

Land & Community Revitalization  
**BROWNFIELDS**



United States  
Environmental Protection  
Agency New England

August 2005  
EPA-901-R-05-003

## 2005 NEW ENGLAND BROWNFIELDS PROGRAM SUMMARY & SUCCESS STORIES

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## GREETINGS FROM EPA NEW ENGLAND REGIONAL ADMINISTRATOR ROBERT VARNEY:



We are pleased to present the 2005 New England Brownfields Program Summary and Success Stories. Brownfields sites are real properties that are stigmatized by the possibility of environmental contamination. EPA's Brownfields Program helps communities assess contamination and clean up sites for reuse. This includes helping train residents of communities impacted by Brownfields to pursue environmental remediation careers.

Started as an agency initiative in 1994, EPA's Brownfields Program has evolved into a collaborative effort among a wide range of federal, state and local stakeholders. This report includes information on grants and other assistance provided by EPA to our partners that are working on Brownfields redevelopment efforts. We have included success stories from across the six New England states—from rural areas to urban

ones, and maybe even your community!

In 2002, President George W. Bush signed the Small Business Liability Relief and Brownfields Revitalization Act, commonly known as "the Brownfields Law." This law made more sites eligible for cleanup, including petroleum-contaminated sites, and expanded the grants for assessment, cleanup and job training. The legislation also increased funding opportunities for nonprofit groups and municipal, regional and state agencies collectively working to restore thousands of Brownfields sites across New England.

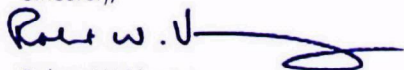
Since 1994, the New England Brownfields Program has provided more than \$107.9 million to hundreds of communities, agencies and nonprofit groups around the region. In 2005, EPA's Brownfields Program awarded 54 grants in New England totaling \$11.4 million. Specific allotments include \$9 million for hazardous substance assessment and cleanup, \$2.2 million for petroleum-only assessment and cleanup funding and a \$198,500 Brownfields Job Training Grant to the city of Bridgeport, Conn.

The Brownfields Program reflects a new model in environmental protection that is locally-based, forges strong public-private partnerships and promotes innovation and creativity. The program often relies on market incentives and private sector actions to restore blighted properties. This approach empowers state and local environmental and redevelopment officials to oversee Brownfields activities, ensuring that local solutions are created to solve local problems. EPA estimates that every acre of reclaimed Brownfields saves 4.5 acres of greenspace and, on average, every greenspace has doubled the value of surrounding properties.

EPA seeks to ensure that all citizens enjoy the benefits of a healthy environment and better quality of life, and that no community or neighborhood bears a heavy burden of environmental risks that may be detrimental to their health.

For more information about the Brownfields Program in New England, please read on and also visit our website at [www.epa.gov/newengland/brownfields](http://www.epa.gov/newengland/brownfields).

Sincerely,



Robert W. Varney  
Regional Administrator

## OVERVIEW

Since its inception in 1994, the EPA National Brownfields Program has spent over \$700 million and provided extensive technical assistance to help states, tribes, communities and other stakeholders involved in economic redevelopment work together to put Brownfields sites back into active use. This results-oriented program has changed the way contaminated property is perceived, addressed and managed.

Brownfields are properties where expansion, redevelopment or reuse may be complicated by the presence or potential presence of a hazardous substance, pollutant or contaminant. Brownfields revitalization efforts give communities the tools to reduce environmental and health risks, reuse abandoned properties, create a stronger local tax base, attract new businesses and jobs, create new recreational areas and reduce the pressure to develop open space.

The EPA Brownfields Program funds grants, pilot programs and research efforts. It aims to minimize legal issues, encourage partnerships, promote outreach, create job training programs and address environmental justice concerns. Although Brownfields are usually urban properties, such as old warehouses or abandoned factories, they are also found in rural areas, such as vacant mills or fields where illegal dumping has taken place. Coordinated efforts are needed to revitalize these properties and the neighborhoods surrounding them.

Brownfields grants are the foundation of EPA's Brownfields Program. These grants fund environmental assessments, cleanups and job training activities. The Brownfields Assessment Grant Program provides funding for inventories, planning, environmental assessments and community outreach. The Brownfields Cleanup Revolving Loan Fund Grant Program distributes funding to capitalize loans that are used to clean up Brownfields. The Brownfields Job Training Grant Program provides environmental training for residents of Brownfields communities. The Brownfields Cleanup Grant Program funds cleanup activities to both municipalities and nonprofit organizations.

EPA announced the first Brownfields Action Agenda in 1995, which outlined the activities EPA would commit to further Brownfields redevelopment efforts. In 1997, the Brownfields National Partnership Action Agenda was announced, which formalized Brownfields efforts and dedication to Brownfields redevelopment across various federal agencies and non-federal Brownfields organizations. In 2002, the Brownfields National Partnership Action Agenda was updated. It is an agreement between EPA and 21 other federal agencies and departments that promotes more than 100 commitments for cooperative work to help communities more effectively prevent, clean up and reuse Brownfields. The agenda is available online at: <http://www.epa.gov/brownfields/partnr.htm>

In 2002, President George W. Bush signed into law the Small Business Liability Relief and Brownfields Revitalization Act, which authorizes up to \$250 million per year for Brownfields grants, including up to \$50 million for state funding. The law also allows for the assessment and clean up of low-risk, petroleum-contaminated sites.

Brownfields reuse and redevelopment remain among President Bush's and EPA Administrator Steven Johnson's top priorities. By cleaning up and reinvesting in Brownfields, development pressure is taken off undeveloped, open land—which both improves and protects the environment and human health. Nationally, the program has awarded funding to over 800 communities, stimulating over \$5 billion in funds leveraged for cleanup and redevelopment. With many new jobs created in some of the nation's most under-served and impoverished neighborhoods, it is easy to understand how this program has gained the continuous support of decision-makers at all levels of government.

Over the past 11 years, EPA New England has received \$107.9 million for work in dozens of communities in the six states across the region—Connecticut, Maine, Massachusetts, New Hampshire,



Rhode Island and Vermont. Over \$420 million in private investments has also been leveraged. Almost 550 students have graduated from the nine Brownfields job training programs, with many finding successful jobs in the environmental technology field or choosing to continue their education.

The 2005 New England Brownfields Program Summary and Success Stories highlights some of the region's exceptional stories of Brownfields revitalization.

## SUMMARY OF BROWNFIELDS FUNDING IN NEW ENGLAND

### PROGRAM FUNDING DISTRIBUTION BY STATE (1994-2005)

PROGRAM	CT	ME	MA	NH	RI	VT	TOTAL
ASSESSMENT GRANTS	\$6,989,130	\$3,709,017	\$14,520,131	\$2,429,000	\$1,703,000	\$3,660,000	\$33,010,278
CLEANUP GRANTS	\$2,685,500	\$418,000	\$3,924,883	\$600,000	\$800,000	\$0	\$8,428,383
CLEANUP REVOLVING LOANS	\$6,750,000	\$3,400,000	\$10,468,000	\$3,451,790	\$5,300,000	\$1,000,000	\$30,369,790
JOB TRAINING	\$1,198,500	\$200,000	\$1,747,035	\$0	\$350,000	\$0	\$3,495,535
TARGETED ASSESSMENTS	\$1,722,470	\$426,339	\$3,143,869	\$398,926	\$414,217	\$266,621	\$6,372,442
STATE BROWNFIELDS FUNDING	\$4,861,268	\$3,096,154	\$6,407,315	\$5,431,024	\$3,747,860	\$1,484,399	\$25,028,020
SHOWCASE COMMUNITIES	\$300,000	\$0	\$600,000	\$0	\$300,000	\$0	\$1,200,000
<b>TOTAL</b>	<b>\$24,506,868</b>	<b>\$11,249,510</b>	<b>\$40,811,233</b>	<b>\$12,310,740</b>	<b>\$12,615,077</b>	<b>\$6,411,020</b>	<b>\$107,904,448</b>

## KEY BROWNFIELDS PROGRAMS

### Assessment Grant Program

The Brownfields Assessment Grant Program awards grants to local, tribal, and state governmental entities to conduct assessment and related activities at Brownfields properties. An important goal of this program is to assist recipients in developing a long-term strategy for brownfields reuse. Grantees are selected through a national competition.

Generally, grants are awarded for up to \$200,000 to assess properties for co-mingled hazardous waste or petroleum contamination. The figures in the tables that follow are cumulative totals of all grants that communities across New England received since 1994, organized by state.

