



BROWNFIELDS & OTHER RESOURCES

Pacific Southwest Region 9

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BROWNFIELDS DEFINED



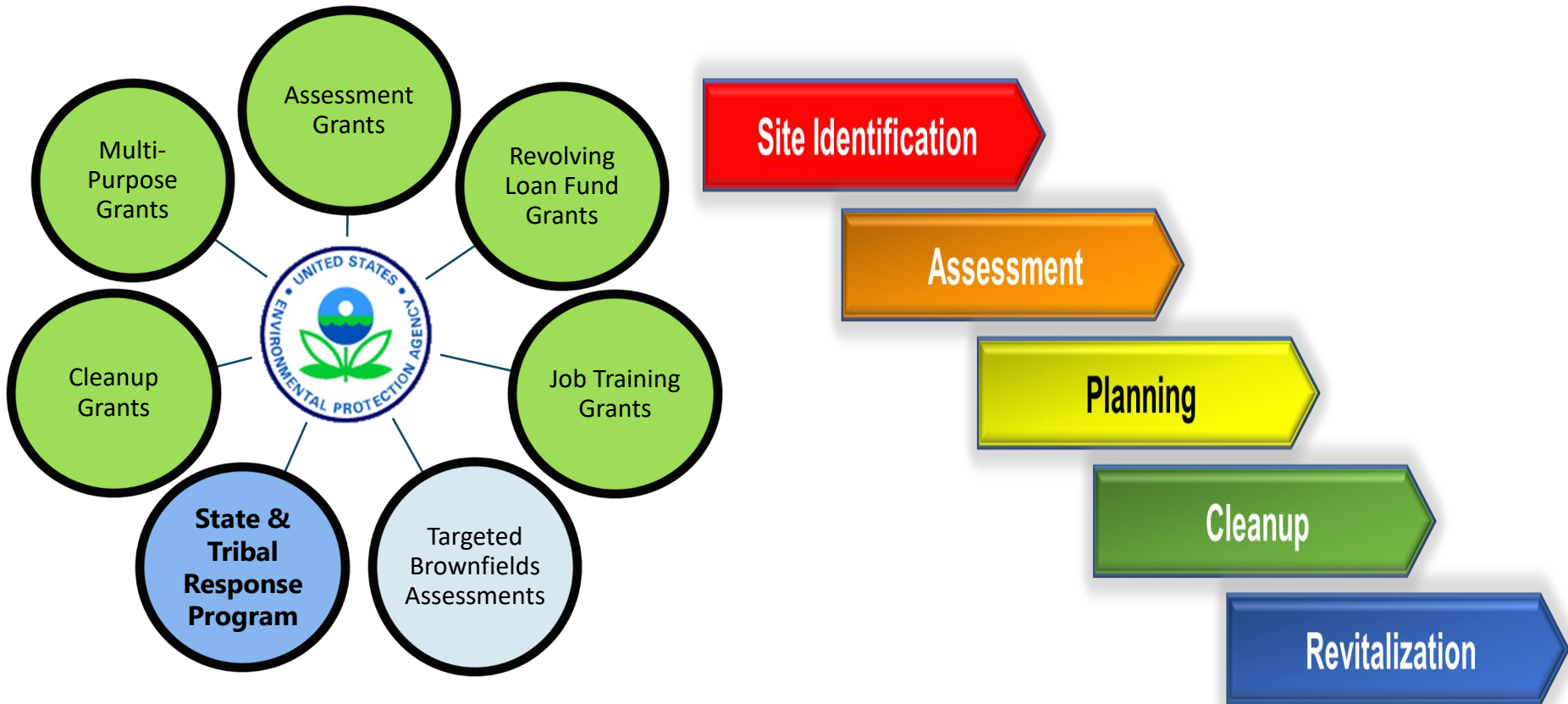
Brownfield: **real property**, the expansion, redevelopment, or reuse of which may be complicated by the **presence** or **potential presence** of a hazardous substance, pollutant, or contaminant.



