Understanding Brownfields: Definitions, Law, and Policy

Iron Range Brownfields and Land Development Conference April 3rd, 2025



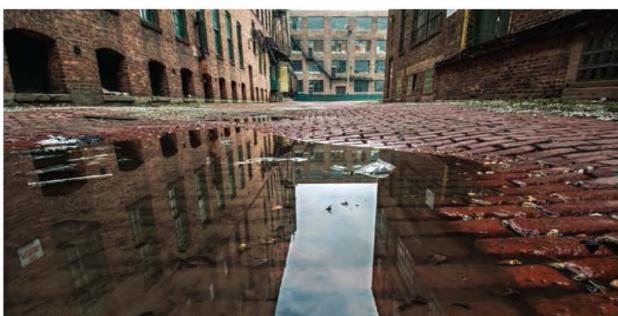
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Legal Definition

- The U.S. EPA defines a brownfield as, "real property, the expansion, redevelopment, or reuse of which may be complicated by the presence of a hazardous substance, pollutant, or contaminant."
- (Public Law 107 -118 (H.R. 2869) "Small Business Liability Relief and Brownfields Revitalization Act", signed into law January 11, 2002).

Breaking it down...

- A brownfield project is a redevelopment project that is often impeded by environmental concerns
- A site with low to moderate levels of contamination that can range in size
- Typical contaminants include petroleum, asbestos, lead paint, mold, meth lab contaminants, minescarred lands, and more

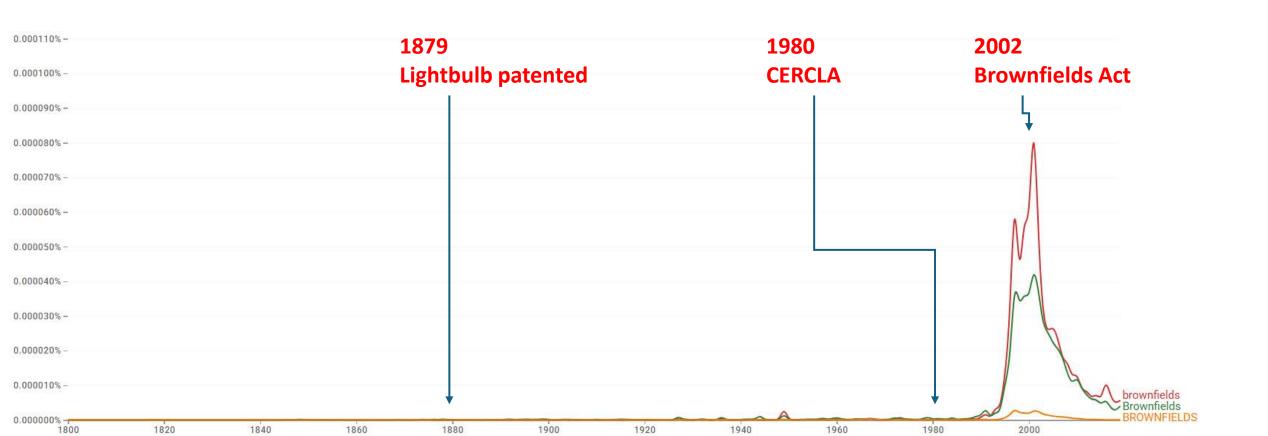
History: CERCLA, RCRA, ETCETERA

- Globalization of economy (1950s-90s) raised significant liability issues that deterred cleanup and redevelopment of brownfield sites.
- Resource Conservation and Recovery Act (RCRA) applies to hazardous waste facilities; passed in1976
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) applies to abandoned, uncontrolled hazardous Waste sites;
 passed in 1980
- Small Business Liability Relief and Brownfields Revitalization Act (Brownfields Law); passed in 2002
- Better Utilization Leading to Development (BUILD) Act; passed in 2018

Prior to Brownfields...

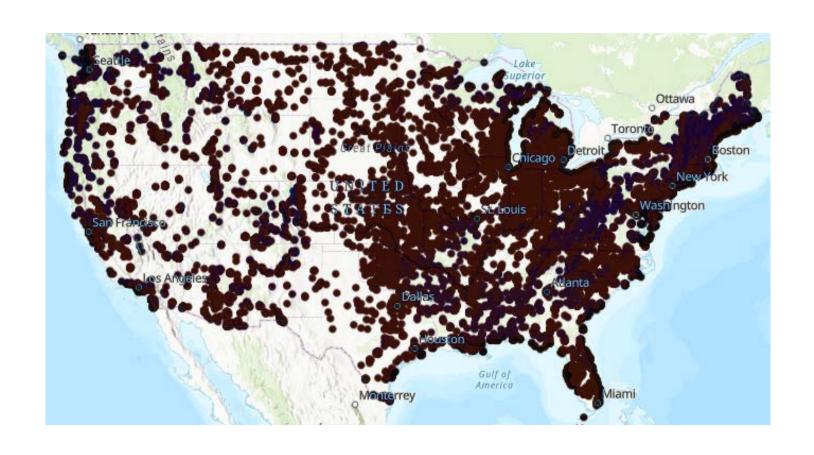
- Late 1980s & early 1990s
- Communities repeatedly expressed need to revitalize contaminated sites in their neighborhoods
- Most sites didn't score high enough to rank on <u>EPA's National</u>
 Priorities List
- US Conference of Mayors asked EPA to address the challenge that brownfield sites cause blight and raise public health concerns in communities.