#### CONNECTICUT

Bridgeport	\$1,000,000
Bristol	\$200,000
Capitol Region Council of Governments	\$400,000
Danbury	\$200,000
East Hampton	\$175,000
Griswold	\$200,000
Haddam	\$156,000
Hartford	\$550,000
Meriden	\$200,000
Middletown	\$400,000
Valley Council of Governments	\$325,000
Naugatuck Valley Regional Planning Agency	\$417,000
New Britain	\$200,000
New Haven	\$267,000
New London	\$250,000
New Milford	\$350,000
Newington	\$200,000
Norwich	\$350,000
South Central Regional Council of Governments	\$200,000
Stamford	\$200,000
Torrington	\$199,130
Winsted / Winchester	\$550,000

#### MAINE

Androscoggin Valley Council of Governments	\$200,000
Bath	\$400,000
Brewer	\$350,000
Brunswick	\$150,000
Ellsworth	\$200,000
Kennebec Valley Council of Governments	\$200,000



## Key Brownfields Programs



Lewiston	\$625,000
Maine State Planning Agency	\$199,017
Portland	\$535,000
Sanford	\$200,000
Southern Maine Regional Planning Commission	\$200,000
Westbrook	\$450,000

### MASSACHUSETTS

Attleboro	\$200,000
Berkshire Regional Planning Commission	\$300,000
Boston	\$737,000
Brockton	\$750,000
Central Massachusetts Economic Development Authority	\$293,710
Chelsea	\$200,000
Chicopee	\$200,000
Colrain	\$235,862
Everett	\$200,000
Fitchburg	\$200,000
Fitchburg Redevelopment Authority	\$400,000
Franklin Regional Council of Governments	\$200,000
Gardner	\$200,000
Great Barrington	\$350,000
Greenfield	\$320,000
Haverhill	\$400,000
Holyoke	\$250,000
Lawrence	\$400,000
Lowell	\$600,000
Lynn	\$350,000
Mansfield	\$200,000
Marlborough	\$350,000
Massachusetts Department of Environmental Protection	\$200,000
Merrimack Valley Planning Commission	\$400,000
Methuen	\$200,000
Montachusett Valley Regional Planning	\$550,000
Mystic Valley Redevelopment Authority	\$950,000
New Bedford	\$800,000
Norfolk County	\$400,000
North Adams	\$140,770
Northampton	\$200,000
Pioneer Valley Regional Planning Authority	\$350,000

Salem	\$200,000
Somerville	\$550,000
Springfield	\$800,000
Taunton	\$400,000
Walpole	\$200,000
Westfield	\$175,000
West Springfield	\$200,000
Worcester	\$267,789

## NEW HAMPSHIRE

Claremont	\$200,000
Concord	\$90,000
NH Department of Environmental Services	\$350,000
Nashua	\$473,000
Nashua Regional Planning Commission	\$200,000
NH Office of State Planning	\$400,000
North Country Council	\$200,000
Southwest Regional Planning Commission	\$516,000

## RHODE ISLAND

Cranston	\$200,000
Providence	\$250,000
RI Department of Environmental Management	\$400,000
RI Economic Development Corporation	\$600,000
Warwick	\$150,000
Woonsocket	\$103,000

## VERMONT

Bennington County Regional Commission	\$200,000
Burlington	\$700,000
Central Vermont Regional Planning Commission	\$200,000
Lamoille County Planning Commission	\$200,000
Northwest Regional Planning Commission	\$400,000
Rutland	\$200,000
Rutland Regional Planning Commission	\$400,000
Southern Windsor County Regional Planning Commission	\$210,000
Two Rivers Ottauquechee Regional Commission	\$600,000
Windham Regional Commission	\$550,000



### Cleanup Grant Program

Funds are awarded to eligible local, state, tribal and nonprofit entities to conduct cleanup activities on eligible brownfields properties. Grants are for up to \$200,000 per property. Entities must own the property at the time of award to be eligible for funding. The figures in the tables that follow are cumulative totals of all grants that municipalities and nonprofit organizations across New England received since 1994, organized by state.

#### MUNICIPALITIES

##### CONNECTICUT

###### Bridgeport

Chrome Engineering Site, 405 Central Avenue	\$200,000
Mt. Trashmore, 329 Central Avenue	\$200,000
Pacelli Trucking Site, 79- 19 Trowell Street and 310-318 Eagle Street	\$200,000

###### Georgetown

Management Area Site, 15 North Main Street	\$200,000
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###### Greenwich

Cos Cob Power Plant, 22 Sound Shore Drive	\$200,000
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###### Middletown

Portland Chemical Works Site, 680 Newfield Street (rear)	\$200,000
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###### New Britain

207 Oak Street	\$60,000
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###### New Haven

Brewery Building, 456 - 458 Grand Avenue	\$200,000
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###### New Milford

Century Enterprise Center, Housatonic Avenue and Aspetuck Ridge Road	\$200,000
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###### Shelton

The Shelton Farm and Public Market, 100 East Canal Street	\$200,000
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###### Stamford

Seaboard Equities Building, 1 Dock Street	\$25,500
114 Manhattan Street	\$200,000

###### Vernon

Hockanum Mill Site, 200 West Main Street	\$200,000
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#### MAINE

##### Lewiston

W.S. Libbey Mill Site, 6 Mill Street	\$200,000
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Portland	
Bayside Rail Yard	\$150,000
MASSACHUSETTS	
Boston	
Boston Redevelopment Authority, Belle Isle Coastal Preserve, Saratoga Street	\$200,000
Brockton	
Montello Auto Body, 166 East Ashland Street	\$159,500
389 Warren Avenue	\$100,000
Greenfield	
Food and Fuel Site, 270 Deerfield Street	\$125,000
Holyoke	
Hallmark Van Lines, 160 Middle Water Street	\$200,000
Lowell	
115 Middlesex Street	\$112,080
101 Middlesex Street	\$142,960
Malden	
Mystic Valley Development Commission	
Kazanjan Property, 171 and 171R Corporation Way	\$200,000
Poonessa Property, 255 and 260 Corporation Way and 16 Cooper Street	\$200,000
211 Corporation Way	\$80,000
Marlborough	
84 Chestnut Street	\$173,583
Rail Trail, Kelleher Sites, 56 Jefferson Street	\$199,200
Monson	
South Main Street School/Dan Wesson Arms Facility, 293 South Main Street	\$200,000
New Bedford	
Fairhaven Mills, Lot 167	\$35,000
Fairhaven Mills, Lot 262	\$85,000
Reliable Truss Site, 246 River Road	\$200,000
North Adams	
128 Union Street (Route 2),	\$104,000
Northborough	
Northborough Fish and Game Club, 119 Colburn Street	\$200,000



## Key Brownfields Programs



**Somerville**  
30 Allen Street \$200,000

**Springfield**  
Hampden Color and Chemical, 126 Memorial Drive \$200,000  
Gemini Building, 33 Morris Street \$200,000

**Worcester**  
Main South Community Development Corporation,  
875 Main Street \$200,000

**West Springfield**  
West Springfield Trade Center, 189 Western Avenue and  
220 Day Street \$156,560

### NEW HAMPSHIRE

**Durham**  
Craig Supply Site, Depot Road \$200,000

**Keene**  
Perkins Machine Shop property, 92 and 110 Water Street \$200,000

**Nashua**  
76 Temple Street \$200,000

### RHODE ISLAND

**Providence**  
Louttit Laundry Site, 93 Cranston Street \$200,000

### NONPROFIT ORGANIZATIONS CONNECTICUT

**Georgetown**  
Georgetown Redevelopment Corporation, Gilbert  
and Bennet By-Product, 15 North Main Street \$200,000

**New London**  
Habitat for Humanity of Southeastern Connecticut,  
vacant lot on Fitch Avenue \$200,000

### MAINE

**Norway**  
Downtown Revitalization Corp., Cummings Mill,  
8 Pikes Hill Road \$68,000

## MASSACHUSETTS

## Essex

Essex Historical Society & Shipbuilding Museum, Essex Shipbuilding Museum, 66 Main Street	\$200,000
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## Taunton

Weir Economic Investment Revitalization Corporation, 9 West Water Street	\$52,000
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## RHODE ISLAND

## East Providence

Meeting Street National Center of Excellence, 960, 962, 996 and 1000 Eddy Street and 43 Haswell Street	\$200,000
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## Providence

Trust for Public Land, 67 Melissa Street	\$200,000
Johnson and Wales University, Parcel 7, 250 Shipyard Street	\$200,000

**Cleanup Revolving Loan Fund Program**

Funds are awarded to eligible local, tribal, and state entities to establish and capitalize a Revolving Loan Fund Program. Loan capitalization grants are for up to \$1,000,000 and eligible entities may join together to establish larger revolving loan fund pools. Grant recipients may provide loans to private, public and nonprofit entities to conduct cleanup activities on eligible brownfield properties. Grant recipients may also make subgrants to public and nonprofit entities to conduct cleanup activities. The figures in the tables that follow are cumulative totals of all grants that communities across New England received since 1994, organized by state.

