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Solid Waste
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www.epa.gov/brownfields/



Brownfields Job Training and Development Demonstration Pilot

Carnegie Mellon University, Pittsburgh, PA

Outreach and Special Projects Staff (5105)

Quick Reference Fact Sheet

EPA's Brownfields Economic Redevelopment Initiative is designed to empower states, communities, and other stakeholders in economic redevelopment to work together in a timely manner to prevent, assess, safely clean up, and sustainably reuse brownfields. A brownfield is a site, or portion thereof, that has actual or perceived contamination and an active potential for redevelopment or reuse. EPA is funding: assessment demonstration pilot programs (each funded up to \$200,000 over two years), to assess brownfields sites and to test cleanup and redevelopment models; job training pilot programs (each funded up to \$200,000 over two years), to provide training for residents of communities affected by brownfields to facilitate cleanup of brownfields sites and prepare trainees for future employment in the environmental field; and, cleanup revolving loan fund programs (each funded up to \$500,000 over five years) to capitalize loan funds to make loans for the environmental cleanup of brownfields. These pilot programs are intended to provide EPA, states, tribes, municipalities, and communities with useful information and strategies as they continue to seek new methods to promote a unified approach to site assessment, environmental cleanup, and redevelopment.

BACKGROUND

EPA has selected Carnegie Mellon University for a Brownfields Job Training and Development Demonstration Pilot. Carnegie Mellon University's assessment pilot partners are the City of Pittsburgh and Central City Borough. The City of Pittsburgh also is the recipient of a Brownfields Cleanup Revolving Loan Fund Pilot. The Job Training Pilot will focus on distressed neighborhoods in the Pittsburgh/Allegheny County Enterprise Community and from the former coal-mining Central City Borough area. City of Pittsburgh neighborhoods in the Enterprise Community suffer from poverty rates as high as 41 percent and family incomes range from 18-42 percent below county-wide averages. In Central City Borough, 72 percent of families with children live below the poverty level.

The Enterprise Community in the City of Pittsburgh contains over 1,500 acres of brownfields. Many of these sites have been cleared of buildings, but remediation was never completed. Central City Borough has a nine-mile long linear brownfield pocked with dozens of acres of abandoned plants and acid mine drainage sites. Acid mine drainage pollution impacts hundreds of miles of streams in the area. The abundance of dredged river sediment managed by the U.S. Army Corps of Engineers has innovative reuse

PILOT SNAPSHOT



*Pittsburgh,
Pennsylvania*

Date of Announcement:
May 2000

Amount: \$100,000

Profile: The Pilot will train 50 participants in addressing the complexities of brownfields and acid mine drainage pollution, including innovative uses of dredged river materials. Students will be recruited from low-income residents of the City of Pittsburgh Enterprise Community and Central City Borough, which have been economically depressed by declines in mining and manufacturing activities.

Contacts:

Carnegie Mellon University
(412) 268-7121

Regional Brownfields Team
U.S. EPA - Region 3
(215) 814-3129

Visit the EPA Region 3 Brownfields web site at:
<http://www.epa.gov/reg3hwmdb/brownfld/hmpage1.htm>

For further information, including specific Pilot contacts, additional Pilot information, brownfields news and events, and publications and links, visit the EPA Brownfields web site at:
<http://www.epa.gov/brownfields/>

potential in the reclamation of these brownfields. However, a trained workforce is needed to take these innovative applications to full-scale implementation. A survey performed by the Southwestern Pennsylvania Industrial Resource Center indicates that local environmental companies will hire approximately 1,200 technicians in the next five years and 2,300 technicians in the next 10 years.

TRAINING OBJECTIVES

Carnegie Mellon University plans to train 50 participants, achieve a 60 percent placement rate, and support career placement of graduates for one year after the training is completed. Participants will be recruited from among the low-income residents of distressed communities in the City of Pittsburgh Enterprise Zone and Central City Borough. The Pilot training program will include courses in the areas of environmental impacts of brownfields and abandoned mine lands, 40-hour HAZWOPER, manufactured soils and structural blocks from river dredge material, constructed wetlands for acid mine drainage treatment, inventory and assessment of acid mine drainage brownfields, and alternative enhancement and vegetation approaches for affected soils.

Carnegie Mellon University's training efforts will be supported by organizations such as the University of Pittsburgh, U.S. Army Corps of Engineers, AMD & Art, the Pennsylvania State Cooperative Extension Service, and the County Conservation Districts. The training program will include hands-on field demonstrations of innovative assessment and cleanup technologies.

ACTIVITIES

Activities planned as part of this Pilot include:

- Conducting outreach to recruit low-income residents of distressed communities in the City of Pittsburgh Enterprise Community and in Central City Borough;
- Conducting brownfields technician training, including courses in the use of innovative assessment and cleanup technologies; and
- Supporting career placement of students for one year after the job training is completed.

The cooperative agreement for this Pilot has not yet been negotiated; therefore, activities described in this fact sheet are subject to change.