Frequency of the word "brownfields" in publication since 1800



Brownfields everywhere (as far as the eye can see!)

 According to EPA, as of March 2025, the Region 5 Brownfields Program has assessed 9,625 properties, cleaned up 472 sites, leveraged more than \$7.75 billion, and created 53,159 jobs over the last 20 years.



Local Stakeholders Determine Conduct Leverage Prioritize Ready Identify Clean-up Reuse Vision Environmental Funding Brownfields for Reuse! Brownfields Activities and Goals Resources Assessments **EPA Assessment Grants & EPA/State TBA Programs** EPA RLF and/or

Summary of Brownfields process

MN Brownfields under MERLA

(Minn. Stat. § 115B, the Minnesota Environmental Responsibility Act)

Voluntary Investigation and Cleanup (VIC)

- Created by MN Land Recycling Act of 1992 to encourage the reuse of abandoned or underused properties for redevelopment by providing liability protections.
- A fee for-service program for non-responsible parties
- Provides technical assistance and liability assurance letters under MERLA to promote investigation, cleanup, and redevelopment of contaminated property
- Applicants are referred to as voluntary parties because they are not responsible for the identified contamination per Minn. Stat. § 115B.03

Superfund

- Investigation and cleanup of sites where contamination poses a threat to public health or the environment.
- Designates Responsible Parties (RP) as legally responsible for the cleanup. and provide funds for certain types of cleanups under MERLA.
- The RP then either cooperates or is forced to do clean up.
- Sites listed on the Minnesota Permanent List of Priorities are eligible for state cleanup dollars when there is no RP to pay.

VIC = SuperFUN

MPCA Brownfields/VIC process

- Hazardous substances found on property
- Submit application to VIC program
- Applicant identifies as a non-responsible voluntary party ("VP")
 MPCA evaluates application before acceptance.
- The VP establish boundary of site for investigation and clean up
- The VP conducts investigation and cleanup with technical assistance and liability assurances from MPCA

Brownfields & Mine Land Reclamation

- Major local benefit and need to redevelop abandoned mine land across the nation and on the Iron Range.
- Investigation, clean up and & reclamation of abandoned mine sites has been historically complicated by technical, legal, and regulatory issues.
- Multiple agencies in Minnesota with authority over mine land reclamation
 - The DNR has authority and technical expertise for mine land reclamation for lands impacted after 1980
 - IRRR has authority for mine land reclamation on lands impacted prior to 1980
 - MPCA has authority over hazardous substances on mine lands
- The definition of Brownfields was expanded at federal level to include "mine-scared lands" in 2004 and there is lots of precedent for using Browfields program to investigate, cleanup and reclaim mine land since.