## CONNECTICUT

Berlin	\$500,000
Bridgeport	\$1,500,000
Hartford Department of Economic Development	\$500,000
Valley Council of Governments	\$850,000
New Milford	\$1,000,000
Regional Growth Partnership	\$1,000,000
Stamford	\$750,000
Winchester	\$650,000

## MAINE

Bath	\$750,000
Lewiston	\$500,000
Orono	\$750,000
Portland	\$500,000
Westbrook	\$900,000



## MASSACHUSETTS

Boston	\$1,000,000
Brockton	\$500,000
Central Massachusetts Economic Development Authority	\$18,000
Franklin Regional Council of Governments	\$1,000,000
Gloucester	\$500,000
Lawrence	\$500,000
Lowell	\$500,000
Lynn	\$450,000
Montachusett Regional Planning Commission	\$500,000
Mystic Valley Development Authority	\$1,000,000
New Bedford	\$500,000
Pioneer Valley Planning Commission	\$2,000,000
Somerville	\$500,000
Taunton	\$500,000
Worcester	\$1,000,000

## NEW HAMPSHIRE

NH Department of Environmental Service	\$1,001,790
State of New Hampshire	\$2,450,000

## RHODE ISLAND

RI Department of Environmental Management / RI Economic Development Corporation	\$1,700,000
RI Economic Development Corporation / City of Providence / City of Pawtucket	\$3,000,000
RI Economic Development Corporation	\$600,000

## VERMONT

South Windsor County Regional Planning Commission	\$1,000,000
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## Job Training Program

Brownfields Job Training Programs train workers in the field of hazardous waste assessment and remediation. To be eligible for these funds, the applicants must be affiliated with existing Brownfields Assessment Grant Program participants. The figures in the tables that follow are cumulative totals of all grants that municipalities and nonprofit organizations across New England received since 1994, organized by state.

## CONNECTICUT

Bridgeport	\$198,500
Middlesex Community Technical College	\$400,000
Stamford	\$200,000
The WorkPlace, Inc.	\$400,000

## MAINE

Lewiston	\$200,000
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## MASSACHUSETTS

Boston Connects People to Economic Opportunities, Inc.	\$200,000
Brockton	\$200,000
Coalition for a Better Acre	\$200,000
JFY Networks	\$475,000
Lawrence	\$197,035
New Bedford	\$275,000
STRIVE	\$200,000

## RHODE ISLAND

Groundwork Providence	\$350,000
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**Targeted Assessment Program**

EPA works directly with contractors to conduct assessments at properties identified by the local entity as being high-priority for reuse. Targeted Assessments typically involve a review of existing records, sampling and preparation of a preliminary cleanup cost estimate. The information gathered allows local government officials and developers to make informed decisions regarding the redevelopment potential of a property. These assessments are usually valued between \$50,000 and \$100,000. The tables that follow list sites that were assessed in communities across New England and their estimated value, organized by state.

## CONNECTICUT

<b>Bridgeport</b>	
50 Miles Street	\$15,615
Pacelli Trucking, 79 - 199 Trowell Street and 310 - 318 Eagle Street	\$76,233
Swan Engraving, 385 Hanover Street	\$52,448
<b>Bristol</b>	
H.J. Mills Box Factory, 149 - 151 Church Street	\$64,867
<b>Derby</b>	
O'Sullivan's Island, Housatonic River	\$96,981
<b>Glastonbury</b>	
Field-Holstein Property, Phelps Street	\$84,905
<b>Greenwich</b>	
Cos Cob Power Station, 22 Sound Shore Drive	\$116,291
<b>Hartford</b>	
10 Reserve Road	\$59,403
Hartford Car Wash, 2434 - 2470 Main Street	\$22,895



## Key Brownfields Programs



<b>Ledyard</b>		
Erickson Property, 110 - 114 Military Highway		\$10,952
<b>Manchester</b>		
Buckland Manufacturing, 131 Adams Street		\$26,408
<b>Middletown</b>		
Portland Chemical Works, 680 Newfield Street		\$70,444
<b>New London</b>		
Penn Central Transportation Co., Foot of State Street		\$51,692
<b>North Haven</b>		
249 Sackett Point Road		\$100,000
<b>Norwich</b>		
Occum Roto Print, 2 Taftville-Occum Road		\$84,903
<b>Plainfield</b>		
InterRoyal Mill, 20 Reservoir Street		\$116,397
<b>Plymouth</b>		
Hart Property, 269 Main Street		\$75,000
<b>Prospect</b>		
U.S. Cap and Jacket, Inc., 214 New Haven Road (Route 69)		\$78,836
<b>Redding</b>		
Gilbert and Bennett, 1 North Main Street		\$100,000
<b>Shelton</b>		
Rolfite Chemical, 131 Canal Street		\$61,815
Samarius Property, 123 Canal Street		\$13,602
Shelton Waterfront, Canal Street		\$75,000
<b>Vernon</b>		
Amerbelle Textiles, 104 East Main Street and 5 Brooklyn Street		\$100,000
Hockanum Mill, 200 West Main Street		\$96,196
Roosevelt Mills, 215 East Main Street		\$71,587
<b>MAINE</b>		
<b>Lewiston</b>		
W.S. Libbey Mill, 6 Mill Street		\$71,294
Lewiston and Auburn Railroad Co., 8 Water Street		\$60,151
<b>Old Town</b>		
Lily Tulip, North Main Street		\$18,966
<b>Orono</b>		
Ayers Island, One Ayers Island		\$111,770

Peru	
Diamond Match Mill, Mill Street	\$164,158
MASSACHUSETTS	
Amesbury	
Amesbury Wharf, 31 Water Street	\$104,800
Bellingham	
Pearl Street Mill, 26 Pearl Street	\$184,505
Boston	
Ferdinand Block, 294 River Street	\$33,872
Modern Electroplating, 2340 Washington Street	\$78,311
Brockton	
Bargaineer Center, 70 East Battles Street	\$45,847
Knapp Shoe, 153 Spark Street	\$50,025
Montello Auto Body, 166 East Ashland Street	\$67,315
Brookfield	
54 - 67 Mill Street	\$110,437
Hopedale	
Draper Field	\$100,000
Dorchester	
Boston's Hope, 219 - 221 Harvard Street, 53 and 88 - 98 Nightingale Street, 83 - 89 Wales Street, 46, 71 - 78 and 85 - 89 Kingsdale Street, 17 and 19 Browning Avenue	\$106,350
Dudley	
Former Stevens Bleachery, Ardloc Place	\$100,000
Essex	
Essex Shipbuilding Museum, 66 Main Street	\$133,143
Everett	
Tremont Villa, 168 Tremont Street	\$66,473
Fall River	
City Pier, West of Davol Street	\$104,737
Foxborough	
Seltsam Property, 170 Oak Street	\$64,388
Franklin	
Old Sewer Beds, Pond Street	\$128,120



## Key Brownfields Programs

### Gardner

Former Garbose Metals Factory, 155 Mill Street \$140,000

### Gloucester

Marine Railways Property, 9 Harborloop \$122,504

Omnivave Electronics, 22 Blackburn Drive \$89,501

### Greenfield

Food and Fuel, 270 Deerfield Street \$100,000

### Hardwick

Gilbertville Woven Label Site, Upper Church Street \$63,001

### Holyoke

Hallmark Van Lines, 160 Middle Water Street \$69,886

### Lawrence

Oxford Paper Mill (Spicket River), Canal Street \$115,241

### Lowell

Assets Building, Market Street \$146,712

Davidson Street Properties, 21, 45  
and 105 Davidson Street \$57,551

### Lynn

Former Beacon Chevrolet, 254 Lynnway \$9,915

### Mantague

15 Rod Shop Road \$100,000

### Monson

Omega Processing Site, 21 Bliss Street \$140,823

### Newburyport

Former Department of Public Works Yard,  
129 Merrimac Street \$63,018

### New Bedford

Alden Corrugated, 1 Church Street \$43,495

Standard Times Field, Front Street \$60,175

### Northampton

Former Department of Public Works Yard, 125 Locust Street,  
237 and 265 Prospect Street \$81,804