EPA BROWNFIELDS PROGRAM



Funding for all steps of the redevelopment process!



Note the Bipartisan Infrastructure Law has added \$1.5B to EPA's Brownfields Program over next 5 years

RURAL AND TRIBAL HEALTH



COMMUNITY PARKS AND OPEN SPACE



HEALTH & OPEN SPACE



BEFORE: Auto Repair and Machine Shop



AFTER: Mixed-use Affordable Housing and Commercial Development

AFFORDABLE HOUSING



RENEWABLE ENERGY



ENVIRONMENTALLY FRIENDLY TRANSPORTATION

COMPETITIVE GRANT FUNDING



Assessment: allows for environmental assessment, planning, and community engagement from \$200K to \$2M

Cleanup: remediation funding of \$500K - \$2M

Revolving Loan Fund: cleanup loan and subgrant funding up to \$1M

Multipurpose: for assessment and cleanup funding up to \$800K



Next Solicitation:
Fall 2023

GENERAL BACKGROUND



- Environmental Site Assessments (ESA) (ASTM Standard)
 - Phase I
 - Phase II
- Cleanup Planning: [Analysis of Brownfields Cleanup Alternatives](#) (ABCA)
- Site eligibility: Applicant must not be liable for contamination
- Privately and publicly held sites can be assessed

GRANT FUNDING OVERVIEW



Grant Type	Maximum Project Period	Maximum Amount Per Grant	Estimated # of Awards	Total Per Grant Type	
				Bipartisan Infrastructure Law Funds	Regular Appropriated Funds
Multipurpose	5 yrs	\$800,000	17		\$14.0 M
Assessment (State/Tribal)	5 yrs	\$2,000,000	17	\$35.0 M	
Assessment Coalitions	4 yrs	\$1,000,000	20		\$20.0 M
Assessment (CW) - New	4 yrs	\$500,000	36		\$18.0 M
Assessment (CW) - Existing	4 yrs	\$500,000	25		\$12.5 M
RLF (New)	5 yrs	\$1,000,000	10	\$10.0 M	
Cleanup	4 yrs	\$500,000	40	\$20.0 M	
Cleanup	4 yrs	\$1,000,000	25	\$25.0 M	
Cleanup	4 yrs	\$2,000,000	8	\$15.0 M	
			198	\$105 M	\$64.5 M

Amounts are subject to change

COMMUNITY-WIDE ASSESSMENT GRANTS



- **Activities:** Inventory, Phase I/II assessments, community outreach, cleanup and redevelopment planning
- **Length:** 4 or **5*** years
- **Award Amount:**
 - \$500,000
 - **Up to \$2,000,000***
- **Match:** N/A

*** States and Tribes**



Next Solicitation:
Fall 2023

ASSESSMENT COALITION GRANTS



- **Activities:** Inventory, Phase I/II assessments, community outreach, cleanup and redevelopment planning
- **Requirement:** Must have at least 2 partners
- **Eligible Entities:** Must be a state, county government, Indian tribe or a **group** of general-purpose units of local government
- **Length:** 4 years
- **Funding:** Up to \$1,000,000
- **Match:** N/A



CLEANUP GRANTS



- **Activities:** Site cleanup, reuse planning, community involvement, regulatory oversight fees
- **Requirements:**
 - Site ownership
 - Completed phase II or site investigation report
 - Community Notification
- **Funding:**
 - Up to \$500,000
 - Up to \$1,000,000 *
 - Up to \$2,000,000 *
- **Length:** 4 years
- **Match:** N/A *

