



**EPA Brownfield Program**

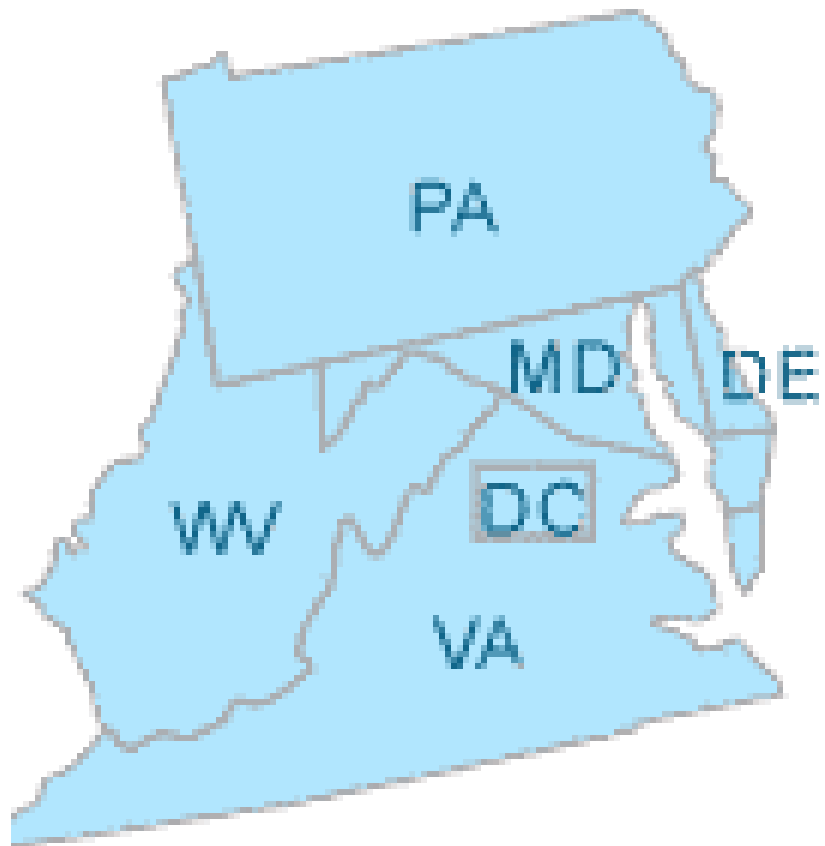
**Metropolitan Washington  
Council of Governments**

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Liaison**



# EPA Region III Territory

**Before**



**After**  
(Rendering)



National Aquarium's Center for  
Aquatic Life and Conservation (CALC)  
Baltimore, MD



**Before**



**After**



**Canton Crossing  
Baltimore, MD**



# DC former Brownfield now a Soccer Stadium





# Before



Former heavy industrial use,  
now National's Stadium  
Washington D.C.

# After







Stone Brewery



Stone Brewery



Former Gasworks, Concrete Mixing Plant now Stone Brewery  
Richmond, VA





**After**

Virginia Scrap Iron and Metal  
Now Virginia Tech Carilion School  
of  
Medicine and Research Institute  
Roanoke, VA  
**Before**



# What is a Brownfield?

- ▶ 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.



# EPA Brownfields Funding Types

## Types of Grant Funding

- ▶ Assessment
- ▶ Revolving Loan Fund
- ▶ Cleanup
- ▶ Multi-purpose
- ▶ Environmental Workforce Development and Job Training Grants
- ▶ Targeted Brownfield Assessments



# Assessment Grant Competition

- ▶ Provide funding to **plan, inventory, and assess brownfields** contaminated with hazardous substances, pollutants, contaminants and petroleum products, conduct community involvement, and cleanup/redevelopment planning.
- ▶ Who is eligible?
  - State, local, and tribal governments
  - General purpose units of local governments
  - Regional councils or redevelopment agencies
  - Non-Profits



# Assessment Grant Competition

- ▶ Community Wide Assessments
  - ▶ \$300,000 maximum total grant for Hazardous/Petroleum funding
- ▶ Site-Specific Assessments
  - ▶ \$200,000 total funding maximum for Hazardous/Petroleum funding per site
  - ▶ Waiver up to \$350,000
    - ▶ Contamination
    - ▶ Size
    - ▶ Ownership status



# Assessment Grant Competition

- ▶ Coalition Assessment
  - ▶ \$600,000 total funding for Hazardous/Petroleum funding per site
  - ▶ Partner with communities that have limited capacity to manage their own brownfields cooperative agreement