Old Northampton Fire Station, Masonic Street \$49,950

Roundhouse Parking Lot, Old South Street \$85,483

### Quincy

Quarry Street Highpoint Property, 193 - 323 Quarry Street \$10,640

**Taunton**

Church Coal, 494 Weir Street \$44,891

**Worcester**

Coes Knife Property, Coes Street \$70,956

**NEW HAMPSHIRE****Newport**

Ambargis Mill, 8 Greenwood Road \$116,748

**Durham**

Craig Supply, Depot Road \$70,409

**Milton**

Former Tannery Site (Milton Mills), Walter Street \$165,300

**Sutton**

Henry's Tire Property, Route 114 \$6,818

**Franklin**

J.P. Stevens Mill, East Bow Street \$8,697

**Londonderry**

Lamont Labs, 6 Perimeter Road \$30,954

**RHODE ISLAND****Central Falls**

Spintex Mill, 1461 High Street \$28,183

**Providence**

60 Valley Street \$100,000

Narragansett Landing, Allens Avenue \$41,614

Rau Fasteners, 102 Westfield Street \$33,570

Save The Bay, 100 Bayview Drive \$133,638

West Elmwood Housing Development, 392 Cranston Street \$77,212

**VERMONT****Montpelier**

Carr Lot, Taylor Street \$110,317

**Rockingham**

TLR Complex, Mill Street \$56,304

**Windsor**

28 River Street \$100,000





### State Site-Specific Assessments

EPA offers funding to establish and enhance state and tribal response programs. Generally, these programs address the assessment, cleanup and redevelopment of brownfields and other contaminated properties. Among other things, this funding may be used by states and tribes to conduct site-specific activities that enhance the state's cleanup capacity, including conducting site-specific reviews and audits or state site-specific assessments and cleanup. The tables that follow list sites that were assessed in communities across New England, organized by state.

#### CONNECTICUT

- CT Department of Transportation Site #1, Portland
- National Automatic Products, Berlin
- Turnpike Autowreckers, Westbrook
- American Tool & Machine, Windsor
- Berlin Center, Berlin
- Neoweld Corporation I, Cornwall
- Samarius Property, Shelton
- Hi-G Company Property, South Windsor
- New Hall Street School (Rochford Field), Hamden
- Derby Department of Transportation Parcel, Derby

#### MAINE

- Ayers Island, Orono
- Edwards Manufacturing, Augusta
- Burt Company Site, Portland
- Bangor Hydro Substation, East Machias
- Smelt Hill Dam, Falmouth
- Apollo Tanning Company, Camden
- Industrial Box and Lumber, Parsonfield
- Howland Tannery, Howland
- Bradley Crow Rope, Warren
- Eastern Fine Paper, Brewer
- Rolnick Property, Brewer
- Precision Metals, Roxbury

#### MASSACHUSETTS

- Middleboro Plating, Middleboro
- Filmtech Site, Westfield
- Lewis Chemical Company Site, Boston
- Hampden Color & Chemical Site, Springfield
- Swank Site, Attleboro
- Cadillac Paint, Ashland
- Town Barn Facility, Ashburnham

- Lot 6-2, Taunton
- Microfab, Amesbury
- Former Shoe Manufacturing Site, Whitman
- Marra Property, Wrentham
- Woburn Loop Right-of-Way, Woburn
- Sterling Supply, North Reading

## NEW HAMPSHIRE

- Carnevale Property, Sutton
- Kaminski, Mount Vernon
- Bradford Green / Naughton Site, Bradford
- East Coast Steel, Greenfield
- Craig Supply, Durham
- Bristol Mica Factory, Bristol
- Robert Riley Property, New Boston
- Contoocook Valley Paper Site, Henniker
- Northern Forest Heritage Park, Former Pulp & Paper of America R & D Building Site, Berlin
- Shamrock Cleaners Site, Derry
- Rex Leathers / Regis Tannery, Raymond
- Elite Laundry, Jaffrey
- Troy Mills, Troy
- AC Lawrence Leathers, Winchester
- Seppala & Aho Site, New Ipswich
- Lamont Laboratories, Londonderry
- Woodsville Railyard, Haverhill
- Surrette Battery, Northfield
- Pillsbury Mill, Tilton
- Monadnock Mills, Claremont
- Whitney Screw, Nashua
- Kelley's Salvage Yard, Plymouth
- Notre Dame / Burgess School, Berlin
- Hartford Property, Harrisville
- Spaulding Composites Lagoon Site, Milton
- Breton Cleaners, Somersworth

## RHODE ISLAND

- Buttonwood Industrial Complex, Bristol
- Pontiac Enterprises, Warwick
- T.H. Baylis, Warwick



- Chepachet River Park, Glocester
- Park View Recreational Facility, Cranston
- Olneyville Family Resource Center, Providence
- Stillwater Mill Complex, Clock Tower Building Parcel, Burrillville
- Festival Pier, Pawtucket

### VERMONT

- BCIC Building Complex, North Bennington
- Jewell Brook Property, Ludlow
- Sweat Comings, Richford
- Stanley Tools, Shaftsbury
- Downtown Windsor, Windsor
- 151 S. Champlain Street, Burlington
- Jard Chemical Co., Bennington
- Williams Machine Co., Poultney

### Showcase Communities

As part of the multi-federal agency Brownfields National Partnership, sixteen communities were selected to receive Showcase Community designations following a national competition. The federal partners work with selected communities to revitalize Brownfields properties.

EPA generally provides each Showcase Community with a \$200,000 Brownfields Demonstration Pilot and assigns an EPA-employee to work full time in the designated community for two years.

### CONNECTICUT

Stamford	\$300,000
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### MASSACHUSETTS

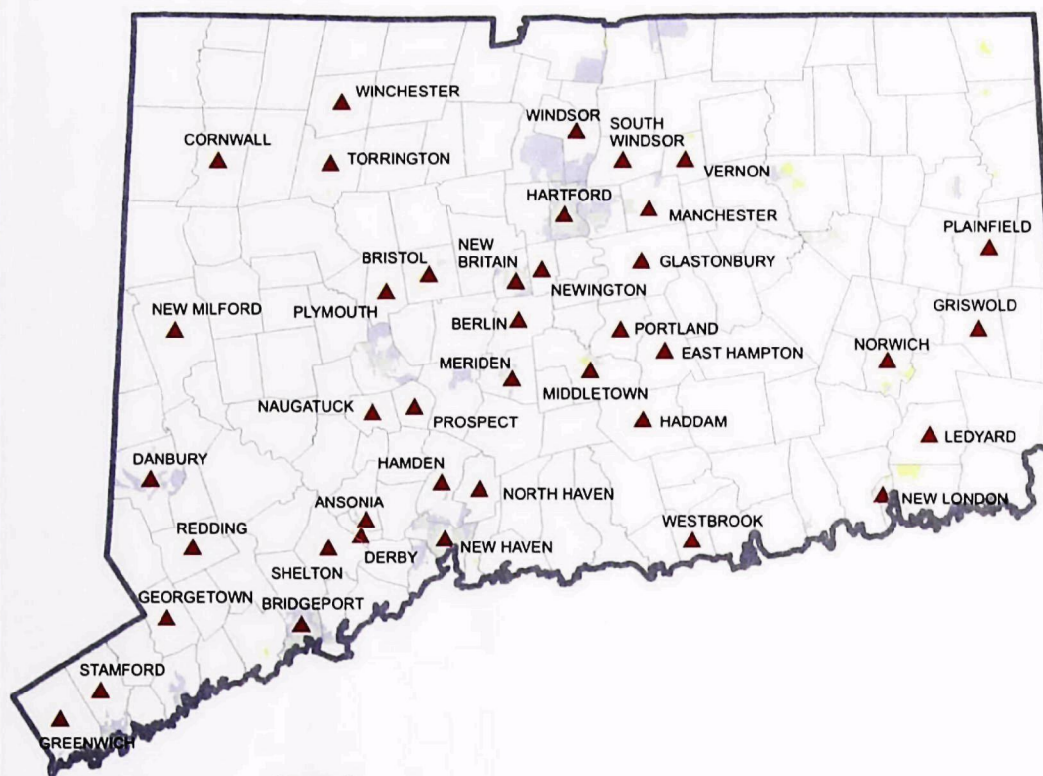
Lowell	\$300,000
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Mystic Valley Development Corporation, Malden, Medford and Everett	\$300,000
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### RHODE ISLAND

