wetland Restoration/Enhancement	Stream, riparian buffer, floodplain wetland (potentially)
Contoocook	Robinson Pond Dam Removal	NH Dams LLC	Washington	$123,560	$ 126,710	Wetland Restoration/Enhancement, Stream Restoration/Enhancement	Stream, riparian buffer, floodplain wetlands
Contoocook	West Branch Warner River	Ausbon Sargent Land Preservation Trust	Bradford	$ 275,000	$ 551,000	Wetland Restoration/Enhancement, Stream Restoration/Enhancement, Preservation	Stream, riparian buffer, floodplain wetlands
Lower Connecticut	Lebanon Woolen Mill	LWM Residential LLC	Lebanon	$ 540,000	$ 540,000	Wetland Restoration/Enhancement, Stream Restoration/Enhancement	Stream channel, riparian buffer, riparian floodplain wetland
Merrimack	Candlewood Bog	Francestown Land Trust	Francestown	$116,895	$ 191,625	Wetland Preservation/Enhancement	PRA-bog & fen, vernal pool, wetlands (scrub-shrub, emergent, forested), stream, riparian buffer, riparian floodplain wetland
Merrimack	Hadley Falls Dam Removal	NHDES- Dam Bureau	Goffstown	$ 4,510,464	$ 4,909,497	Wetland Restoration/Enhancement, Stream Restoration/Enhancement	Stream, riparian buffer, floodplain wetlands
Middle Connecticut	Littleton Reservoir Dam Removal	American Rivers Inc.	Bethlehem	$ 150,000.00	$ 1,250,000	Stream Restoration/Enhancement	Stream channel, riparian buffer, and floodplain wetland (potential)
Pemigewasset-Winnipesaukee	Williams Property	Town of Tuftonboro	Tuftonboro	$ 126,500	$ 240,000	Wetland Restoration/Enhancement, Stream Restoration/Enhancement, Preservation	Stream channel, upland buffer, floodplain wetlands, vernal pools
Salmon Falls-Piscataqua	Brentwood Hydro Dam Removal	American Rivers Inc.	Brentwood	$ 675,000	$ 849,078	Wetland Restoration/Enhancement, Stream Restoration/Enhancement	Stream channel, riparian buffer, floodplain wetland
Salmon Falls-Piscataqua	Plaice Cove Dune Restoration	Town of Hampton	Hampton	$ 587,600	$ 597,460	Wetland Restoration/Enhancement	Wetland buffer (sand dune), wetland (vegetated tidal)
Upper Connecticut	Maidstone Bends	The Nature Conservancy	Northumberland	$ 142,330	$ 554,627	Preservation, Stream Restoration/Enhancement, Wetland Restoration/ Enhancement	Riparian buffer, streams, floodplain wetlands, marshes
Upper Connecticut	Washburn Culvert Replacements	Trout Unlimited	Clarksville	$ 143,563	$ 757,643	Stream restoration/Enhancement	Stream

Service Area:	**Contoocook**	
Project Name/*Applicant*	**Town**	**Coordinates**
Poole Reservoir Dam Removal/ *American Rivers, Inc.*	Jaffrey	Lat/Long: 42.844934 / -72.087313

Project Scope:

- Removal of the Poole Reservoir Dam will restore 5.2 miles of connected coldwater stream habitat in Mead Brook, linking upstream headwaters to downstream reaches and wetlands to the next barrier at Whites Pond Dam. The project will restore 580 linear feet of Mead Brook channel and 2.88 acres of emergent floodplain wetlands/riparian buffers in the former impoundment.

- Restoration and enhancement activities consist of dam structure demolition, impoundment sediment management, active channel reconstruction through the impoundment, native floodplain wetland plantings and monitoring to ensure stream stability and vegetative succession.

- The restored aquatic resources will be legally protected in perpetuity from development. The project's location within a network of conserved lands ensures these functions will be protected, providing long-term compensation for aquatic resource losses in the ARM Service Area.

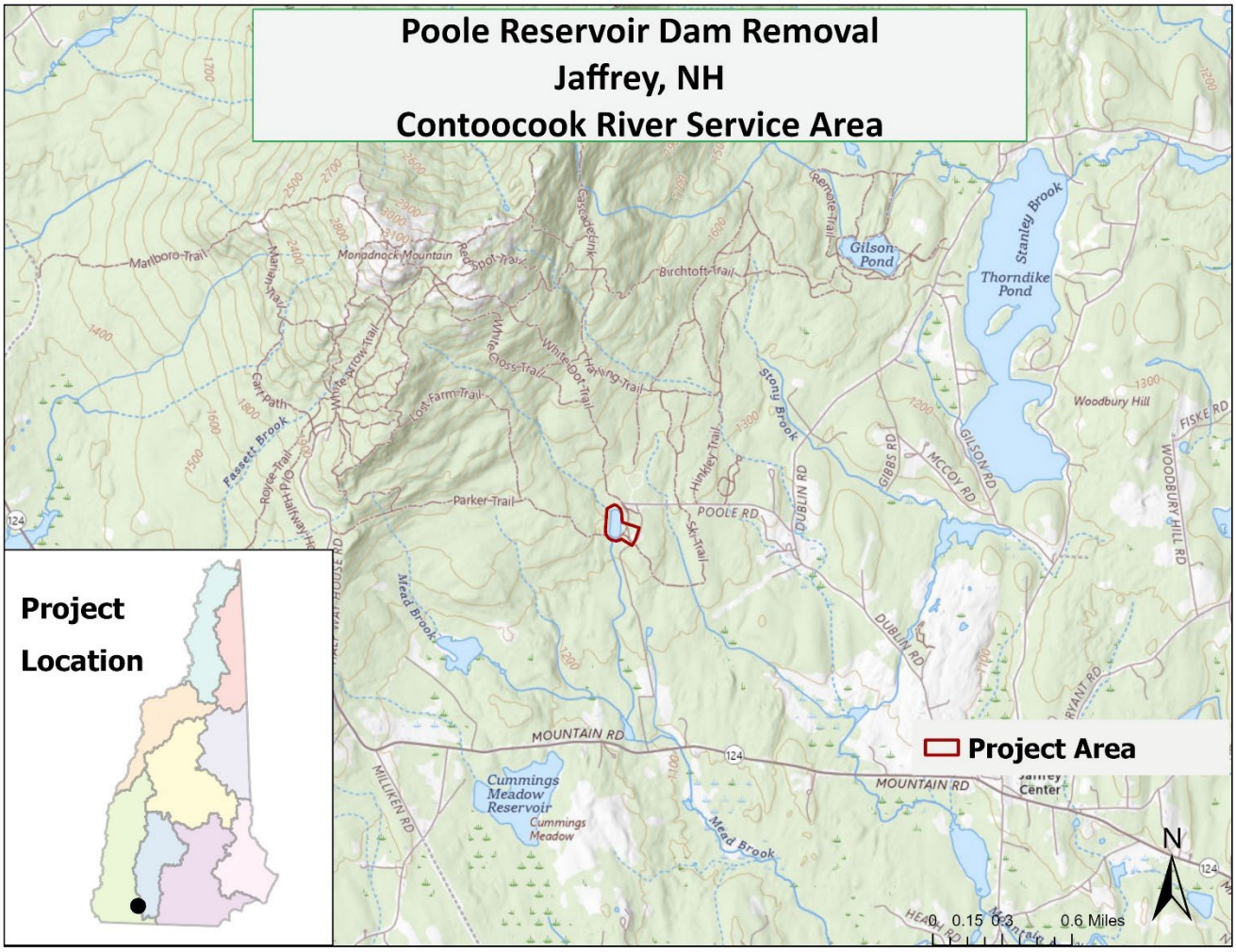
- The project lies within a large, unfragmented block of conserved land that includes Monadnock State Park, Jaffrey Town Forest, Monadnock Reservation, and Royce Trust Lands. Located within the Connecticut River watershed and near public waters >10 acres, the project strengthens regional landscape connectivity by linking aquatic habitats embedded in protected lands, ensuring long-term ecological corridors for fish, amphibians, reptiles, and other wildlife.

- Removal of Poole Reservoir Dam will restore natural stream flow and reestablish floodplain connectivity. Reconnection will help manage flood peaks, increase water storage capacity, and reduce downstream flood risk. The project will restore the wetland and riparian hydrology necessary for long-term watershed resilience, compensating for lost flood attenuation functions elsewhere in the ARM Service Area. Wildlife habitat will be restored with removal, allowing movement for fish and riparian restoration will provide nesting and cover for other birds and mammals.

- This reach of Mead Brook is mapped as a priority for connectivity restoration in The Nature Conservancy's Functionally Connected Network #4479, which identifies the site as part of a larger network of intact and restorable habitats critical for maintaining biodiversity and climate adaptation pathways. Additionally, the surrounding lands fall within the New Hampshire Wildlife Action Plan's Highest Ranked Habitat in the Biological Region, and the stream supports multiple Species of Greatest Conservation Need. The area also aligns with the New Hampshire Nonpoint Source Management Program's objectives to improve water quality, stabilize riparian zones, and reduce sedimentation.

- The project will result in increased visual quality and aesthetics for Monadnock State Park visitors. Educational signage along the Parker Trail, which resides just below the current dam site, will provide information for visitors on the benefits of dam removal.

- The project will restore, enhance, and protect similar functions and values to what was lost in the Contoocook River watershed by the permitted impacts that generated the funds, including flood flow alteration and storage, wildlife habitat, fish and shellfish/aquatic life habitat, sediment/toxicant/pathogen retention, scenic quality, and nutrient removal/trapping/retention and transformation.


Poole Reservoir Dam Removal
Jaffrey, NH
Contoocook River Service Area
Project Location
Project Area
Monadnock Mountain
Marlboro Trail
Cascade Link
Red Spot Trail
Birchtoft Trail
Remote Trail
Gilson Pond
Stanley Brook
Thorndike Pond
Woodbury Hill
FISKE RD
WOODBURY HILL RD
GILSON RD
MCCOY RD
GIBBS RD
Stony Brook
DUBLIN RD
POOLE RD
Ski Trail
Hinkley Trail
Parker Trail
Lost Farm Trail
White Cross Trail
White Dot Trail
Hanging Trail
White Arrow Trail
Cart Path
Fassett Brook
Royce Trail
Old Halfway House
Mead Brook
MOUNTAIN RD
MILLIKEN RD
Cummings Meadow Reservoir
Cummings Meadow
Jaffrey Center
RYANT RD
HEATH RD
N
0 0.15 0.3 0.6 Miles

Service Area:	**Contoocook**	
Project Name/*Applicant*	**Town**	**Coordinates**
Robinson Pond Dam Removal/*NH Dams LLC on behalf of Miles Gelatt*	Washington	Lat/Long: 43.172194 / -72.047537

Project Scope:

- Removal of the Robinson Pond Dam will restore 285 linear feet of Beards Brook and 0.8 acres of scrub-shrub/emergent floodplain wetlands within the former impoundment (i.e. Robinson Pond), significantly expanding aquatic functions, connectivity and habitat between Island Pond (upstream) and East Washington Pond (downstream).