# Assessment Grant Competition

- ▶ Planning Activities
  - ▶ Site Reuse Assessment
  - ▶ Market Evaluation
  - ▶ Market Analysis
  - ▶ Infrastructure Evaluation
  - ▶ Land Use Assessment
  - ▶ Site Design/Reuse Vision
  - ▶ Redevelopment Planning
  - ▶ Expression of Interest Process
  - ▶ Development of an Area-Wide Plan



# Cleanup Grant Competition

- ▶ Provide funding for **remediation** of brownfields contaminated with hazardous substances, pollutants, contaminants and petroleum products.
- ▶ Who is eligible?  
**Applicants must own the property at time of proposal submission**
  - State, local, and tribal governments
  - General purpose units of local governments
  - Regional councils or redevelopment agencies
  - Non-profit organizations

# Cleanup Grant Competition



\$500,000 maximum per grant proposal



One proposal per applicant



One site or multiple sites allowed per proposal



Request only the funds required to remediate



Floodplain projects should describe projected and appropriate reuse as well as partner involvement



Cost share waiver

Non-Profits

Tribes

Local governments < 50k population



# Revolving Loan Fund (RLF) Grants

- ▶ Provide funding to capitalize a revolving loan fund that provides loans and subgrants to carry out **cleanup of brownfield sites** contaminated with hazardous substances, pollutants, contaminants and petroleum products.
- ▶ Who is eligible?
  - State, local, and tribal governments
  - General purpose units of local governments
  - Regional councils or redevelopment agencies
- ▶ Funding:
  - Up to \$800,000
  - Requires a **20% cost share**
  - Award **~10 RLFs** biennially
  - Provide supplemental funding annually to existing high performing RLFs

# RLF Grant Competition



RLF Applicants may not request a waiver of the 20% cost share requirement.



Subgrants will be limited to \$350,000 (previously \$200,000)



50% or more for loans, remainder for eligible costs and subgrants



## Distribution

Project Description/Revitalization Plan 25%  
Community Need/Engagement 20%  
Tasks, Costs, Measuring Success 40%  
Programmatic Capability 15%



# Environmental Workforce Development and Job Training (EWDJT) Program

**FY20 JT- Received 8 proposals, 3 were awarded out of 26 nationally.**

**JT FY 21 RFP will be released early June**

Up to \$200,000 for nonprofit and other organizations to recruit, train, and place predominantly low-income and minority, un-employed and under-employed people living in areas affected by solid/hazardous waste.

Residents learn the skills needed to secure full-time, sustainable employment in environmental fields such as:

- hazardous and solid waste management
- assessment and cleanup activities
- lead paint, asbestos and mold remediation
- energy audits and renewable energy
  - emergency response
- integrated pest management
- storm water management



# What Are TBAs

## Targeted Brownfield Assessments

- TBAs performed by USEPA Region 3 at the request of an eligible entity to assess a single site that may be contaminated.
- TBAs subject to a Regional review process which includes a brief application
- Submission of letter requesting assistance through a TBA answering Region 3 criteria
- Signed access form by EPA and the TBA recipient/owner
- TBAs are NOT subject to a National competition but rather evaluated by Region 3 personnel
- Not a grant
- No monetary cap
- No proposal submittal needed



The North 16<sup>th</sup> Street site in Philadelphia, PA under construction for Habitat for Humanity



Hinton Ice House in Hinton, WV which will be part of the Rail Yard District




Drums found at Former Mingo Lime and Lumber site in Williamson, WV



## ▶ Mine-Scarred Lands

- ▶ Mine-scarred lands are eligible for brownfields grants funding. EPA's view is that "mine-scarred lands" are those lands, associated waters, and surrounding watersheds where extraction, beneficiation, or processing of ores and minerals (including coal) has occurred.
- ▶ Mine-scarred lands include abandoned coal mines and lands scarred by strip mining.
- ▶ Examples of coal mine-scarred lands may include, but are not limited to:
  - ▶ • abandoned surface coal mine areas;
  - ▶ • abandoned deep coal mines;
  - ▶ • abandoned coal processing areas;
  - ▶ • abandoned coal refuse areas;
  - ▶ • acid or alkaline mine drainage; and
  - ▶ • associated waters affected by abandoned coal mine (or acid mine) drainage or runoff, including stream beds and adjacent watersheds.