Providence	\$300,000
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## Connecticut Communities Receiving Federal Brownfields Program Financial and Technical Assistance



### Legend

▲ Municipalities Receiving Brownfields Program Assistance

### Environmental Justice Status

Low-Income  
 Minority  
 Both  
 Neither  
 Unpopulated

### Summary of Funding

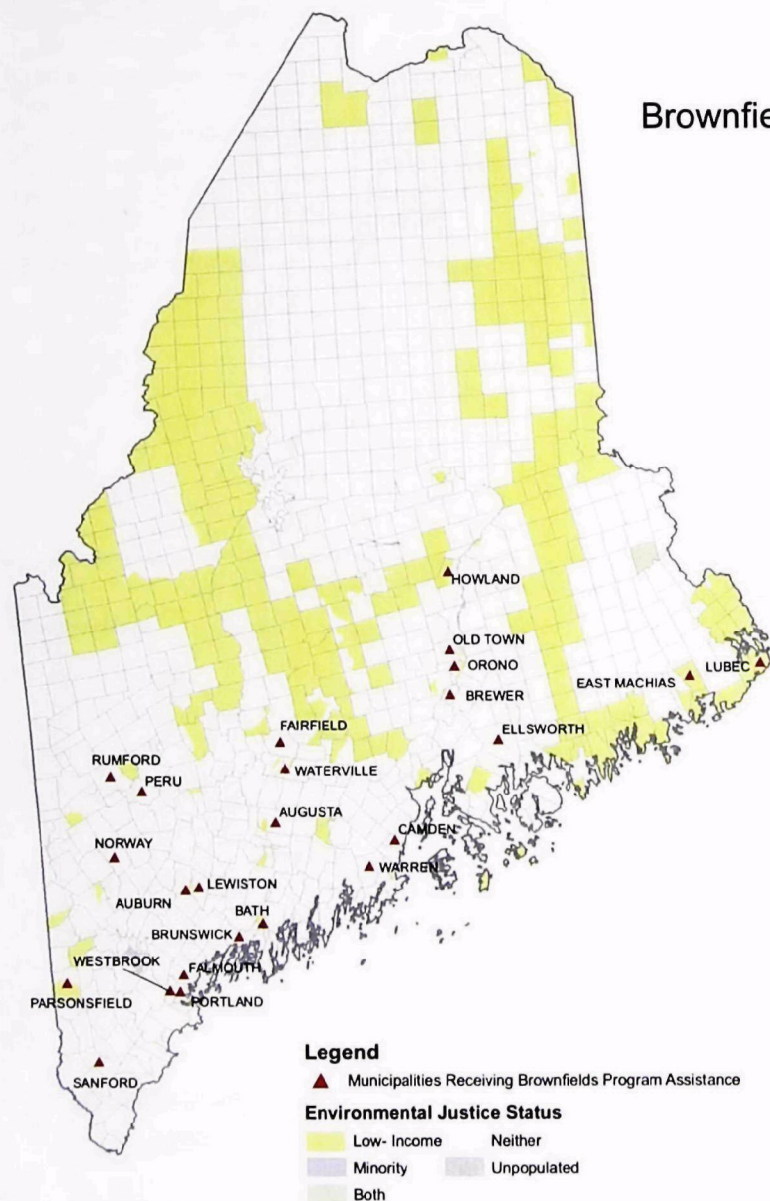
Program	Funding
Assessment Grants	\$6,989,130
Cleanup Grants	\$2,685,500
Cleanup Revolving Loan Fund	\$6,750,000
Job Training	\$1,198,500
Targeted Assessments	\$1,722,470
State Brownfields Funding	\$4,861,268
Showcase Communities	\$300,000
<b>GRAND TOTAL</b>	<b>\$24,506,868</b>

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## Maine Communities Receiving Federal Brownfields Program Financial and Technical Assistance



### Summary of Funding

Program	Funding
Assessment Grants	\$3,709,017
Cleanup Grants	\$418,000
Cleanup Revolving Loan Fund	\$3,400,000
Job Training	\$200,000
Targeted Assessments	\$426,339
State Brownfields Funding	\$3,096,154
Showcase Communities	\$0
<b>GRAND TOTAL</b>	<b>\$11,249,510</b>

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**Legend**

- ▲ Municipalities Receiving Brownfields Program Assistance

**Environmental Justice Status**

- Low- Income
- Minority
- Both
- Neither
- Unpopulated

**Summary of Funding**

Program	Funding
Assessment Grants	\$14,520,131
Cleanup Grants	\$3,924,883

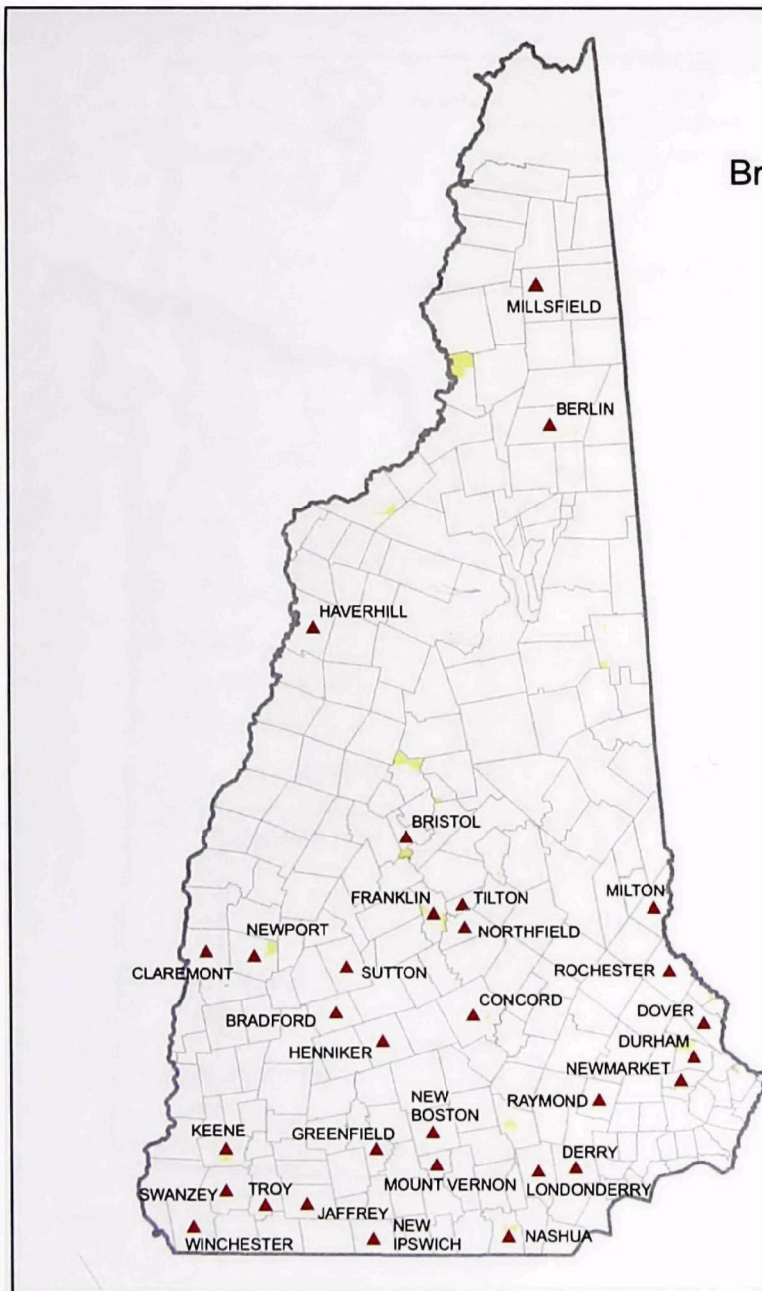
Program	Funding
Assessment Grants	\$14,520,131
Cleanup Grants	\$3,924,883
Cleanup Revolving Loan Fund	\$10,468,000
Job Training	\$1,747,035
Targeted Assessments	\$3,143,869
State Brownfields Funding	\$6,407,315
Showcase Communities	\$600,000
<b>GRAND TOTAL</b>	<b>\$40,811,233</b>