- Restoration/enhancement activities consist of removal of the dam spillway structure (i.e. the vertical obstruction to aquatic organism passage) down to the natural channel, passive restoration of the stream channel through the impoundment, emergent wetland species seeding and plantings in the newly exposed floodplain, monitoring and adaptive management to ensure stream stability and vegetative succession to scrub shrub habitat.

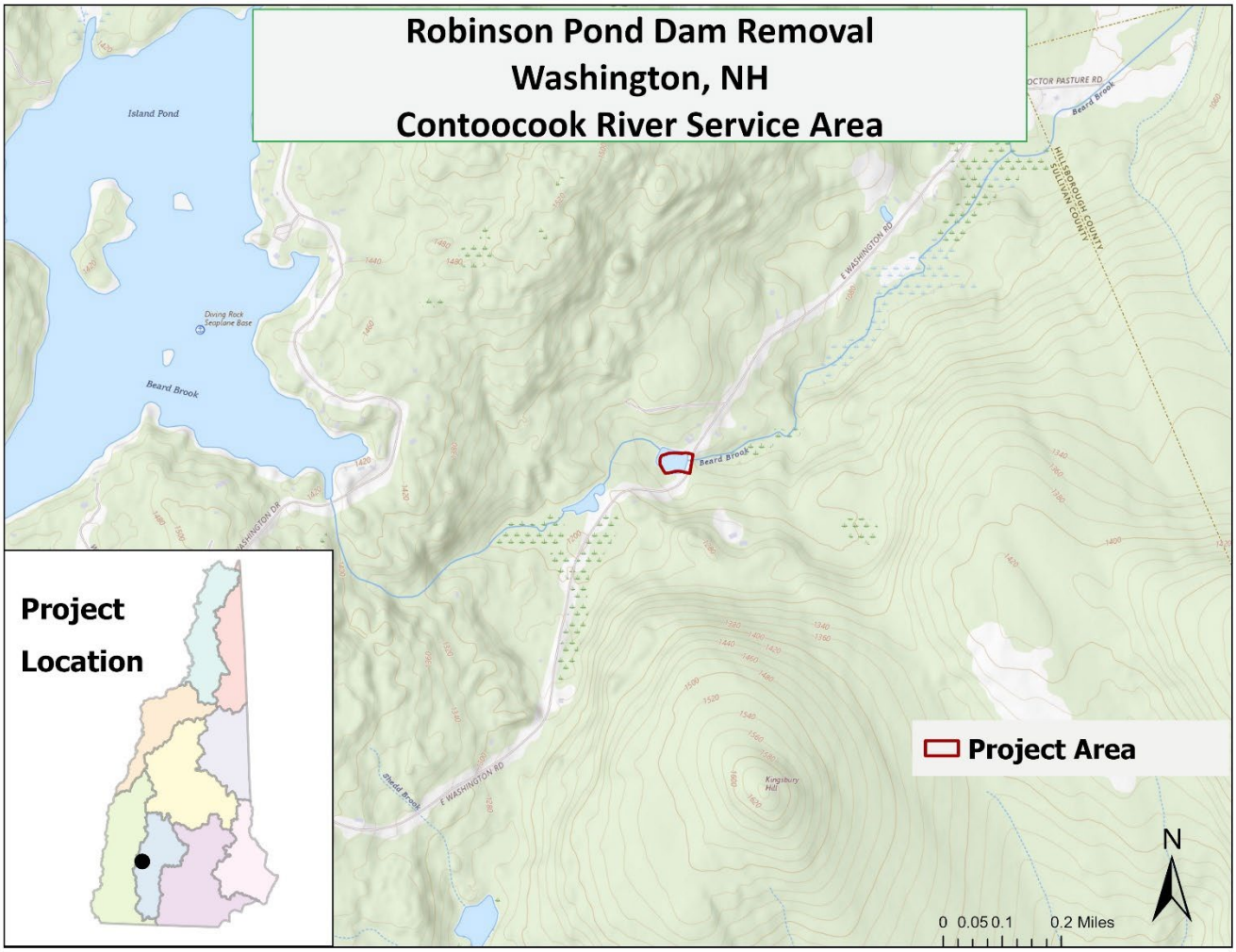
- Permanent legal protection of Beards Brook and the riparian buffer in perpetuity through a conservation easement.

- Beards Brook Dam upstream of the East Washington Dam, has been breached, therefore, removing Robinson Pond Dam will provide an additional mile of unobstructed stream channel between East Washington Dam (downstream) and Island Pond Dam (upstream).

- The project contributes to a robust conservation effort in the East Washington area and will add protected land to a geographic region recognized by the local conservation commission as in need of protection.

- The project will remove a barrier on a predicted coldwater fishery within the New Hampshire Wildlife Action Plan Tier 3 Supporting Landscape for wildlife habitat and will provide a connection between Tier 1 and Tier 2 habitat 800 feet away on either side of the project.

- The project will restore, enhance, and protect similar functions and values to what was lost in the Contoocook River watershed by the permitted impacts that generated the funds, including ecological integrity, flood flow alteration and storage, wildlife habitat, sediment/toxicant/pathogen retention, nutrient removal, and scenic quality.


Robinson Pond Dam Removal
Washington, NH
Contoocook River Service Area
Island Pond
Diving Rock Seaplane Base
Beard Brook
E WASHINGTON RD
HILLSBOROUGH COUNTY
SULLIVAN COUNTY
Project Location
Project Area
N
0 0.05 0.1 0.2 Miles

Service Area:	**Contoocook**	
Project Name/*Applicant*	**Town**	**Coordinates**
West Branch Warner River/*Ausbon Sargent Land Preservation Trust*	Bradford	Lat/Long: 43.265919 / -72.007045

Project Scope:

- Permanent protection of 40.59 acres though in-fee purchase by an accredited land trust, Ausbon Sargent, with a conservation easement held by the Town of Bradford. The parcel includes 20 acres of upland, five acres of wetland and 1,600 linear feet along both banks of the West Branch of the Warner River.

- The aquatic resources are under threat as the parcel is highly developable due to substantial open, level uplands, extensive road/river frontage and the property has a willing seller. Permanent protection of this parcel is critical to ensure the long-term viability of these aquatic resources.

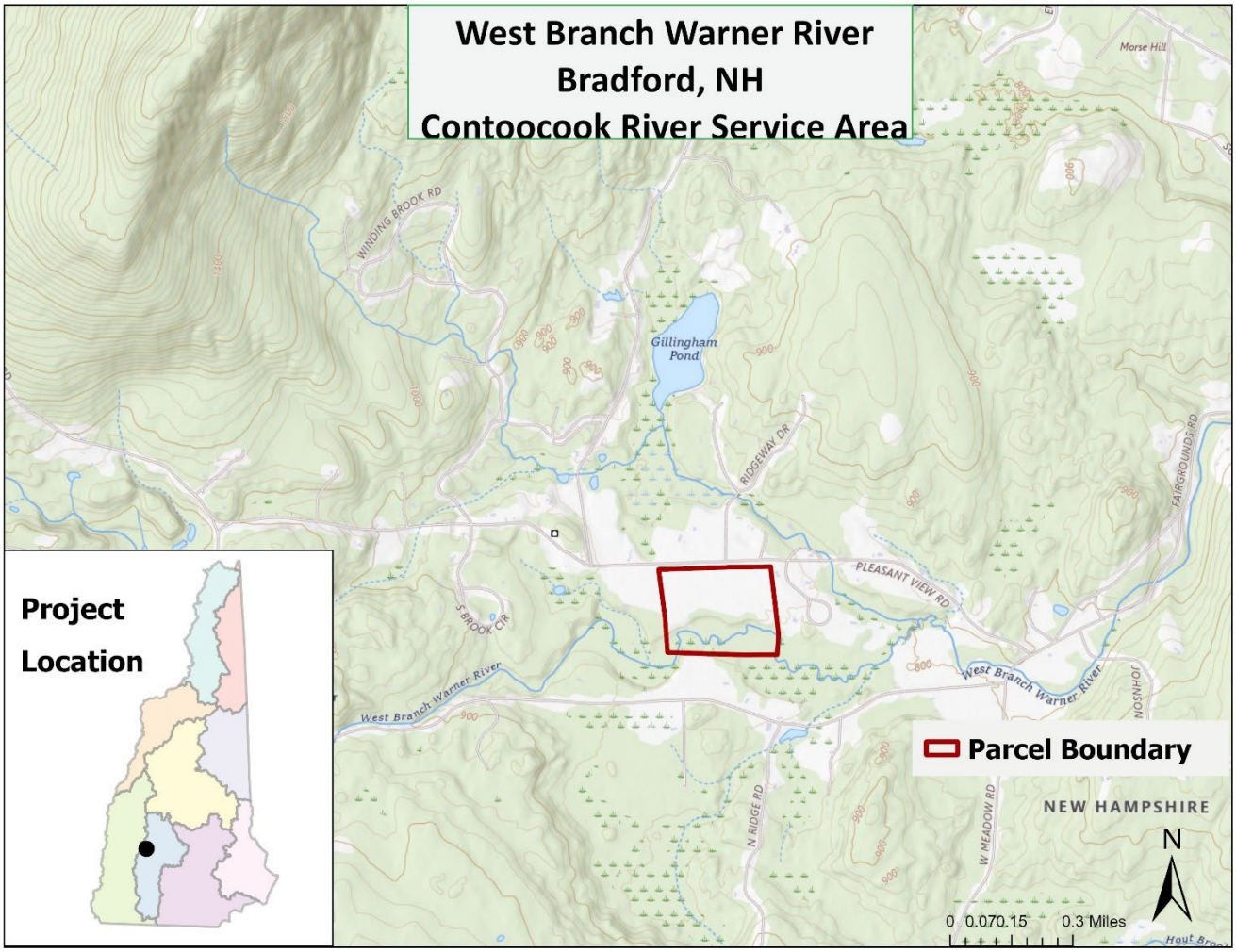
- Restoration and enhancement activities consist of in-stream large wood additions, removal of bank armoring, 100-foot riparian buffer enhancements through passive revegetation, ceasing mowing, native woody plantings and active invasive species management. Potential for targeted habitat enhancement for State threatened and endangered species.