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- ▶ Examples of non-coal hard rock mine-scarred lands may include, but are not limited to:
    - ▶ • abandoned surface and deep mines;
    - ▶ • abandoned waste rock or spent ore piles;
    - ▶ • abandoned roads constructed wholly or partially of waste rock or spent ore;
    - ▶ • abandoned tailings, disposal ponds, or piles;
    - ▶ • abandoned ore concentration mills;
    - ▶ • abandoned smelters;
    - ▶ • abandoned cyanide heap leach piles;
    - ▶ • abandoned dams constructed wholly or partially of waste rock, tailings, or spent ore;
    - ▶ • abandoned dumps or dump areas used for the disposal of waste rock or spent ore;
    - ▶ • acid or alkaline rock drainage; and
    - ▶ • waters affected by abandoned metal mine drainage or runoff, including stream beds and adjacent watersheds.

# VIRGINIA

## Brownfields Information

### At-A-Glance



Since 1997 the total dollars awarded in VA: \$ 29,068,096

Brownfields Grant Types	Number of Grants	Total Funds
Assessment	50	\$15,900,000
Area Wide Planning	2	\$375,000
Cleanup	5	\$1,058,000
Job Training	3	\$673,263
Revolving Loan Funding	2	\$1,350,000

#### Results of Funding

Total number of communities funded:	20
Total number of community grants awarded:	62
Total number of grant assessments completed:	283
Total number of Targeted Brownfield Assessments (TBA) *:	8
Total number of grant cleanups completed:	3

Total amount of Brownfields 128(a) grant dollars to VAQ to support their programs since 2002: \$9,711,833

\*Targeted Brownfield Assessments are assessments conducted using either EPA contract resources or funds given to the state to conduct assessments.

Dollars Leveraged	\$106,033,126
Jobs Leveraged	1,185
Acres/Properties Ready for Reuse	615.24/77



# MARYLAND

## Brownfields Information

### At-A-Glance



Since 1997 the total dollars awarded in MD: \$ 15,384,060

Brownfields Grant Types	Number of Grants	Total Funds
Assessment	12	\$2,720,000
Area Wide Planning	0	\$0
Cleanup	6	\$1,200,000
Job Training	9	\$1,900,000
Revolving Loan Funding	5	\$2,850,000

#### Results of Funding

Total number of communities funded:	12
Total number of community grants awarded:	32
Total number of grant assessments completed:	73
Total number of Targeted Brownfield Assessments (TBA) *:	4
Total number of grant cleanups completed:	7

Total amount of Brownfields 128(a) grant dollars to MDE to support their programs since 2002: \$6,714,060

\*Targeted Brownfield Assessments are assessments conducted using either EPA contract resources or funds given to the state to conduct assessments.

Dollars Leveraged	\$366,183,363
Jobs Leveraged	5,602
Acres/Properties Ready for Reuse	71.61/17

# DISTRICT OF COLUMBIA

## Brownfields Information



### At-A-Glance

Since 1997 the total dollars awarded in DC: \$ 6,088,636

Brownfields Grant Types	Number of Grants	Total Funds
Assessment	1	\$350,000
Area Wide Planning	0	\$0
Cleanup	0	\$0
Job Training	1	\$200,000
Revolving Loan Funding	1	\$500,000

### Results of Funding

Total number of communities funded:	1
Total number of community grants awarded:	3
Total number of grant assessments completed:	73
Total number of Targeted Brownfield Assessments (TBA) *:	0
Total number of grant cleanups completed:	0

Total amount of Brownfields 128(a) grant dollars to DDOE to support their programs since 2002: \$5,038,636

\*Targeted Brownfield Assessments are assessments conducted using either EPA contract resources or funds given to the state to conduct assessments.

Dollars Leveraged	\$1,300,000
Jobs Leveraged	0
Acres/Properties Ready for Reuse	2.47/2

# Outreach Activities and Events



**Debriefing** -unsuccessful applicants not awarded. Encourage them to reapply.



**Brownfields 101/Brownfields Basics** - for communities that are unfamiliar with Brownfields as a concept .



**Grant writing workshops** - for communities ready to apply for EPA Brownfields funding



**Brownfields 201** - resources for redevelopment beyond EPA grants. Mostly used at state conferences.



**Brownfields specialty topics** - for communities with EPA grants that want to make implementation of their projects more effective.



**Annual conferences and all grantees meeting**