

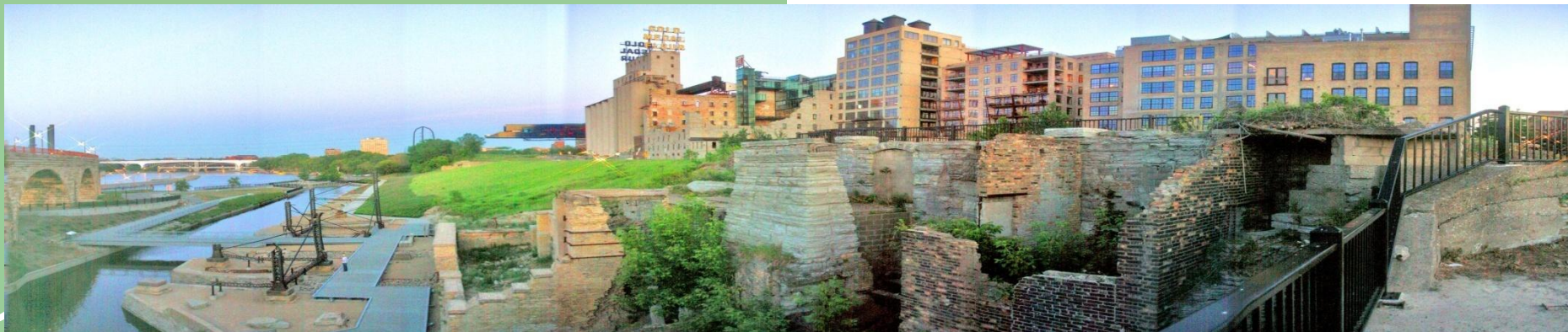


U.S. EPA Brownfields Grant Program, Region 5

October 2011

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USEPA Brownfields Project Officer



Goals:

- Describe Brownfield Program in General
- Existing and potential future resources



"The Chicago Center for Green Technology demonstrates environmentally sound design, uses clean, renewable energy, and is the home of both a green technology company and a community landscaping program," said Mayor Daley.



City Hall and riverfront in Manitowoc, Wisconsin

Introduction

The Brownfields legislation - P.L. 107.118. Small Business Liability Relief and Brownfields Revitalization Act was signed into law on January 11, 2002.

- **As of March 2011, R5 communities have received 734 grants totaling over \$352 Million.**
- **Over 7642 Acres have been made ready for reuse and 12,113 redevelopment cleanup/construction jobs leveraged**
- **Today there is over \$2.6 Billion in redevelopment activity.**



Federal Brownfields Definition

The Brownfields Legislation defines a “*Brownfield Site*” to mean:

“real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant*.”

*The law further defines the term “brownfield site” to include a site that is contaminated by a controlled Substances (e.g., meth labs), petroleum or a petroleum product (e.g. abandoned gas station), or is mine-scarred lands.



Abandoned Industrial Buildings in Paw Paw, Michigan

Hazardous Substances and Petroleum

The total funding available under the national competition for assessment, cleanup, and RLF grants this year was **\$76.14 million nationally**.

EPA must expend 25 percent of the amount appropriated for brownfields grants on sites contaminated with petroleum.

This last round EPA awarded 170 grants among all three grant types. **Region 5 received 47 grants of all three grant types totaling \$17.3 Million.**

Eligibility Entity

- All applicants must describe how they are an eligible entity in order to receive a grant.
- Eligible entities are:
 - General Purpose Unit of Local Government (as defined under 40 CFR Part 31)
 - States and Tribes
 - Quasi-government entities (e.g., regional councils, redevelopment authorities, economic development agencies, etc.)
 - **501(c)(3) Non-profits (Cleanup and JT Grants Only)**
 - Colleges (Job Training Only)

Eligible Site (Site-Specific Assessment and Cleanup Applicants Only)

- The Brownfields Law prohibits EPA from providing grant funds to an entity that is considered potentially liable under CERCLA Section 107.
- CERCLA contains very broad liability provisions.
- Liability (site eligibility) for site owners is highly dependent on *HOW* and *WHEN* the site was acquired.

Eligibility....

Properties not eligible for brownfields funds:

- a property that is proposed for, or on, the Superfund National Priorities List
- a site that is subject to a Superfund enforcement action
- federally held lands, except tribal lands

Subtitle A. Brownfields Revitalization Funding



Former Gas Station in Decatur, MI where assessment funds were used to pull tanks and now a microbrewery opened creating 3 new jobs

Authorizes grants of up to \$200K for conducting site assessments. May request both hazardous substances and/or petroleum grants up to \$200K each.