- The West Branch of the Warner River headwaters are upstream from the parcel, within the Pillsbury Sunapee Highlands. This section of river does not have any unnatural obstructions along its entire length. The project is located upstream of the confluence with the Warner River, a New Hampshire Designated River. The wetlands on the property are classified as a State Priority Resource Area and part of a larger riverine floodplain wetland complex upstream and downstream.

- There is an aquifer present on the property that extends off the property and is likely connected to residential wells in the area.

- Property includes land ranked as Highest Ranked Habitat in the State. The West Branch of the Warner River contains native brook trout in varying age classes showing that it is used during multiple life stages.

- The project will restore, enhance, and protect similar functions and values to what was lost in the Contoocook River watershed by the permitted impacts that generated the funds, including ecological integrity, flood storage, production export, shoreline stabilization, threatened or endangered species habitat, wildlife habitat, groundwater recharge, sediment/toxicant/pathogen retention, nutrient removal, and educational/scientific value.


West Branch Warner River
Bradford, NH
Contoocook River Service Area
Project
Location
Parcel Boundary
NEW HAMPSHIRE
N
0 0.070.15 0.3 Miles
Gillingham Pond
WINDING BROOK RD
RIDGEWAY DR
PLEASANT VIEW RD
S BROOK CIR
West Branch Warner River
N RIDGE RD
W MEADOW RD
FAIRGROUNDS RD
Morse Hill

Service Area:	**Lower Connecticut**	
Project Name/*Applicant*	**Town**	**Coordinates**
Lebanon Woolen Mill/*John Livadas on behalf of LWM Residential LLC*	Lebanon	Lat/Long: 43.639729 / -72.254846

Project Scope:

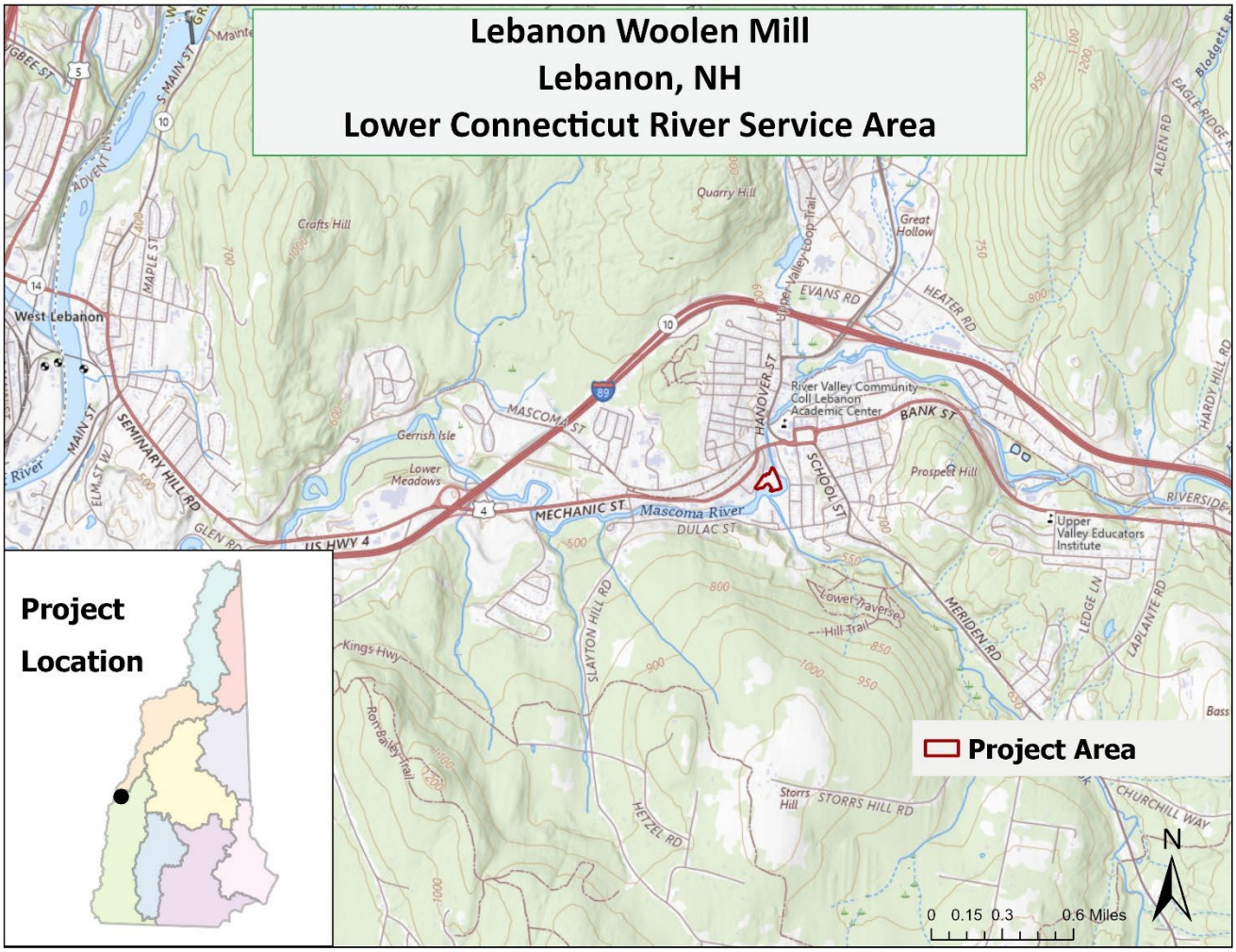
- Restoration and enhancement of aquatic resources within and adjacent to Mascoma River, along 330 linear feet. Restoration and enhancement activities include removal of approximately 4,000 cubic yards of spoil material and construction debris within the river channel and floodplain, re-grading, implementing an invasive species management plan and planting exposed areas with native plantings to establish high functioning riparian buffers.

- The project is a unique opportunity for urban restoration to reverse impacts of historic industrial uses of the Mascoma River such as for grist mills, saw mills, woolen mills, foundries, and machine shops. The Mascoma River and its associated banks, wetlands, floodplains, and riparian areas have borne the brunt of this industrialization and the subsequent growth of Lebanon, NH. The Mascoma River is designated under the NH Rivers Management and Protection Program.

- The project will provide 0.32 acres of wetland restoration, 0.44 acres of riparian buffer enhancement (210 linear feet) and 0.74 acres of floodplain wetland enhancement.

- The project will permanently protect 1.89 acres of restored aquatic resources and upland buffers through a conservation easement held by an accredited land trust and/or conservation commission.

- The project will restore, enhance, and protect similar functions and values to what was lost in the Lower Connecticut River watershed by the permitted impacts that generated the funds (several of which were located in the same town), including flood storage, production export, shoreline stabilization, wildlife habitat and sediment/toxicant/pathogen retention. Additionally, the project will enhance functions for fish and shellfish habitat.


Lebanon Woolen Mill
Lebanon, NH
Lower Connecticut River Service Area
Project Location
Project Area
West Lebanon
MECHANIC ST
Mascoma River
DULAC ST
US HWY 4
MASCOMA ST
BANK ST
SCHOOL ST
HANOVER ST
EVANS RD
HEATER RD
MERIDEN RD
SLAYTON HILL RD
STORRS HILL RD
HETZEL RD
Kings Hwy
Crafts Hill
Quarry Hill
Great Hollow
Gerrish Isle
Lower Meadows
Prospect Hill
River Valley Community Coll Lebanon Academic Center
Upper Valley Educators Institute
Lower Traverse Hill Trail
Upper Valley Loop Trail
Ron Bailey Trail
Storrs Hill
N
0 0.15 0.3 0.6 Miles

Service Area:	**Merrimack**	
Project Name/*Applicant*	**Town**	**Coordinates**
Candlewood Hill Fen/Bog Connectivity Project/*Francestown Land Trust*	Francestown	Lat/Long: 43.01303203641618, -71.77982949024215

Project Scope:

- Permanent protection of a 17-acre fen and bog peatland through fee simple purchase by the Francestown Land Trust.

- The project includes a significant portion (14 acres) of a high-functioning, difficult-to-replace, 34-acre fen/bog peatland, three acres of undeveloped buffer, and one confirmed vernal pool.