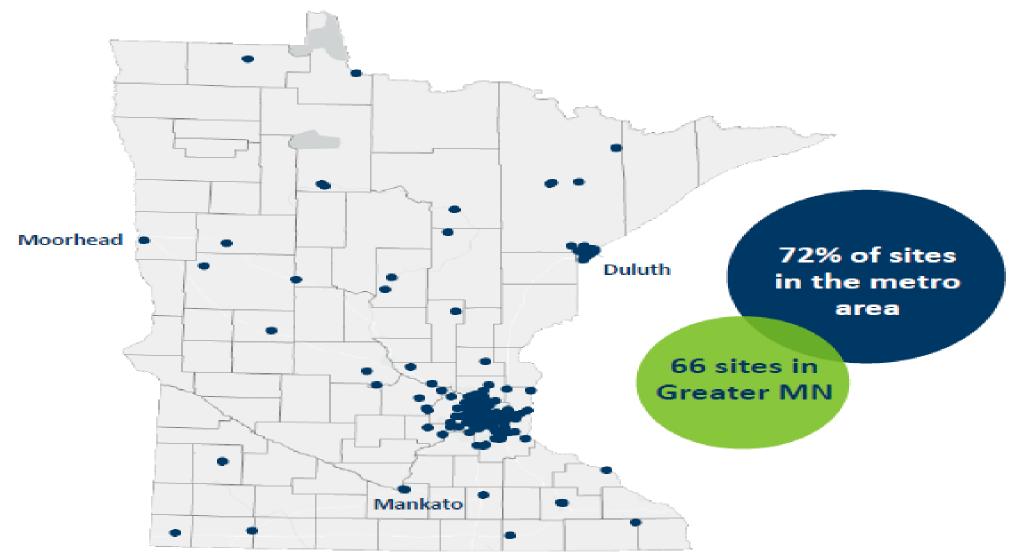
Funding Sources

- EPA
 - EPA Assessment Grant
 - EPA Cleanup Grant
 - EPA Area-Wide Planning Grant
- MPCA
 - MPCA Targeted Brownfields Assistance Program
 - Funding for brownfield investigation
- DEED
 - DEED Investigation & RAP Development Grant Program
 - DEED Contamination Cleanup Grant Program
 - DEED Redevelopment Grant Program
- IRRRB
 - Commercial Redevelopment Grants

DEED Redevelopment Grant Awards 2205

- Alexandria Park and 3rd Alexandria LLC
- Duluth Economic Development Authority (EDA) True North Goodwill Research and Training Center
- Moorhead Downtown MCM Phase II
- Norwood Young America Norwood Flats
- Oakdale Tanners Lake Redevelopment
- Annandale Larson Apartments
- Maplewood Moose Lodge
- Red Wing Central Research Property

2024 new brownfield applications statewide



Benefits of Brownfield Cleanup and Redevelopment

- Removes health and safety hazards Eliminates contamination and reduces risks to public health.
- Improves environmental quality Restores soil, water, and air quality.
- Increases property values Cleanup and redevelopment lead to higher real estate values.
- Expands local tax base Increased property values generate more local tax revenue.
- Creates jobs Generates employment during cleanup and long-term site use.
- **Promotes infill development** Reduces sprawl and encourages efficient land use.
- Removes blight Enhances community appearance and reduces crime.
- Attracts new businesses Makes the site more appealing for commercial use.
- Provides community space Creates opportunities for housing, parks, and retail.
- Boosts community confidence Reduces fear of contamination and increases civic pride.



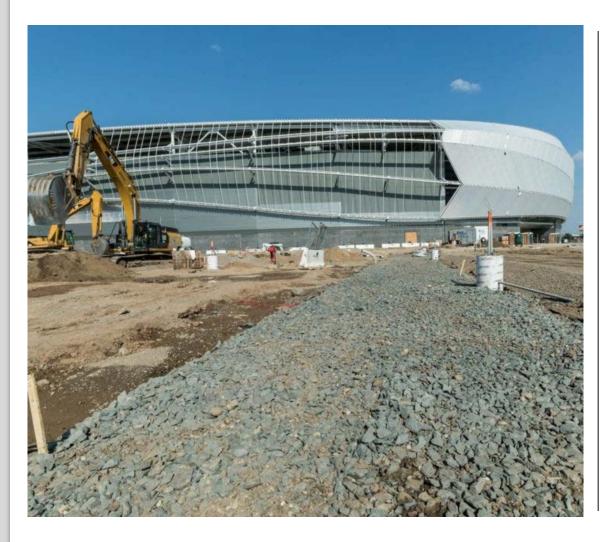
More benefits

Makes financial sense

- Free money available for assessment, cleanup, etc.
- Using existing infrastructure
- Desirable locations that encourage a mix of land uses to provide services that may be lacking
- Increase local tax base and facilitate job growth

Less uncertainty with redevelopment outcome

- Community involvement
- Identify phases and funding along the way

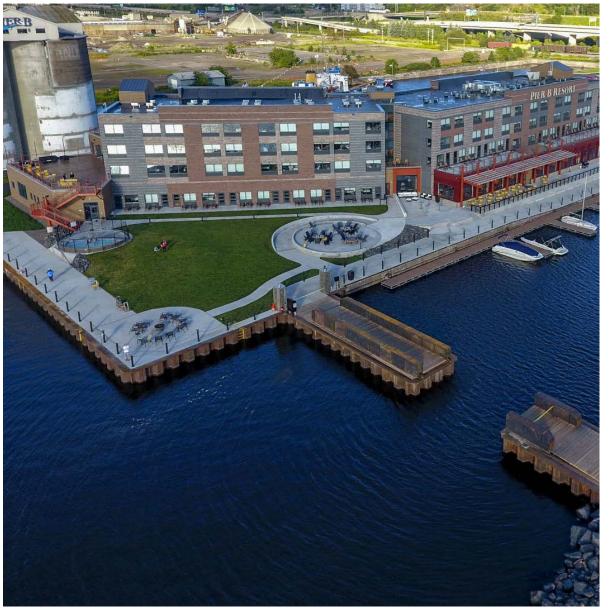












Questions?