Authorizes grants of up to \$200K per site for eligible entities, including not-for-profits, to *clean up* brownfields.

Authorizes grants of up to \$200K for *job training* to eligible entities.

Authorizes grants for up to \$1M for *revolving loan fund* (RLF) program.



Abandoned industrial buildings in Paw Paw, Michigan which have been impacted by hazardous substances

Assessment Grants...

Two types of Site Assessment Grants:

- Community Wide
- Property Specific

Applicant must request Petroleum Grant Funds and/or Hazardous-Waste Grant Funds.

What are Assessment Grants

Assessment grants provide funding for a grant recipient to:

- Inventory and Prioritize Sites: Compile a listing
- Characterize Sites: Identify past uses
- Assess Sites: Determine existing contamination
- Conduct Cleanup and Redevelopment Planning
- Conduct Community Involvement: Inform and engage community
- Pay State Voluntary Cleanup Program Fees

Site Assessment Grants

- ✓ Up to \$200,000 to assess a site contaminated by hazardous substances, pollutants, or contaminants (including hazardous substances co-mingled with petroleum).
- ✓ Up to \$200,000 to address a site contaminated by petroleum.
- ✓ For site-specific proposals, applicants may seek a waiver of the \$200,000 limit and request up to \$350,000 for a site contaminated by hazardous substances, pollutants, or contaminants and up to \$350,000 to assess a site contaminated by petroleum. Such waivers must be based on the anticipated amount of hazardous substances, hazardous substances comingled with petroleum) or petroleum at a single site. (Community-wide assessment grants are not eligible for assessment grant “waivers.”) Total grant fund requests should not exceed a total of \$400,000 unless such a waiver is requested.
- ✓ Up to \$1 Million for assessment coalitions. A coalition is made up of 3 or more eligible applicants that submits one grant proposal under the name of one of the coalition members who will be the grant recipient.

Cleanup Grants



Former Midway Oil Company in Rock Island, IL cleaned up with Brownfields Grant

Up to \$200K per property to fund the cleanup at no more than 3 sites.

Removal of contaminated soils (dig and haul)

Engineering barrier over contaminated soils

Treatment of soil and/or groundwater

Environmental Insurance

Asbestos and Lead Based Paint may also be eligible

Applicant must request Petroleum Grant Funds and/or Hazardous Waste Grant Funds.

Cleanup Grants-cont.

Applicant must own the property
and not be responsible for
the contamination

20% match required

Consumers Energy HQ
Jackson, MI



Brownfields Revolving Loan Fund Grants

Up to \$1M Grant per eligible entity – EPA will accept proposals from “coalitions”, or groups of eligible entities, with one primary applicant administering the grant. Coalitions may apply for \$1M per entity—20% match for entire amount.

Capitalize a Revolving Loan Fund (RLF) that will provide low interest loans to eligible entities for cleanup—loan terms up to grant recipient.

- Provide Grants (up to 40% of award) to eligible entities for cleanup

(This is a somewhat complex program requiring significant investment of time in early stages)

Brownfields Revolving Loan Fund Grants-cont.

Eligible Entities to receive a loan/grant under the RLF:

- Local Governments
- Private Developers/Property Owners
- Tribes
- States
- Redevelopment Agencies chartered by a State

St Anthony Falls, Minneapolis, MN



Loans/grants cannot be provided to party that caused contamination

Brownfields Revolving Loan Fund Grants-cont

Eligible Cleanup Activities:

- Removal of contaminated soils (dig and haul)
- Engineering barrier over contaminated soils
- Treatment of soil and/or groundwater
- Environmental Insurance
- All other costs necessary to cleanup property
- Today in R5—over 40% of all loans in US

Targeted Brownfields Assessment (TBA)

- EPA or States may perform Targeted Brownfields Assessments for communities that do not have an assessment grant.
- TBAs can only be done on Brownfields Eligible Properties.
- Designed to address initial stages of assessment and cleanup.
- EPA/State completes Phase I and Phase II assessment consistent with ASTM standard.
- Identifies Recognized Environmental Conditions and can provide estimate for cleanup.
- Community requests the TBA from EPA or State.
- More information on TBAs can be found at:
<http://www.epa.gov/R5Brownfields/>

Environmental Workforce Development and Job Training Grants



site.