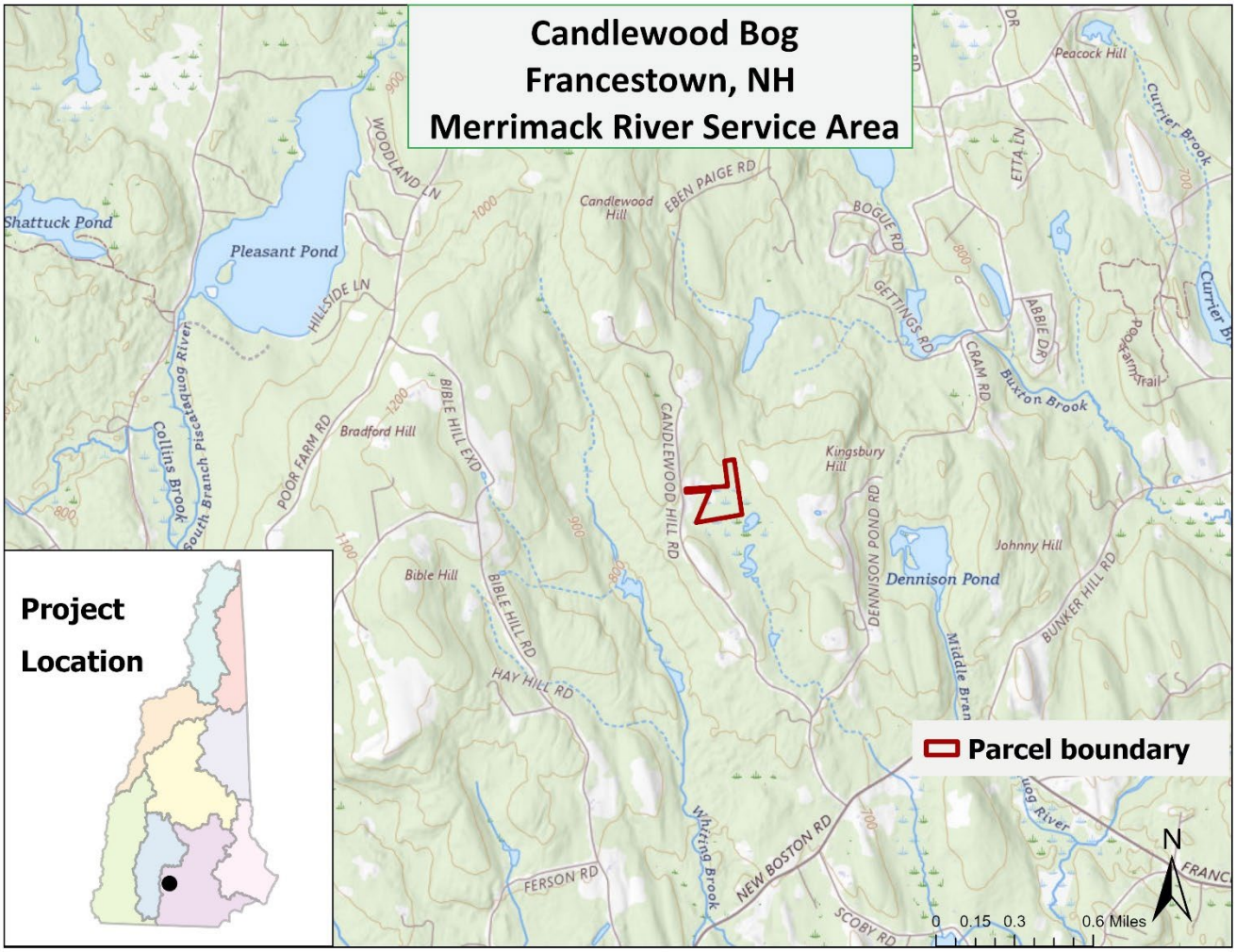
- The project scope includes a robust invasive species removal plan to protect the ecological integrity of the fen/bog and upland buffer enhancement activities to support the creation of nesting habitat for State threatened and endangered species.

- The parcel lies in a highly developable part of the Merrimack River watershed and is under threat of development. Permanent protection of this parcel is critical to ensure the long-term viability of these irreplaceable aquatic resources.

- The project area directly abuts 266-acres of conservation lands including 10 acres of the poor fen and bog in a large unfragmented block of land. The Francestown Land Trust is actively pursuing the purchase of unprotected abutting land on the southwest section of the peatland with the goal of protecting the entire wetland.

- Conservation of peatlands are listed as a priority for wildlife habitat in the 2025 Francestown Conservation Plan. Peatlands are considered Regional Habitats of Greatest Conservation Need by New England Fish and Wildlife Diversity Technical Committee. The NH Natural Heritage Bureau is currently evaluating the 34-acre Candlewood Poor Fen and Bog for designation as an Exemplary Natural Community.

- The project will restore, enhance, and protect similar functions and values to what was lost in the Merrimack River watershed by the permitted impacts that generated the funds, including ecological integrity, threatened or endangered species habitat, wildlife habitat, groundwater recharge, sediment/toxicant/pathogen retention, nutrient removal, educational/scientific value, and flood storage.


Candlewood Bog
Francestown, NH
Merrimack River Service Area
Project Location
Parcel boundary
Shattuck Pond
Pleasant Pond
Peacock Hill
Currier Brook
Candlewood Hill
EBEN PAIGE RD
WOODLAND LN
HILLSIDE LN
BOGUE RD
GETTINGS RD
ABBIE DR
CRAM RD
Buxton Brook
Poor Farm Trail
Collins Brook
South Branch Piscataquog River
POOR FARM RD
Bradford Hill
BIBLE HILL EXD
BIBLE HILL RD
CANDLEWOOD HILL RD
Kingsbury Hill
DENNISON POND RD
Johnny Hill
Dennison Pond
BUNKER HILL RD
Bible Hill
HAY HILL RD
Middle Bran
Whiting Brook
NEW BOSTON RD
FERSON RD
SCOBY RD
Piscataquog River
N
0 0.15 0.3 0.6 Miles

Service Area:	**Merrimack**	
Project Name/*Applicant*	**Town**	**Coordinates**
Hadley Falls Dam Removal and River Restoration Project /*New Hampshire Department of Environmental Services-Dam Bureau*	Goffstown	Lat/Long: 43.018930, -71.597619

Project Scope:

- Removal of the state-owned Hadley Falls Dam will restore over 311 miles of aquatic connectivity within the Piscataquog River Watershed. The project will restore and enhance 3.3 acres of wetland and 2,887 linear feet of stream habitat within the former 20-acre impoundment through passive and active restoration techniques.

- Hadley Falls Dam is a defunct high-hazard dam and its removal, in conjunction with other downstream restoration efforts along the Piscataquog River including the Kelley Falls Dam fish ladder and Glen Falls trap & transport projects, will result in 250 miles of upstream connectivity and 49 miles of downstream connectivity.

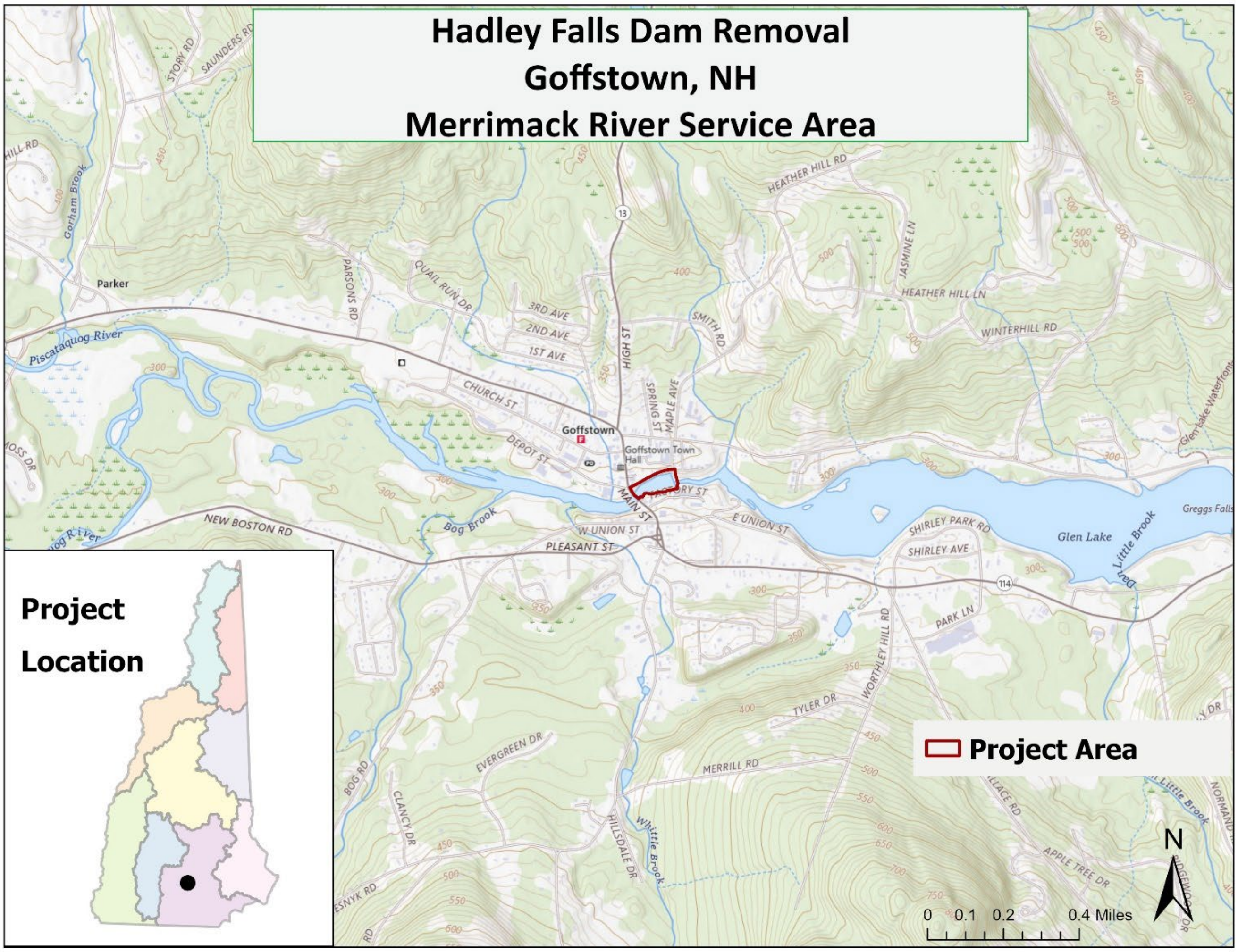
- Proposed restoration activities include the removal of the concrete spillway, remnants of a timber crib structure, and active channel reconstruction for approximately 647 linear feet and restoration of 1.2 acres of floodplain wetland with native plantings, invasive species management and monitoring to ensure stream stability and wetland and buffer reestablishment. Passive restoration will result in approximately 2.1 acres of enhanced wetland and reestablished vegetated buffers and 2,240 linear feet of stream enhancement.

- The project will restore, enhance, and protect similar functions and values to what was lost in the Merrimack River watershed by the permitted impacts that generated the funds, including improved water quality, natural sediment transport/nutrient flow, flood resiliency and increased storage capacity, shoreland stabilization, habitat connectivity, and recreation (consumptive & non-consumptive).

- Dam removal, combined with other aquatic connectivity efforts downstream will restore and maintain habitat for diadromous and catadromous fish species in the Merrimack River watershed. Restoration of fish passage will result in access to prime spawning and rearing habitat for shad, alewife, and blueback herring within the Piscataquog River watershed. American eel and sea lamprey will also benefit from the restoration of fish passage at Kelley's Falls Dam (MRWCP). Stocks of both American eels and sea lamprey are dramatically reduced from historical numbers due to barriers to fish passage.

- The restored aquatic resources will be legally protected in perpetuity from development under the existing deeded water and flowage rights.

- Restoration activities will build upon existing landscape connectivity efforts in the region and result in significant wildlife habitat and connectivity benefits. The Piscataquog River is part of several ecological/conservation priority plans. The removal of the Hadley Falls Dam is listed in the Merrimack River Watershed Comprehensive Plan for Diadromous Fishes (MRWCP 2021) as the preferred option to provide fish passage and targets this stream reach for river herring restoration. The Fish and Game Commission has identified this stream reach for dam removal and as a diadromous fish restoration priority with a focus species of River Herring and secondary target species are American eel and sea lamprey.


