

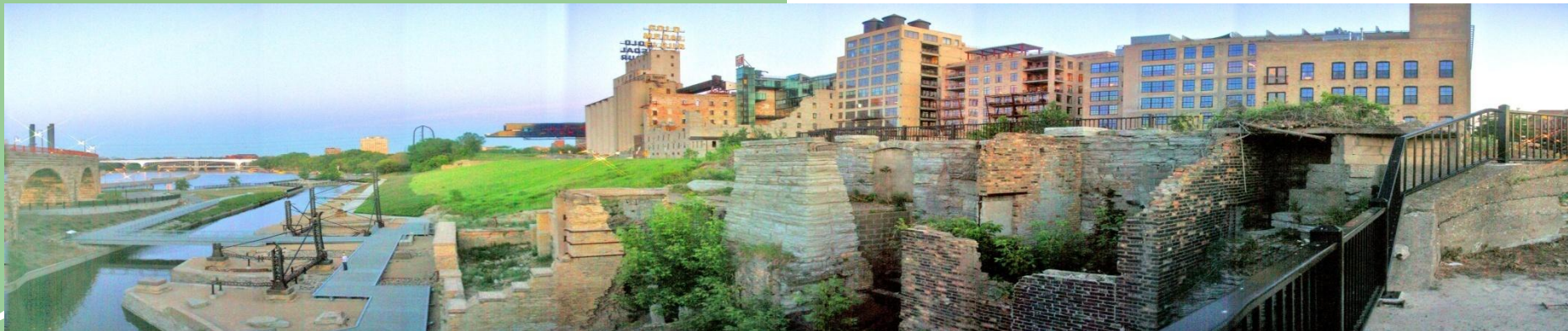


# U.S. EPA Brownfields Grant Program, Region 5

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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.

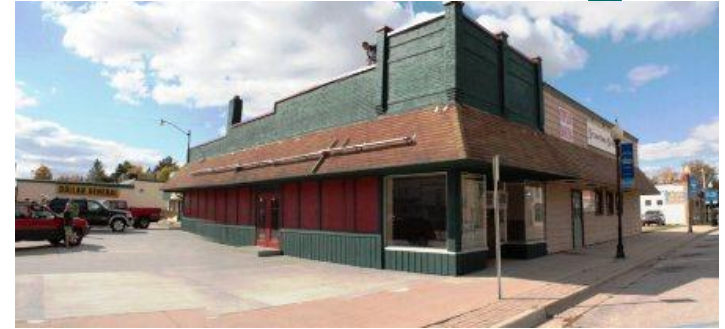
# Eligibility....

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 entitles.

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 (**only eligible to receive loans**)
- 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

## **Other Specialized Training**

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

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

# 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](http://www.epa.gov/brownfields/proposal_guides/fy10jtfaqs.pdf)

- **Headquarters Information on-line –**

[www.epa.gov/brownfields/job.htm](http://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](http://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](http://www.epa.gov/brownfields/plocat.htm)

Region 5 Job Training Contact

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*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

- August 2011, Request for Proposals. The Grant guidelines will be found at [www.epa.gov/brownfields/](http://www.epa.gov/brownfields/)
- October 2011 – Assessment, Cleanup, and Revolving Loan Fund proposals submitted
- Early Spring 2010 – Award Announcements
- Funds to be available October 1, 2012

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