United States  
Environmental Protection  
Agency New England



## New Hampshire Communities Receiving Federal Brownfields Program Financial and Technical Assistance



### Summary of Funding

Program	Funding
Assessment Grants	\$2,429,000
Cleanup Grants	\$600,000
Cleanup Revolving Loan Fund	\$3,451,790
Job Training	\$0
Targeted Assessments	\$398,926
State Brownfields Funding	\$5,431,024
Showcase Communities	\$0
<b>GRAND TOTAL</b>	<b>\$12,310,740</b>

### Legend

▲ Municipalities Receiving Brownfields Program Assistance

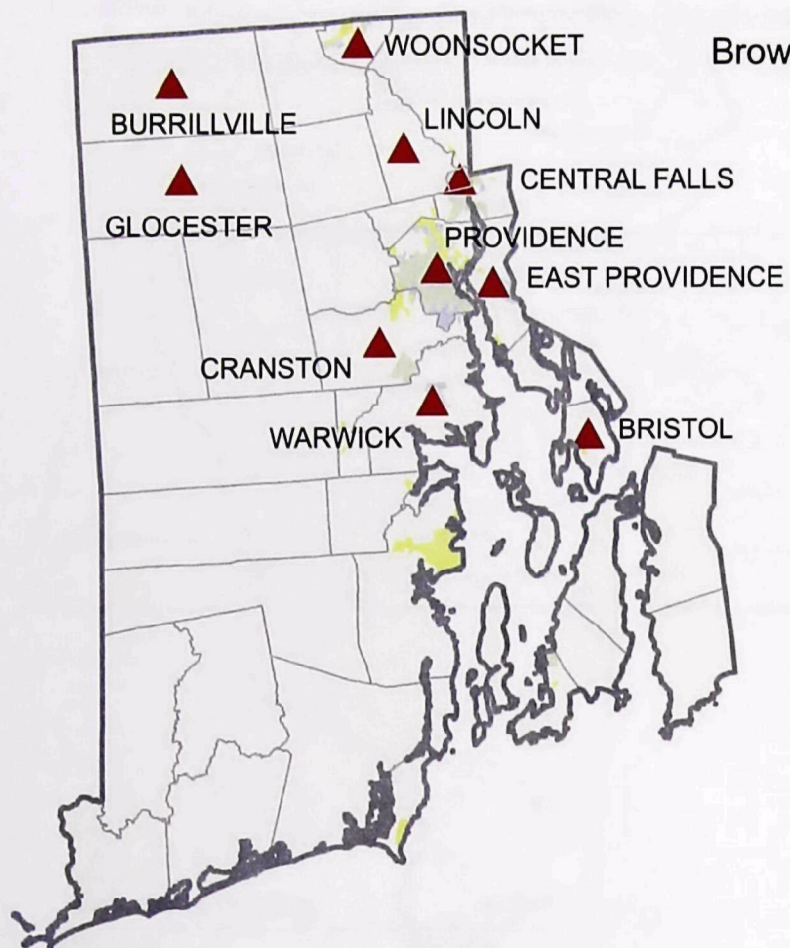
### Environmental Justice Status

Low-Income     Neither  
 Minority     Unpopulated  
 Both



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## Rhode Island Communities Receiving Federal Brownfields Program Financial and Technical Assistance



### Legend

▲ Municipalities Receiving Brownfields Program Assistance

### Environmental Justice Status

Low-Income    Neither  
 Minority    Unpopulated  
 Both

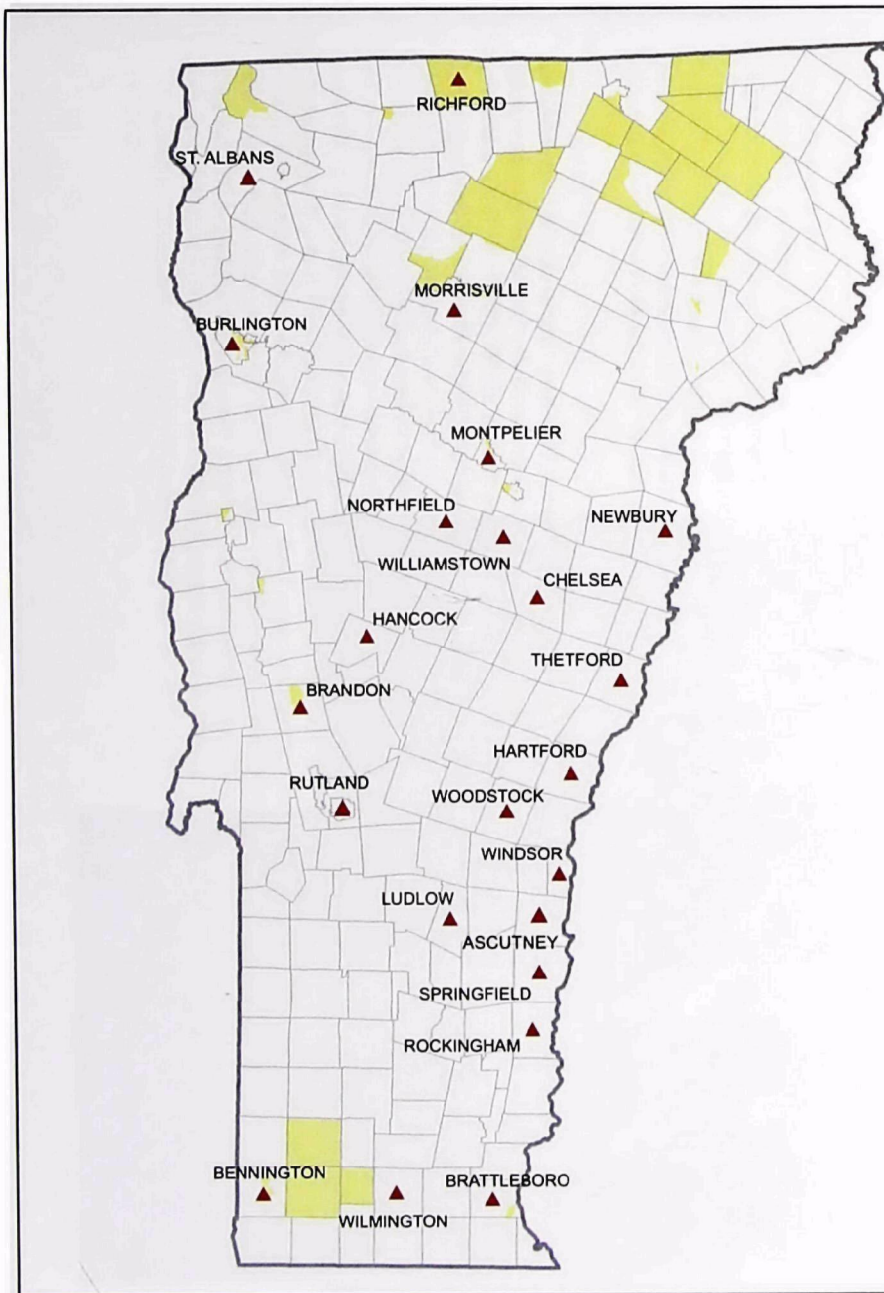
### Summary of Funding

Program	Funding
Assessment Grants	\$1,703,000
Cleanup Grants	\$800,000
Cleanup Revolving Loan Fund	\$5,300,000
Job Training	\$350,000
Targeted Assessments	\$414,217
State Brownfields Funding	\$3,747,860
Showcase Communities	\$300,000
<b>GRAND TOTAL</b>	<b>\$12,615,077</b>

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## Vermont Communities Receiving Federal Brownfields Program Financial and Technical Assistance

### Summary of Funding

Program	Funding
Assessment Grants	\$3,660,000
Cleanup Grants	\$ 0
Cleanup Revolving Loan Fund	\$1,000,000
Job Training	\$0
Targeted Assessments	\$266,621
State Brownfields Funding	\$1,484,399
Showcase Communities	\$0
<b>GRAND TOTAL</b>	<b>\$6,411,020</b>

### Legend

▲ Municipalities Receiving Brownfields Program Assistance

### Environmental Justice Status

Low-Income
  Neither  
 Minority
  Unpopulated  
 Both

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## CONNECTICUT

CONNECTICUT

### PUBLIC PARK RISES FROM THE ASHES OF FORMER ROTOPRINT FACILITY IN NORWICH

#### • Success in EPA's Targeted Brownfields Assessment Program

A contaminated former textile mill site along the Shetucket River in Norwich, Conn., was reborn during the summer of 2005 as Occum Park using investments totaling \$2.7 million from EPA, state and local sources. The City Textile Corporation, a division of RotoPrint, operated a textile finishing business on the 5-acre site between 1967 and 1986. In February 1986, a fire destroyed the mill complex and office building, leaving only the foundation and a concrete building. The site was abandoned for 13 years and, because contamination was suspected, EPA committed \$84,903 in 1999 to assess environmental conditions at the site through its Targeted Brownfields Assessment (TBA) Program. The assessment revealed contamination from polychlorinated biphenyls (PCBs), petroleum hydrocarbons, polyaromatic hydrocarbons and metals. Health risks associated with these contaminants, depending on the amount and length of exposure, range from fatigue and skin and eye irritation to damage to the central nervous and possibly cancer.