Hadley Falls Dam Removal
Goffstown, NH
Merrimack River Service Area
Project Location
Project Area
N
0 0.1 0.2 0.4 Miles
Goffstown
Goffstown Town Hall
Parker
Piscataquog River
Glen Lake
Bog Brook
Whittle Brook
Gorham Brook
Little Brook
Gregg Falls
HIGH ST
MAIN ST
CHURCH ST
DEPOT ST
NEW BOSTON RD
PLEASANT ST
W UNION ST
E UNION ST
SPRING ST
MAPLE AVE
SMITH RD
QUAIL RUN DR
PARSONS RD
3RD AVE
2ND AVE
1ST AVE
HEATHER HILL RD
HEATHER HILL LN
JASMINE LN
WINTERHILL RD
SHIRLEY PARK RD
SHIRLEY AVE
PARK LN
WORTHLEY HILL RD
TYLER DR
MERRILL RD
EVERGREEN DR
BOG RD
CLANCY DR
HILLSDALE DR
APPLE TREE DR
STORY RD
SAUNDERS RD

Service Area:	**Middle Connecticut**	
Project Name/*Applicant*	**Town**	**Coordinates**
Littleton Reservoir Dam Removal/*American Rivers, Inc*	Bethlehem	Lat/Long: 44.238561, -71.620652

Project Scope:

- Removal of the Littleton Reservoir Dam will restore 37 miles of connected coldwater stream habitat on the North Branch Gale River. The project will restore 898 linear feet of river channel, 0.4 acres of emergent floodplain wetland, and enhance 0.4 acres of riparian buffer.

- The dam is a complete barrier to fish migration and disrupts natural river processes resulting in a stagnant impoundment, increased water temperatures and lower dissolved oxygen levels.

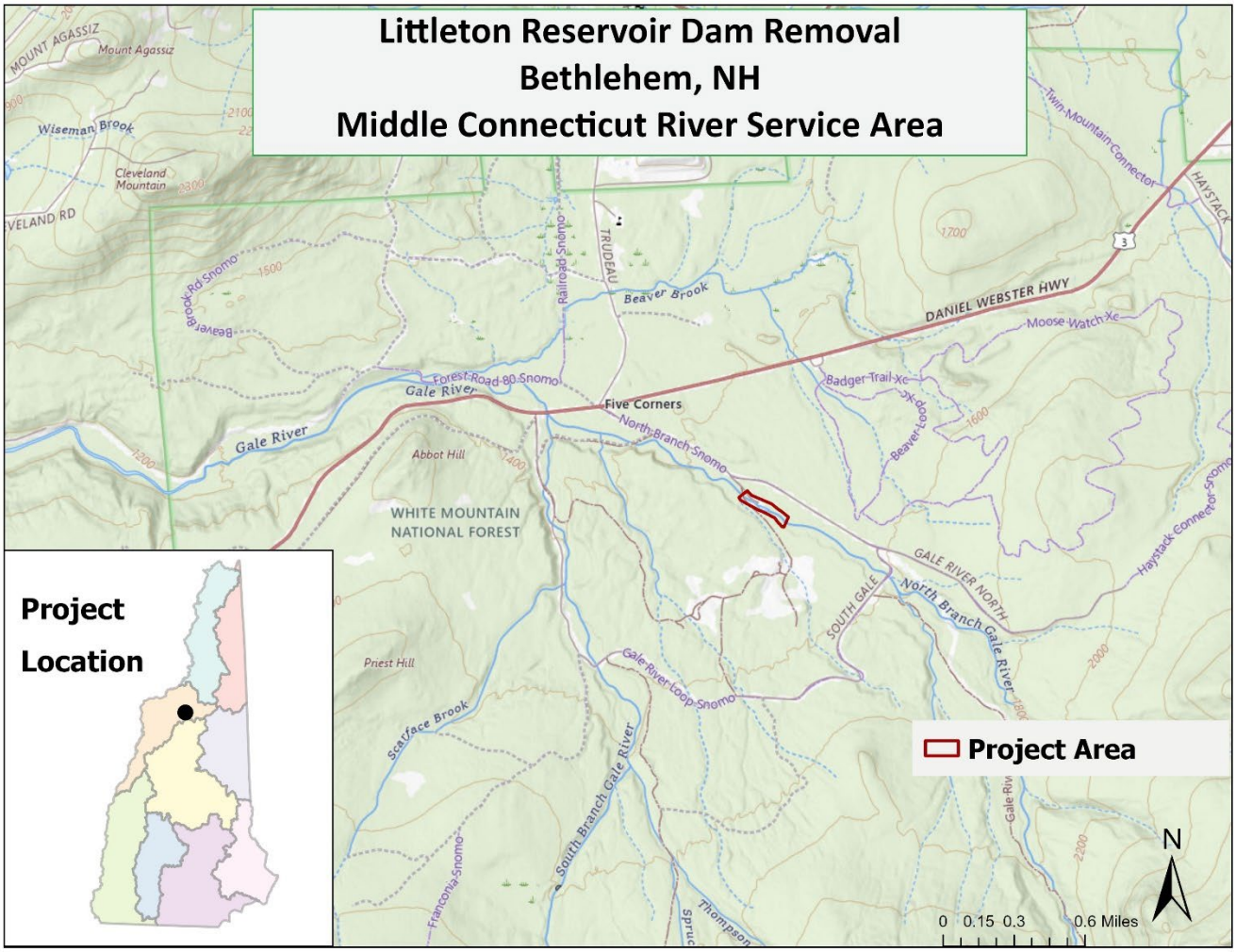
- The project will restore the self-sustaining, free-flowing riverine system and restore critical coldwater habitat and migratory species passage for native species including eastern brook trout by improving water filtration and increasing the dissolved oxygen levels.

- Restoration and enhancement activities consist of dam removal/demolition, channel creation through impoundment and downstream of dam, floodplain wetland restoration and riparian buffer enhancement activities and monitoring to ensure stream stability and vegetative succession.

- The project will restore, enhance, and protect similar functions and values to what was lost in the Upper Connecticut River watershed by the permitted impacts that generated the funds, including groundwater recharge, nutrient removal/trapping/retention and transformation, sediment/toxicant retention, transformation and transport, flood flow alteration and resiliency, ecological integrity, wildlife habitat, fish and shellfish/aquatic life habitat, and shoreline stabilization.

- The North Branch Gale River is identified as a priority for conservation within the New Hampshire Wildlife Action Plan. It supports brook trout habitat, a high-value aquatic resource of regional significance. The river also provides the drinking water source for the Town of Littleton.

- The site will be protected under ownership of Littleton Water & Light District, with surrounding lands protected as it is National Forest Service land. Land use will continue to preserve the aquatic resource functions by allowing the North Branch Gale River to be a free-flowing system once the dam is removed.


Littleton Reservoir Dam Removal
Bethlehem, NH
Middle Connecticut River Service Area
Project Location
Project Area
WHITE MOUNTAIN NATIONAL FOREST
DANIEL WEBSTER HWY
Five Corners
Gale River
Beaver Brook
North Branch Snomo
Forest Road 80 Snomo
Railroad Snomo
TRUDEAU
Twin Mountain Connector
HAYSTACK
Moose Watch Xc
Badger Trail Xc
Beaver Loop Xc
Haystack Connector Snomo
GALE RIVER NORTH
North Branch Gale River
SOUTH GALE
Gale River Loop Snomo
Scaface Brook
South Branch Gale River
Franconia Snomo
Thompson
Abbot Hill
Priest Hill
Cleveland Mountain
Mount Agassiz
Wiseman Brook
Beaver Brook Rd Snomo
N
0 0.15 0.3 0.6 Miles

Service Area:	**Pemigewasset-Winnipesaukee**	
Project Name/*Applicant*	**Town**	**Coordinates**
Williams Property/*Town of Tuftonboro*	Tuftonboro	Lat/Long: 43.692531 / -71.24688

Project Scope:

- Permanent protection of 87 acres through a fee acquisition by Town of Tuftonboro with a conservation easement to be held and stewarded by the Lakes Region Conservation Trust.

- The project area encompasses 63 acres of upland, 21 acres of wetland and 3,595 linear feet of perennial stream channel plus confirmed and potential vernal pools. On site aquatic resources include a beaver marsh and inflowing seepage swamp, which includes a State classified Priority Resource Area (marsh & scrub-shrub swamp) and a black ash-conifer seepage swamp, a natural community that is imperiled in the Northeast. The single perennial stream on the property rises from this system and drains one-half of a mile downhill to the Melvin River.