- **Since 1998**, EPA has funded EWDJT grants totaling over \$35 million.
- **As of May 2011**, more than 6,683 individuals have completed training and more than 4,400 have obtained employment in the environmental field, with an average starting hourly wage of \$14.65.

Recipients of Brownfields Job Training Grants

Through its EWDJT Program, EPA awards competitive grants to develop environmental cleanup and health and safety training programs for unemployed and underemployed, predominately low-income and minority residents of brownfields-impacted communities.

These programs provide trainees with the skills needed to obtain jobs created by the assessment, cleanup, and redevelopment of brownfields in their communities.

Sample Core Curriculum

- Occupational Safety And Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER)
- Asbestos and Lead Paint Abatement
- Environmental Site Technician
- Soil And Groundwater Sampling
- Confined Space Entry
- Demolition/Debris Removal
- Environmental Health and Safety

❖ Please note that HAZWOPER training is a **REQUIRED** component of a Brownfields Job Training curriculum for grantees.

Other Specialized Training

- Mold Remediation
- Hazardous Substance Transportation
- Disaster Site Worker
- Vapor Intrusion
- Construction

Other Specialized Training

- Weatherization and Retrofitting
- Green Building Design
- Phytoremediation
- Installation of Technologies that use Alternative Energy (solar, wind, or geothermal)
- Ecological Restoration, Landscaping, and Indigenous Species Revegetation
- Debris Recycling
- Wastewater Treatment Facility Operator Training

Environmental Job Examples

- Environmental Technician
- Air Quality Technician
- Emergency Response Technician
- Energy Conservation Specialist
- GIS Technician
- Treatment, Storage, & Disposal Facility Technician
- Health & Safety Technician/Trainer
- Biotechnology Technician/Analyst
- Sampling/Calibration/Analysis Technician
- Wastewater Treatment Plant Operator
- Hazardous Materials Transporter
- Forklift Operator
- Construction/plumber/electrician

Job Training Grants Info

- **FY10 Job Training Application Guidelines –**

<http://www.epa.gov/oswer/grants-funding.htm#EPA-OSWER-ORCR-09-07>

- **FY10 Job Training Grant Frequently Asked Questions (FAQs) –**

http://www.epa.gov/brownfields/proposal_guides/fy10jtfaqs.pdf

- **Headquarters Information on-line –**

www.epa.gov/brownfields/job.htm

- **Job Training Report: “Improving Land and Lives: 10 Years of Investment in EPA’s Job Training Program” –**

<http://www.epa.gov/brownfields/pdf/jtreport0408.pdf>

- **List of previous Brownfields Job Training Grant Recipients**

– www.epa.gov/brownfields/pilot.htm#previous

- **List of existing and past EPA funded Brownfields Grant**

Recipients in your area – www.epa.gov/brownfields/plocat.htm

Region 5 Job Training Contact

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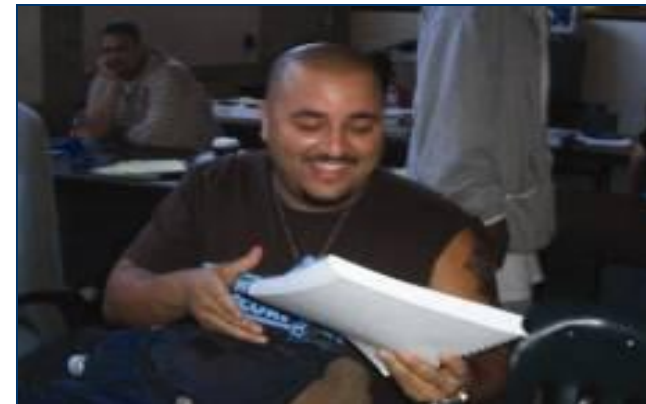
morgan.linda@epa.gov



Participants from the Oregon Tradeswomen, Inc. Brownfields Job Training Program.



Students Graduating from Tucson, Arizona's Job Training Program.



Job Training students in Los Angeles, California.

Brownfields Sustainability Pilots

- EPA awarded 16 communities \$20K -\$50K
- Demonstrate best practices
- Practices
 - Reuse and Recycling of construction materials
 - Storm-water management
 - Green buildings/energy efficient
 - Renewable energy development
 - Green Jobs

Tentative Grant Application Schedule for FY2012

- **September 2011, Request for Proposals. The Grant guidelines will be found at www.epa.gov/brownfields/**
- **November 28, 2011 – Assessment, Cleanup, and Revolving Loan Fund proposals submitted**
- **Early Spring 2012 – Award Announcements**
- **Funds to be available October 1, 2012**

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