*Occum Park after redevelopment.*



*Occum Park during cleanup.*



*Occum Park after redevelopment.*

The City of Norwich took ownership of the site and granted a use variance to develop Occum Park in a former industrial zone. The Connecticut Department of Economic and Community Development provided \$1.5 million in funding for the Occum Park Neighborhood Redevelopment Project. Connecticut's Department of Environmental Protection and the City of Norwich provided additional funds needed for the project, which were administered by the Norwich Community Development Corporation.

Occum Park was designed for passive and active outdoor recreation by neighborhood and city residents. The environmental design, developed by Stephanie Fuss Associates based on EPA's TBA, included a walking path, convenient seating near the Shetucket River and other recreational amenities. GEI Consultants, Inc., provided oversight of the project. Approximately 400 tons of solid waste, including wood, metal, cloth and other waste from the fire, was removed from the property and shipped off-site for disposal by Loureiro Contractors. About 150 tons of PCB-contaminated soil were also disposed off-site. The remaining contaminated soil, over 10,000 cubic yards, was placed under a thick plastic, geomembrane cap. Two feet of clean sand and topsoil was placed over the cap. A dedication ceremony for the park was held in June 2005. Now that the park is open to the public, the City of Norwich has agreed to provide yearly monitoring to ensure the quality of the cap.



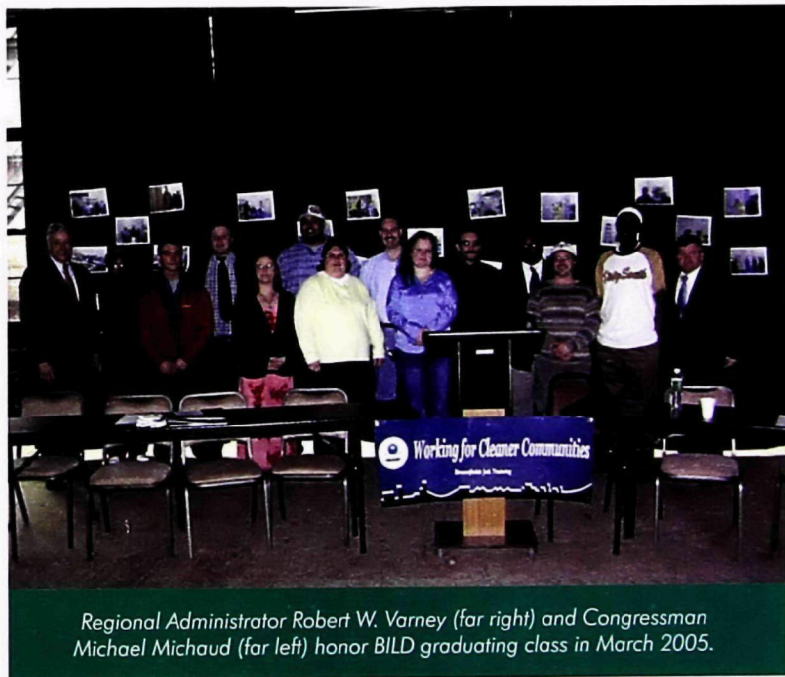
## FIRST BROWNFIELDS JOB TRAINING PROGRAM OFFERED IN NORTHERN NEW ENGLAND

### • Success in EPA's Brownfields Job Training Program

The Brownfields Initiative for Local Development (BILD) is a new, free job training program for unemployed, underemployed and dislocated workers in the Lewiston-Auburn region of Maine. Originally funded through a \$200,000 Brownfields Job Training Grant from EPA, and administered by the City of Lewiston in partnership with the Central Maine Community College (CMCC), BILD is the first Brownfields Job Training Program in northern New England. As of March 2005, two graduating classes totaling 26 individuals completed the core training. An additional \$225,000 was provided by the Central/Western Maine Workforce Investment Board, Maine's Additional Support for People in Retraining and Employment (ASPIRE), Faithworks, the Downtown Neighborhood Association and Summit Environmental Consultants, Inc., to support the program.

The BILD training program teaches environmental remediation and construction skills, providing the certifications and licenses employers want. CMCC is using \$155,755 of the grant to coordinate and provide the training curriculum to four classes over two years. BILD includes a 202-hour core training plus advanced options available in hazardous waste transport and Brownfields redevelopment. Core training modules include: Occupational Safety and Health Administration; Hazardous Wastes and Operations; Lead and Asbestos Abatement; First Aid; Introductions to Hand Tools, Power Tools, Blueprints and Construction Math; and Basic Rigging. Two different tracks are offered to complete the curriculum: a 12-month, part-time evening program and a three-month, full-time day program.

The Workforce Investment Board's local Rapid Response staff helped market BILD to workers at various employment sites who were about to be displaced. Some trainees were recruited by nonprofit organizations and educational programs including: Faithworks, ASPIRE, Maine Rural Workers Coalition, Empower Lewiston and Seeds of Change. Public service announcements in various media outlets were used to reach the community, particularly the underemployed population. CMCC and BILD staff help graduates find jobs with employers identified through the Crafters Olympics and contractor lists maintained by Community Concepts, Inc., the Maine Department of Environmental Protection and the City of Lewiston's Procurement Office. Of the 26 BILD graduates, five completed the advanced track in hazardous waste transport and several are employed in the environmental field.



Regional Administrator Robert W. Varney (far right) and Congressman Michael Michaud (far left) honor BILD graduating class in March 2005.



## MASSACHUSETTS

### COMMUNITY ACTION AGENCY OF SOMERVILLE'S HEAD START PROGRAM OPENS NEW CENTER

#### • Success in EPA's Brownfields Assessment and Cleanup Grant Programs

March 2005 marked a new beginning for the Community Action Agency of Somerville's (CAAS) Head Start program. After looking for a home that would bring together its children's educational programs, which were historically scattered throughout Somerville, Mass., its quest for a central location has finally come to fruition.

Creativity and perseverance paid off when CAAS spotted three vacant lots on Allen Street, a cluster of Brownfields located in the densest neighborhood of Somerville. Using a portion of an EPA Brownfields Assessment Grant for \$350,000 that was awarded to the city in 1996, CAAS and the city worked together to assess all three sites for contamination. This work revealed that the soil and water was contaminated with the following: polychlorinated biphenyls, volatile organic compounds, polycyclic aromatic hydrocarbons, antimony, arsenic, lead and nickel. Although some of these substances occur naturally in the environment, higher than average exposure can cause health problems ranging from rashes, eye irritation and stomach pain to cancer and serious damage to major organs, the central nervous system and reproductive system.

Once the assessment work was complete, CAAS purchased two of the three properties (the City of Somerville owned the third). CAAS and the City of Somerville entered into a land swap so that CAAS would have two adjacent properties for the construction of the Head Start facility. Funding for cleanup and construction of the Head Start facility came from multiple donors, including: the U.S. Department of Housing and Urban Development's Block Grant Program; the U.S. Department of Health and Human Services' Administration for Children; the Boston Community Capital Fund, two anonymous private foundations; and the CAAS's capital campaign.

Before building the new site, the Head Start classes were held at various locations throughout the city. Operating under one roof saves the program money, allowing it to spend more on its unique early childhood education programs for children of low-income families. CAAS determined that it will save money on administration and transportation costs as well. On Mar. 18, 2005, the facility opened eight classrooms that serve a total of 126 children.