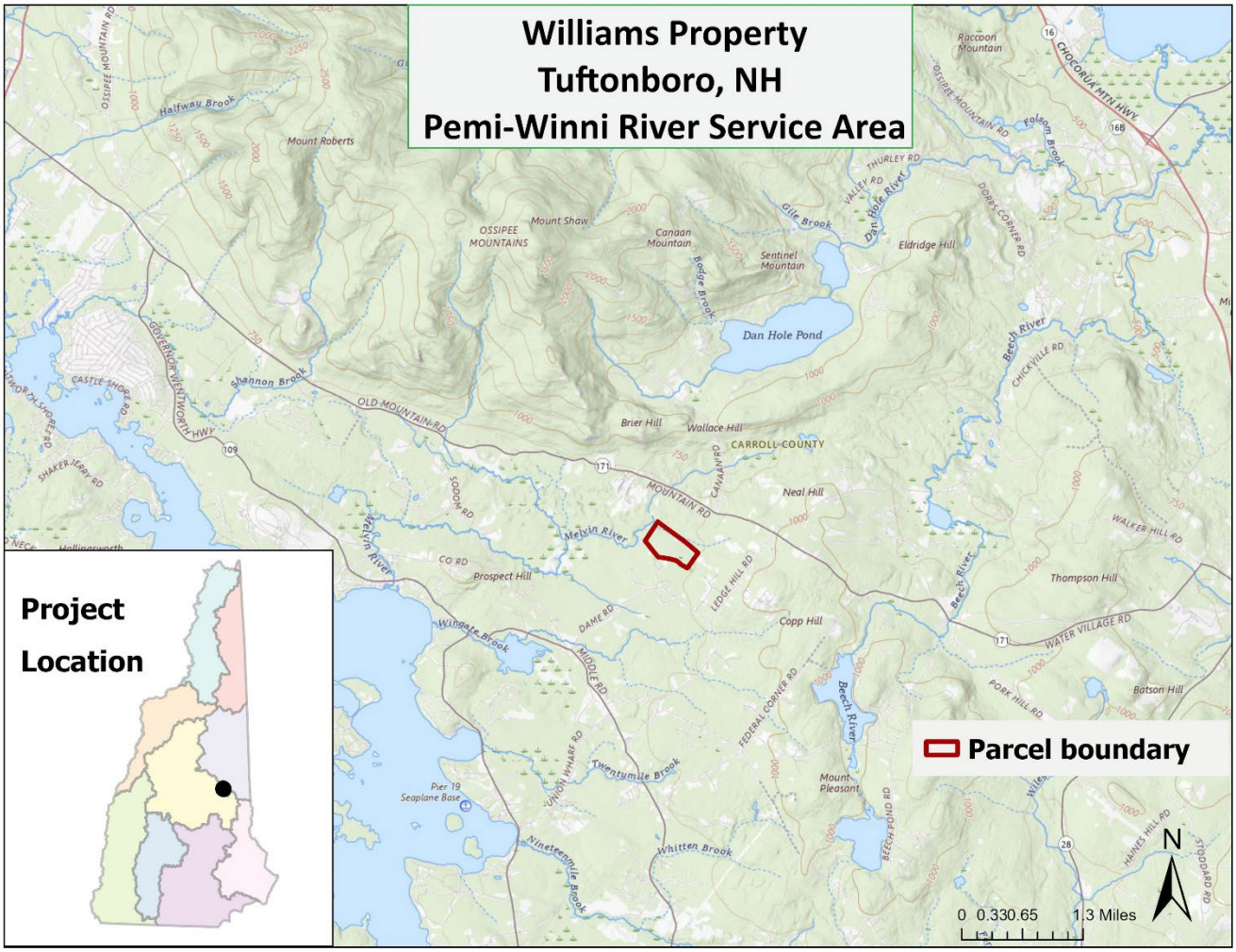
- The project will restore impacts from historic land use activities and enhance 0.3 acres of wetland/vernal pool, 1,650 linear feet of stream, and 2,600 linear feet of riparian buffer. Restoration and enhancement activities consist of in-stream strategic wood additions (SWA), stream reconnection to floodplains, re-contouring of degraded vernal pools and woody plantings, and monitoring and adaptive management to ensure success.

- The project will restore, enhance, and protect similar functions and values to what was lost in the Pemigewasset-Winnipesaukee Rivers watershed by the permitted impacts that generated the funds, including groundwater recharge, sediment trapping, nutrient uptake/transformation, flood storage, ecological integrity, shoreline anchoring, wildlife habitat as well as continue the recent water quality protection activities and enhancements for Eastern Brook Trout in Melvin River.

- Over 81 acres of the property is designated by the New Hampshire Wildlife Action Plan as highest ranked habitat in the State (Tier 1). The property contains valuable cold-water stream habitat for eastern brook trout and a definitive wildlife corridor that connects to the Melvin River. The site encompasses a Priority Resource Area (PRA) beaver pond and marsh and Black Ash-Conifer Seepage Swamp.

- The parcel lies in a highly developable part of the Pemigewasset-Winnipesaukee Rivers watershed and is under threat of residential development. Permanent protection of this parcel is critical to ensure the long-term viability of these irreplaceable aquatic resources.

- The Williams property lies in an unfragmented block of land that exceeds 2,100 acres. It is less than one half mile south of Mountain Road, which delimits a 40,000-acre unfragmented block (Ossipee Mountains) and the western edge is part of a mapped Resilient Area with Confirmed Diversity (The Nature Conservancy) that includes most of the Great Meadow area.


Williams Property
Tuftonboro, NH
Pemi-Winni River Service Area
Project Location
Parcel boundary
N
0 0.330.65 1.3 Miles
Dan Hole Pond
Mount Roberts
Mount Shaw
OSSIPEE MOUNTAINS
Canaan Mountain
Sentinel Mountain
Eldridge Hill
Raccoon Mountain
Brier Hill
Wallace Hill
CARROLL COUNTY
Neal Hill
Prospect Hill
Copp Hill
Thompson Hill
Batson Hill
Mount Pleasant
Melvin River
Beech River
Wingate Brook
Twentymile Brook
Nineteenmile Brook
Whitten Brook
Halfway Brook
Shannon Brook
Gile Brook
Bodge Brook
Folsom Brook
OLD MOUNTAIN RD
MOUNTAIN RD
CANAAN RD
SODOM RD
CO RD
DAME RD
MIDDLE RD
LEDGE HILL RD
FEDERAL CORNER RD
WATER VILLAGE RD
PORK HILL RD
CHICKVILLE RD
WALKER HILL RD
HAINES HILL RD
STODDARD RD
THURLEY RD
VALLEY RD
DORRS CORNER RD
OSSIPEE MOUNTAIN RD
CHOCORUA MTN HWY
GOVERNOR WENTWORTH HWY
CASTLE SHORE RD
NORTH SHORE RD
SHAFER JERRY RD
UNION WHARF RD
BEECH POND RD
Pier 19 Seaplane Base

Service Area:	**Salmon Falls-Piscataqua**	
Project Name/*Applicant*	**Town**	**Coordinates**
Removal of Brentwood Hydro (Philips Mill) Dam/*American Rivers, Inc*	Brentwood	Lat/Long: 42.969376, -71.084901

Project Scope:

- Removal of the Brentwood Dam will restore 122 miles of aquatic connectivity, in conjunction with the downstream Pickpocket Dam removal, restoring free-flowing rivers to Great Bay National Estuarine Reserve. The project will restore 1,585 linear feet of river channel on the Exeter River, 3.2 acres of emergent floodplain wetlands within the former impoundment, and enhance 3.8 acres of riparian buffer.

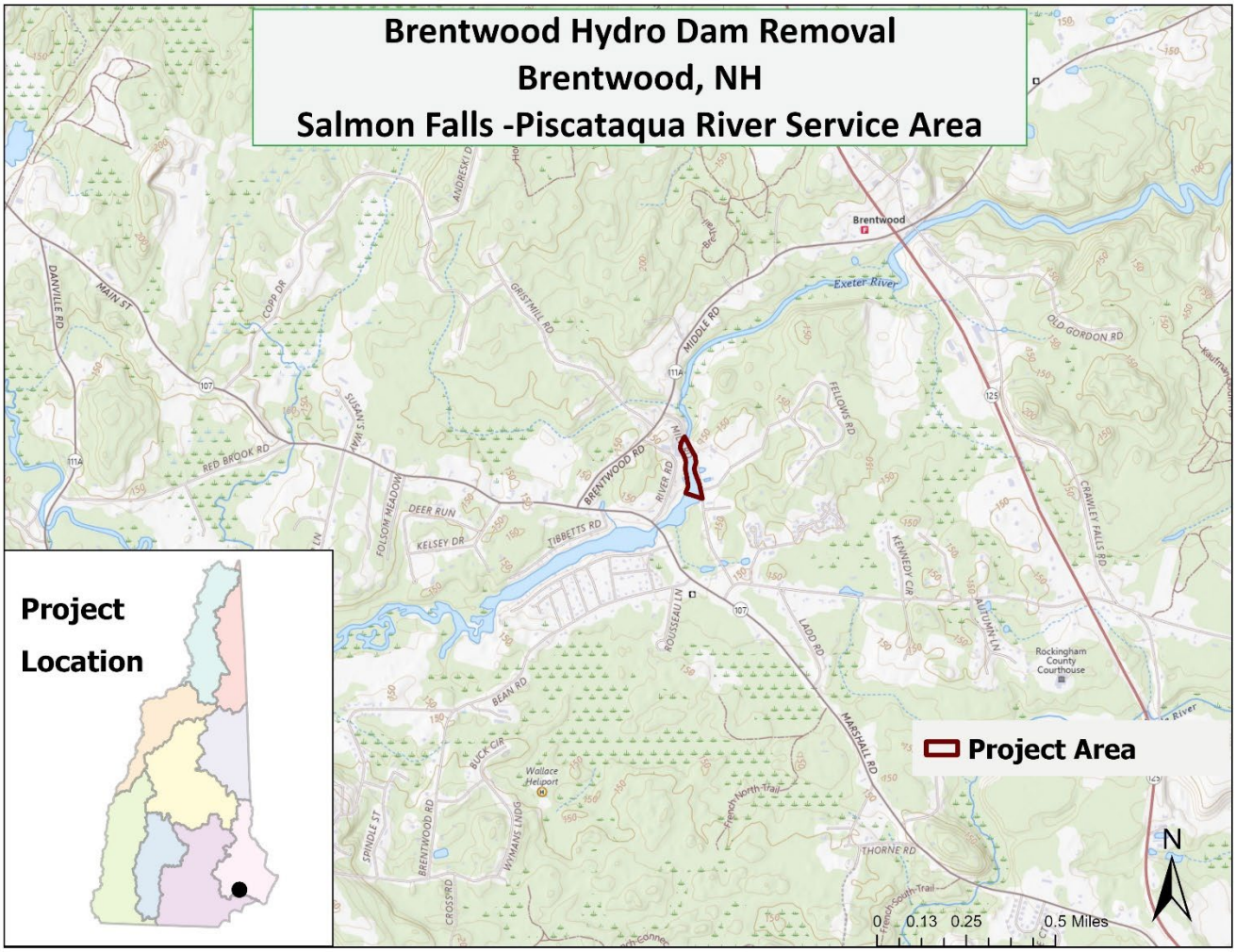
- The Brentwood Dam is a 110-foot-long, 15-foot-high deteriorating concrete dam that is a barrier to aquatic organism passage and natural river hydrology and processes.

- Restoration and enhancement activities consist of dam removal/demolition, channel creation, floodplain wetland restoration and riparian buffer enhancement activities within the impoundment and monitoring to ensure stream stability and vegetative succession.

- The project will restore, enhance, and protect similar functions and values to what was lost in the Salmon Falls- Piscataqua Rivers watershed by the permitted impacts that generated the funds, including groundwater recharge, nutrient removal/trapping/retention and transformation, sediment/toxicant retention, transformation and transport, floodflow alteration and resiliency, scenic quality, ecological integrity, wildlife habitat, fish and shellfish/aquatic life habitat, and shoreline stabilization.

- The Exeter and Squamscott rivers are designated under the NH Rivers Management and Protection Program. This 125 square mile river system plays an important role in the health of the Great Bay National Estuarine Reserve.

- The project is identified as a priority in the New Hampshire Wildlife Action Plan and the Exeter-Squamscott River Restoration Plan. Habitat along the river corridor is a Conservation Focus Area by The Nature Conservancy.


Brentwood Hydro Dam Removal
Brentwood, NH
Salmon Falls -Piscataqua River Service Area
Project Location
Project Area
Brentwood
Exeter River
Rockingham County Courthouse
Wallace Heliport
0 0.13 0.25 0.5 Miles
N

Service Area:	**Salmon Falls-Piscataqua**	
Project Name/*Applicant*	**Town**	**Coordinates**
Plaice Cove Dune Restoration/*Town of Hampton*	Hampton	Lat/Long: 42.944973, -70.786754

Project Scope:

- Restore 1.5 acres of degraded sand dune and fringe marsh in the rocky intertidal zone on Plaice Cove Beach on the New Hampshire coastline in Hampton.

- The project area encompasses one of the flattest and lowest beaches in New Hampshire where natural dune processes have been degraded and disrupted due to sea level rise and increased storm surge which has increased erosion and altered sediment transport. Anthropogenic impacts, such as trampling, have further degraded habitat.

- Restoration activities will include beach nourishment (rebuilding dune volume and beach profile), planting native vegetation (to initiate and sustain natural sand accretion), and long-term stabilization (strategic dune fencing and accessway design) with the goal of increasing sediment volume in the beach system resulting in an elevated and resilient beach profile.

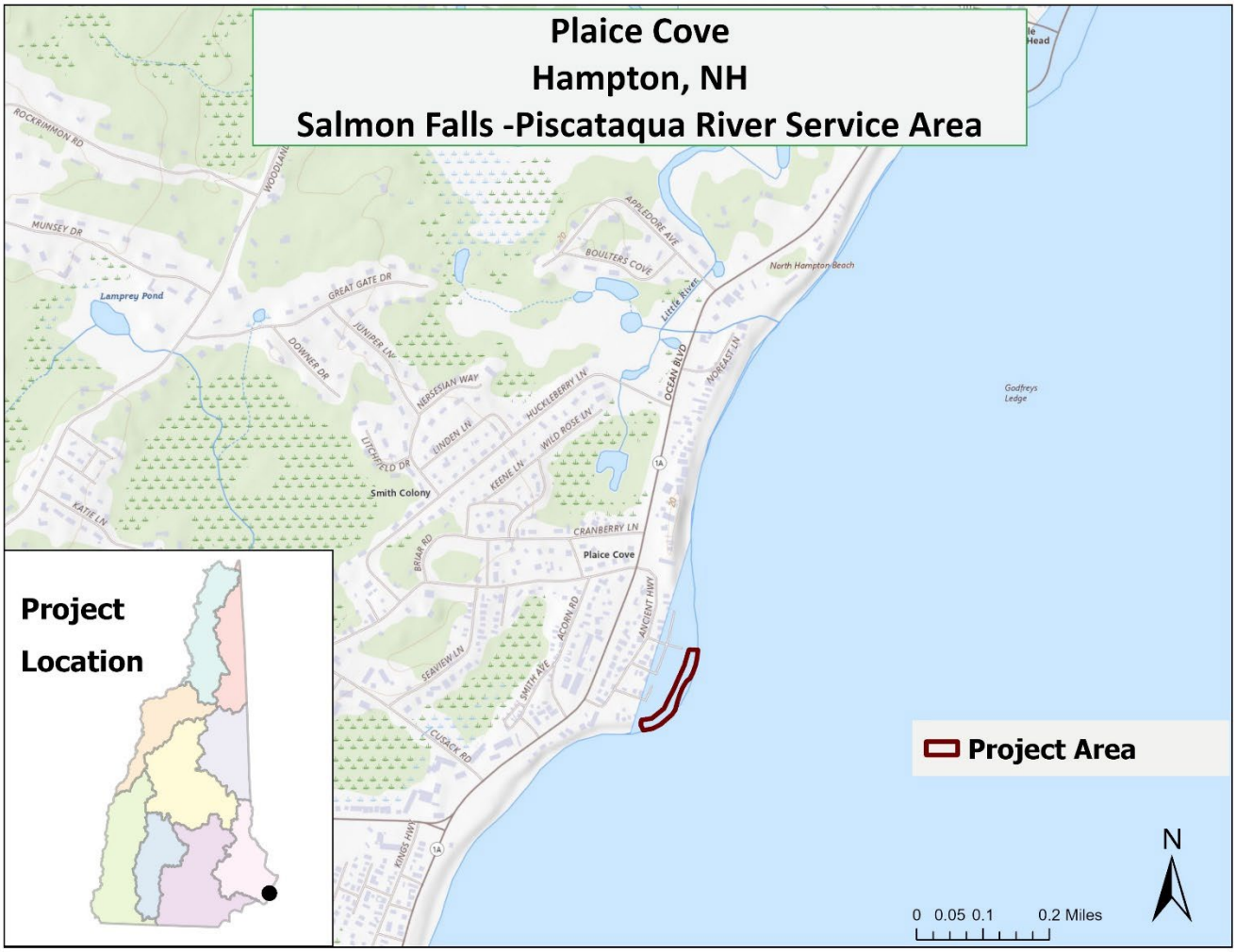
- The project is designed to restore the geomorphic and ecological integrity of the dune system and improve the aquatic resource functions and values within the landscape, resulting in a measurable increase in the total acreage of healthy dunes in New Hampshire and within the watershed.

- The project site is classified as New Hampshire Wildlife Action Plan highest ranked habitat in the State (Tier 1), including the fringe marsh habitat. Dune habitat is unique and limited in the state. The project will increase dune habitat acreage and enhance the functions of saltmarsh and rocky intertidal zone habitat benefiting shore birds and other wildlife.

- The project will restore, enhance, and protect similar resource acreage and functions and values to what was lost in the Salmon Falls- Piscataqua Rivers watershed by the permitted impacts that generated the funds, including groundwater recharge, nutrient removal/trapping/retention and transformation, sediment/toxicant retention, transformation and transport, flood flow alteration and resiliency, scenic quality, ecological integrity, wildlife habitat, fish and shellfish/aquatic life habitat, and shoreline stabilization.

- Plaice Cove Beach is owned by the Town of Hampton. The Town is exploring partnerships with local land trust organizations to establish a conservation instrument on the property. The Town of Hampton is committed to establishing a long-term conservation instrument to protect the restoration areas in perpetuity.

- The project aligns with the Town of Hampton's coastal resilience and natural resource priorities, and the project continues the town's volunteer monitoring and dune grass planting partnership with the University of New Hampshire Extension and NH Sea Grant


Plaice Cove
Hampton, NH
Salmon Falls -Piscataqua River Service Area
Project Location
Project Area
N
0 0.05 0.1 0.2 Miles
Smith Colony
Plaice Cove
North Hampton Beach
Lamprey Pond
Godfreys Ledge
ROCKINGHAM RD
MUNSEY DR
GREAT GATE DR
JUNIPER LN
DOWNER DR
NERSESIAN WAY
HUCKLEBERRY LN
WILD ROSE LN
LINDEN LN
LITCHFIELD DR
KEENE LN
KATIE LN
BRIAR RD
CRANBERRY LN
ACORN RD
SEAVIEW LN
SMITH AVE
CUSACK RD
KINGS HWY
ANCIENT HWY
OCEAN BLVD
MORSE LN
BOULTERS COVE
APPLEDORE AVE
Little River

Service Area:	**Upper Connecticut**	
Project Name/*Applicant*	**Town**	**Coordinates**
Maidstone Bends Conservation Project/*The Nature Conservancy*	Northumberland	Lat/Long: 44.575464, -71.546852

Project Scope:

- Permanent protection of 31 acres through fee simple acquisition by The Nature Conservancy (TNC). The property will be acquired, restored, and managed to optimize its prodigious aquatic habitat values, in accordance with TNC's Maidstone Bends Preserve Management Plan (February 2024). The goals of this plan include protection and restoration of important floodplain habitat for wildlife, flood storage, and water quality protection.