A year-long community visioning effort was undertaken to determine the end-use of the adjoining city-owned lot: a community garden and passive park. Cleanup of the community garden and passive park area will be supported by a \$200,000 EPA Brownfields Cleanup Grant.

By cleaning up these blighted properties and opening this educational facility, the city of Somerville and CAAS has restored pride in the neighborhood, improved the tax base for the city and provided a valuable resource for the children of low income families—a great example of a Brownfield success story.



Site before cleanup.



During remediation.



Completed facility.



## NEW HAMPSHIRE

**HISTORIC MILL SITE IN HENNIKER TO PROVIDE RECREATIONAL OPPORTUNITIES FOR TOWN RESIDENTS****• Success in EPA's Brownfields Assessment and Cleanup Grant Programs**

A historic formerly contaminated grist and paper mill site along the Contoocook River in Henniker, N.H., will soon provide recreational and educational opportunities for town residents following a successful cleanup effort funded by EPA, the state of New Hampshire and the Town of Henniker. The Former Contoocook Valley Paper Company site had a long history of industrial use. Originally

operated as a grist mill in the 1750s, the historic site was occupied by the Contoocook Valley Paper Company for 124 years between 1863 and 1987. After the close of the paper mill, the site remained in contaminated ruin with solid waste, machinery, containers of chemicals and buried paper sludge. A portion of the Contoocook River had also been contaminated by the disposal of paper sludge.



Former mill sluiceway.

The site was initially investigated by the New Hampshire Department of Environmental Services (DES) in 1990. This resulted in the \$400,000 emergency removal of above-ground petroleum storage tanks from the site between 1992 and 1993 by the EPA. In 2000 and 2002, DES and the Town of Henniker assessed and cleaned up the site with

\$87,000 from an EPA Multi-site Cooperative Agreement. The assessment confirmed the presence of about 2,000 cubic yards of buried paper sludge that was contaminated with cadmium, chromium, barium and lead. Skin contact with chromium can cause skin ulcers, while skin contact with lead can cause damage to the central nervous system, especially among children. Cadmium and barium are harmful to major organs if ingested in large quantities. Approximately 1,500 tons of solid waste and paper sludge were removed in the summer and fall 2003. A final cover of wildflower mix was seeded during the spring of 2004.

The mill site and surrounding area are eligible for listing as a National Historic District on the National Registry of Historic Places. The site's eligibility for this designation recognizes its historical significance. The Town of Henniker wants to maintain the mill's remaining dry, coarse laid granite foundation walls and sluiceway, circa 1750s. The town is considering using the foundation and sluiceway in combination with walking trails and interpretive displays focused on the Historic West Henniker Village District. Since this portion of the Contoocook River is very popular with white water enthusiasts and fishers, cleaning up the site will help ensure this use remains. The revitalization of the historic mill site is a great example of multiple agencies pooling multiple resources for the public good.



Contoocook River flows past site.



## RHODE ISLAND

### BROWNFIELDS IN PROVIDENCE GET NEW LOOKS AS A MIXED-USE DEVELOPMENT AND AFFORDABLE HOUSING

- **Success in EPA's Brownfields Assessment Grant Program**



*Rehabilitated building in Narragansett Landing.*

In May 2000, the City of Providence, R.I., was awarded a \$250,000 EPA Brownfields Assessment Grant to target two economically distressed areas of the city: Narragansett Landing and Olneyville. The environmental assessment of Brownfields in these areas is paving the way for a new mixed-use neighborhood and urgently needed affordable housing. EPA's grant is helping the City of Providence and local developers leverage an estimated \$104,200,000 of private and public funds for redevelopment projects.

Narragansett Landing is a 280-acre industrial site along Providence River used for bulk fuel storage, shipbuilding and sewage treatment. City officials, recognizing that these uses were outmoded, developed a plan in 2000 to transform the area into a mixed-use neighborhood with housing, office buildings, waterfront parks, artist lofts, an extended-stay hotel, marina, parking garage and restaurant. The ambitious plan acknowledged that

there is a considerable amount of contaminated land, resulting from over a century of industrial uses, that has to be assessed and cleaned up. With \$170,000 of the EPA Brownfields Assessment Grant, the city contracted GZA GeoEnvironmental, Inc. (GZA), in 2002 to conduct environmental sampling and found that at least 20 percent of the parcels in the area are contaminated with hazardous materials or petroleum. Completing this assessment has given city and prospective developers the information they need to move forward with redevelopment.

Upstream from Narragansett Landing along the Woonasquatucket River is Olneyville, another distressed neighborhood in Providence that also has a long history of industrial use. The neighborhood suffers from a housing crunch because home prices have skyrocketed in the past several years. Using the remaining \$80,000 of the EPA Brownfields Assessment Grant, the city contracted GZA to investigate three city-owned parcels which have been designated for housing. The 2004 assessment uncovered a 10,000-gallon underground storage tank and revealed contamination from metals, polycyclic aromatic hydrocarbons and total petroleum. Depending on the amount and length of exposure, health problems associated with these contaminants range from fatigue and skin and eye irritation to damage to the central nervous and possibly cancer. The Providence Planning Department and GZA worked closely with the housing developer, Olneyville Housing Corporation (OHC), to develop a remedial work plan to eliminate environmental risks to future inhabitants.

Groundbreaking is planned for late summer 2005 and the development is expected to be completed in Fall 2006. Once completed, 20 units of affordable housing will feature panoramic views of the river and the new Riverside Park that is being created at the adjacent Riverside Mills. The park is one of several connected by the Woonasquatucket River Greenway, which was redeveloped through Providence's designation as a Brownfields Showcase Community in 1998.



*View towards the Providence River from development parcel in Narragansett Landing.*



*Future housing site in Olneyville.*



## AFFORDABLE, ENVIRONMENTALLY-FRIENDLY WATERFRONT HOMES AVAILABLE ON FORMER SCRAP YARD IN BURLINGTON

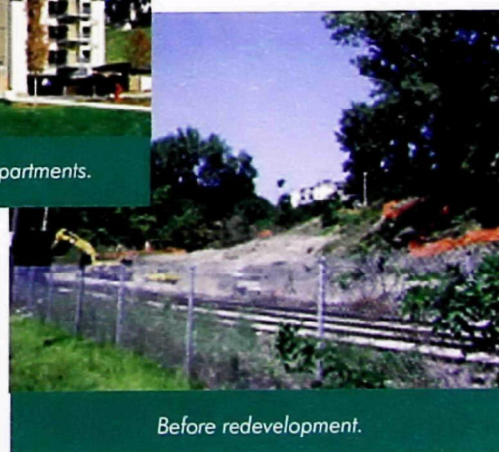
### • Success in EPA's Brownfields Assessment Grant Program

New environmentally-friendly homes along the shore of Lake Champlain in Burlington, Vt., are now open to families and individuals from diverse backgrounds and income levels. Thanks to a Brownfields Assessment Grant from EPA and funding from the U.S. Department of Housing and Urban Development (HUD) and the City of Burlington, affordable housing on the waterfront is finally available. A total of 40 families, including many that have been priced out of the housing market, will be able to live along the beautiful shores of Lake Champlain.

The property was previously used as a scrap yard and rail siding for pressurized gas storage. Aerial photos also revealed 55-gallon drums that most likely contained used oil. Since 1996, the EPA has given the City of Burlington \$500,000 in Brownfields Assessment Grants for assessments around the city. Plans to develop waterfront housing along this site began in the mid-1980s. The City of Burlington solicited proposals from private developers twice—but there was a lack of interest due to the environmental risks. In 1999, the city conducted further environmental investigations at the site and spent \$110,000 to purchase two-tenths of an acre to expand the site. That same year, the Burlington Community Land Trust/Housing Vermont (BCLT/HV) team and a private developer proposed a plan to develop affordable, environmentally-friendly housing on the site.

HUD provided an \$800,000 Special Purpose Grant and the equivalent of the city's entire annual allocation of federal HOME funds to support the project. In addition, the development received one of the largest City Housing Trust Fund Grants to date, and the annual ground lease payments are below market rates.

BCLT/HV built energy-efficient homes that are affordable for people with a range of incomes. The development also solved a long-standing storm water runoff problem with environmentally-sound treatment and has maximized green space by including a parking garage rather than a large asphalt parking lot. The ribbon cutting ceremony was held on Oct. 13, 2004. The development is the first multi-unit residential building in Vermont to earn the Leadership in Energy and Environmental Design certification.



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