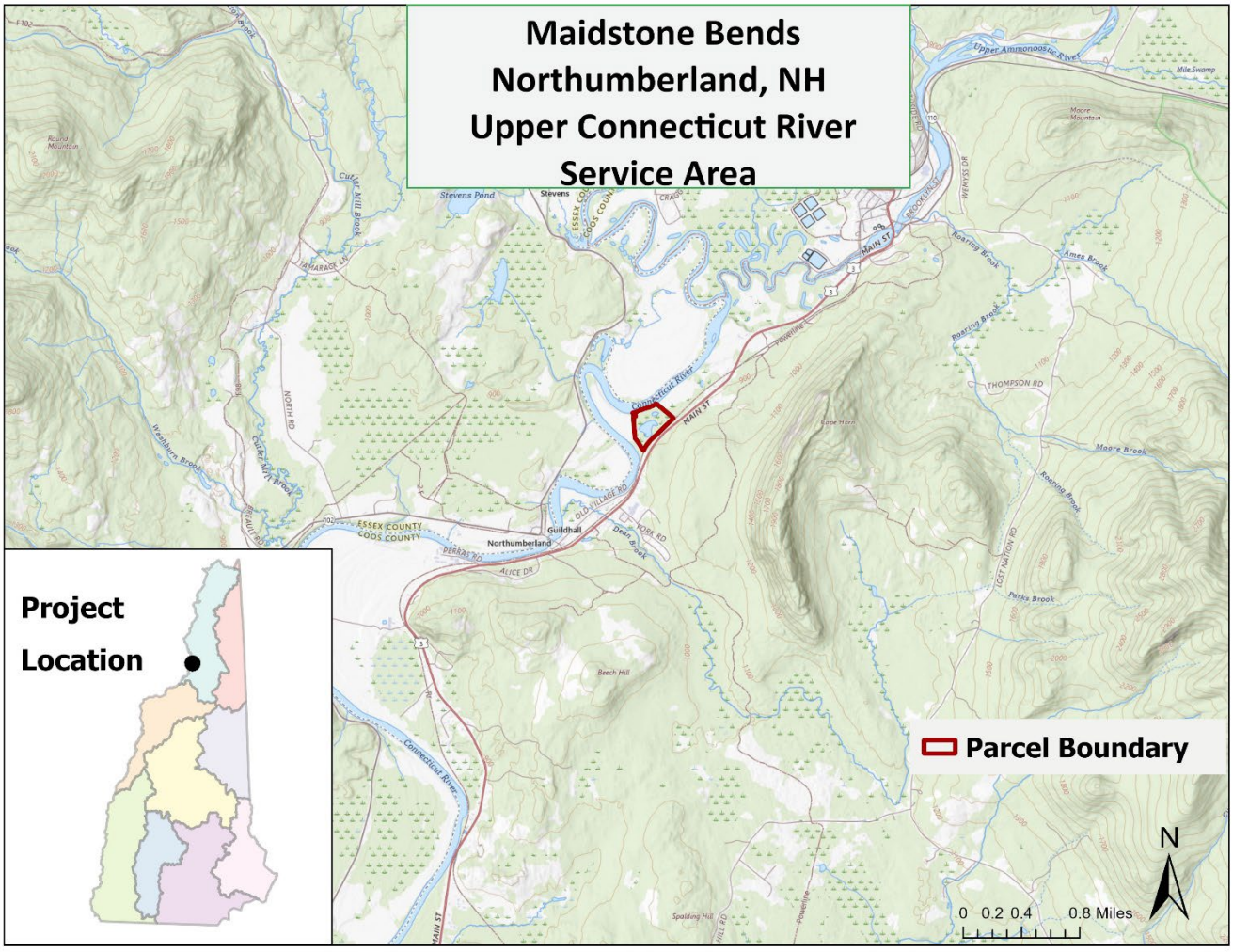
- The project parcel contains 15.5 acres of freshwater wetlands (forested, scrub shrub, emergent, and aquatic bed), 15.5 acres of aquatic resource buffer and upland, 935 linear feet of frontage on the Connecticut River and 531 linear feet of stream channel. Aquatic resources include difficult-to-replace features and features that have been practically eliminated elsewhere along the Connecticut River. These include oxbows, floodplain wetlands and remnant floodplain habitat that provide wildlife habitat, an unobstructed connection of 935-linear feet of unaltered and un-armored river frontage to its floodplain, Tier 1 floodplain habitat identified by TNC to help restore an intact flood regime and natural hydrology, intact canopies of riparian forest (which will be restored and expanded by the project), and patches of seasonal wetlands at the transition between floodplain and uplands.

- The project will actively restore 2.3 acres of agricultural fields adjacent to the Connecticut River to floodplain forest and enhance over 10 acres of forested/scrub-shrub wetlands via invasive species management. Approximately 0.7 acres of the agricultural field are within the active floodplain and show evidence of sediment deposition. The remaining 1.6 acres are within the FEMA 1% annual flood zone, and the entire field is within the 100 foot buffer of the Connecticut River.

- The site faces the threat of adverse modification from land alteration. Permanent protection of this parcel is critical to ensure the long-term viability of these high-value and irreplaceable aquatic resources.

- The project will restore, enhance, and protect similar functions and values to what was lost in the Upper Connecticut River watershed by the permitted impacts that generated the funds, including nutrient removal/trapping/retention and transformation, sediment/toxicant retention, transformation and transport, flood flow alteration and resiliency, ecological integrity, threatened & endangered species habitat, wildlife habitat, fish and shellfish/aquatic life habitat, scenic habitat, and shoreline stabilization.

- The project abuts a large network of conservation lands. The project is situated within the Maidstone Bends Conservation Focus Area and within a high priority landscape for regional wildlife connectivity as identified on numerous regional priority conservation plans including TNC's Freshwater Resilient and Connected Network, TNC's Connecticut River Corridor Management Plan, and the NH Wildlife Action Plan and supports locally important brook trout habitat, a high-value aquatic resource of regional significance.


Maidstone Bends
Northumberland, NH
Upper Connecticut River
Service Area
Project
Location
Parcel Boundary
N
0 0.2 0.4 0.8 Miles
Main St
Connecticut River
Guildhall
Northumberland
Stevens
Stevens Pond
Upper Ammonoosuc River
Roaring Brook
Ames Brook
Moore Brook
Perks Brook
Beech Hill
Spalding Hill
Cape Horn
Moore Mountain
Round Mountain
Mile Swamp
THOMPSON RD
OLD VILLAGE RD
NORTH RD
TAMARACK LN
ALICE DR
PERRAS RD
ESSEX COUNTY
COOS COUNTY
Cutler Mill Brook
Headwaters Brook
Powerline

Service Area:	**Upper Connecticut**	
Project Name/*Applicant*	**Town**	**Coordinates**
Washburn Family Forest Culvert Replacements Project/*Trout Unlimited*	Clarksville	Lat/Long: 45.039566, -71.433561

Project Scope:

- Restore 3.3 miles of stream connectivity through the replacement of three undersized stream crossing barriers (culverts) within the Washburn Family Forest property in Clarksville, NH. The project will re-connect coldwater refugia to the headwaters of Coolidge Brook and an unnamed tributary to the Connecticut River for eastern brook trout (EBT).

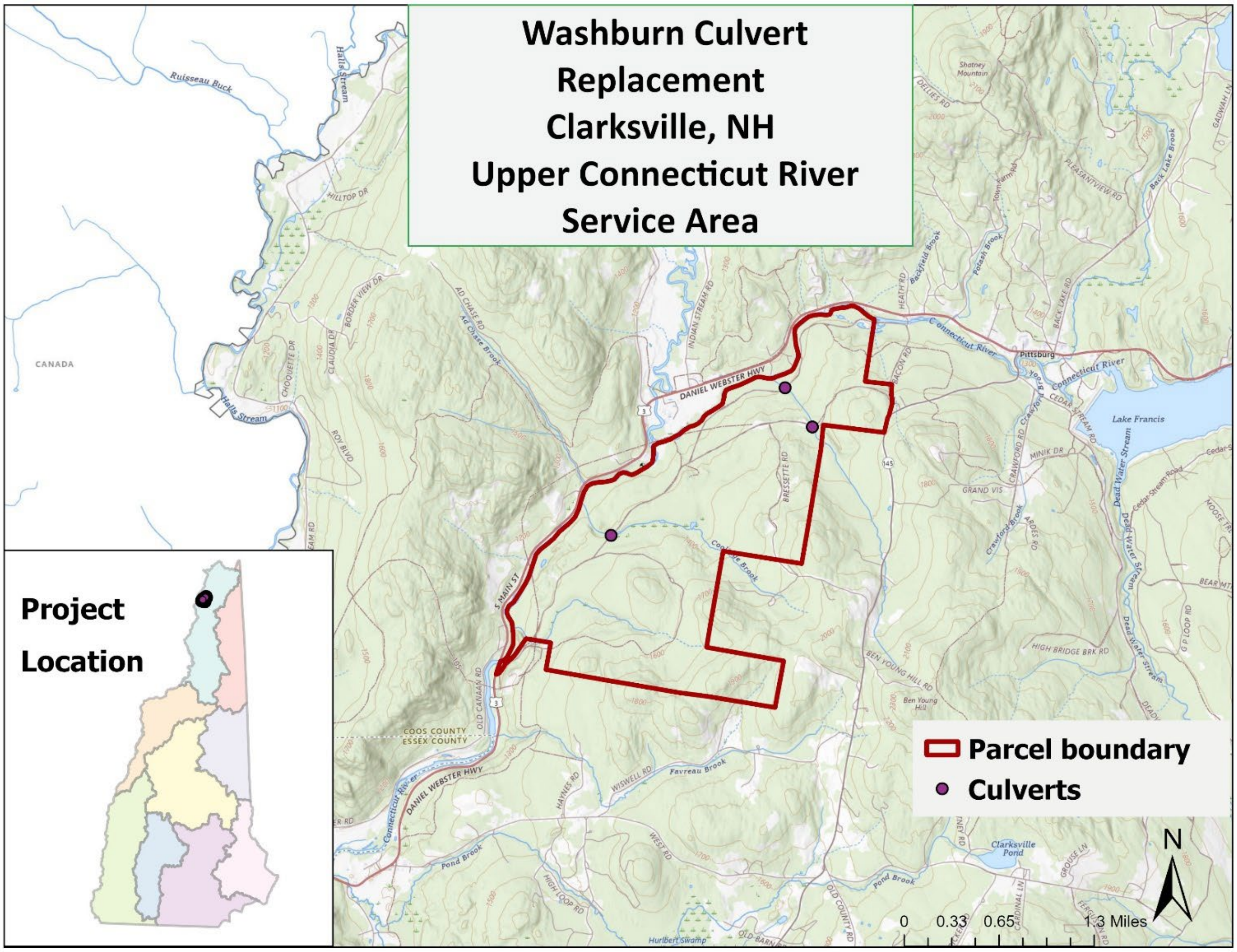
- The property is permanently conserved through ownership by the Society for the Protection of New Hampshire Forests (SPNHF) and through a conservation easement held by the NH Land and Community Heritage Investment Program (LCHIP).

- Installation of three geomorphically compatible crossings will restore 343 linear feet of degraded stream channel and function by accommodating 100-year storm flows, each stream's natural geomorphology and full aquatic organism passage (AOP).

- The three existing crossing structures are geomorphically incompatible with the streams that they convey, hydraulically vulnerable to overtopping during large storm events, and act as AOP barriers. Current conditions consist of bank and bed erosion immediately downstream of the crossings, which has resulted in perched structure outlets, preventing AOP to the headwaters of these streams.

- The project's tributaries are classified as coldwater fisheries and include land that is designated as highest ranked wildlife habitat in the state and region by the 2020 New Hampshire Wildlife Action Plan. The NH Fish and Game Department (NHFG) has verified the presence of EBT in the project's tributaries. EBT is a Watchlist Species in NHFG's Species of Greatest Conservation Need (SGCN) List.

- The project will restore, enhance, and protect similar functions and values to what was lost in the Upper Connecticut River watershed by the permitted impacts that generated the funds, including sediment and toxicant retention//transformation/transport, nutrient removal/trapping/retention and transformation, production export, scenic quality, flood flow alteration and resiliency, threatened & endangered species habitat, wildlife habitat, and fish and shellfish/aquatic life habitat.


Washburn Culvert
Replacement
Clarksville, NH
Upper Connecticut River
Service Area
Project
Location
Parcel boundary
Culverts
N
0 0.33 0.65 1.3 Miles