* Change from FY22 guidelines

BIL Funding → No cost share



Next Solicitation:
Fall 2023

MULTIPURPOSE GRANTS



- **Activities:** Inventories, prioritizing sites, community engagement activities, Phase II assessment, cleanup and reuse plans, cleanup activities, and overall plans for revitalization. More details [here](#)
- **Funding:** Up to \$800,000
- **Requirements:**
 - ✓ One Phase II environmental site assessment
 - ✓ One brownfield site cleanup
 - ✓ A revitalization plan (includes a feasible reuse strategy for one or more brownfield sites)
- **Length:** Up to 5 years
- **Match:** N/A *



* Change from FY22 guidelines

REVOLVING LOAN FUND (RLF) GRANT




- **Activities:**
 - ✓ Loans and subgrants (\$500K limit per subgrant*) for site remediation
 - ✓ Privately-held sites can be eligible for loans; more details [here](#).
 - ✓ Recipients need to be able to effectively administer loans and manage program income
 - ✓ *At least 50% of funding must go to loans*
- **Funding:** Up to \$1,000,000; can receive supplemental funding over time
- **Length:** Up to 5 years
- **Match:** N/A *

* Change from FY22 guidelines





TARGETED BROWNFIELDS ASSESSMENTS - *NONCOMPETITIVE*




 Rolling applications – [3 pages online](#)

 EPA contractor assistance valued at about \$100,000

 Phase I/II assessments and data evaluation

 Near term redevelopment

 Communities with EJ concerns

 Serve public good

STATE AND TRIBAL RESPONSE PROGRAM (128A) – *NONCOMPETITIVE*



Four Elements (establishing and enhancing)

- 1. Timely survey and inventory of sites**
 - 2. Oversight & enforcement authorities or other mechanisms and resources**
 - 3. Public participation**
 - 4. Mechanism for cleanup planning & certification**
- Establish and maintain a public record
 - *Optional:* Site-specific activities (assessment, cleanup, reuse planning, etc.):
 - **Nevada's Brownfields Program accepts applications for assessments and cleanups!**

WILLIAM N. PENNINGTON LIFE CENTER *FALLON*

- Former gas station
- NNDA assessment
- NDEP groundwater monitoring
- No cleanup needed!



LIFEGUARD ARENA *HENDERSON*

- Former convention center site
- City of Henderson assessment
- No cleanup needed



BROWNFIELDS JOB TRAINING



- \$500,000
- 5-years (4 years for training, year tracking placement)
- No match
- Government & nonprofit
- Environmental Technicians
- Multiple Certifications
- Tailored training to market demand
- RFA: **Spring 2023**



PROPOSAL PREPARATION SUPPORT – *FREE!*



Center for Creative Land Recycling (CCLR)

- Draft proposal review and feedback
- Go to cclr.org
- Ignacio Dayrit (Director of Programs)
ignacio.dayrit@cclr.org



CALIFORNIA
CENTER FOR
L A N D
RECYCLING

Kansas State University's Technical Assistance to Brownfields (TAB) Program

- Access successful proposals
- Free tool to help prepare proposals
- Go to ksutab.org or tabez.org and click on Online Tools and "TAB EZ"

BROWNFIELDS FUNDING - NEVADA



Competitive Grants

- City of Henderson
- City of Las Vegas
- City of Reno
- Humboldt County
- Northern Nevada Development Authority
- Nye County
- NyE Communities Coalition
- Western Nevada Development District

State & Tribal Response Programs 128(a)

- Nevada Division of Environmental Protection
- Fort McDermitt Paiute-Shoshone
- Pyramid Lake Paiute
- Walker River Paiute
- Washoe
- Yerington Paiute

NEVADA FUNDING FOR WATER INFRASTRUCTURE



FY22 – Bipartisan Infrastructure Law (BIL) Funding

Drinking Water State Revolving Fund (DWSRF) Supplement	\$20,857,000
DWSRF Lead Service Line Replacement	\$32,864,000
DWSRF Emerging Contaminants	\$8,758,000
Clean Water State Revolving Fund (CWSRF) Supplemental	\$8,738,000
CWSRF Emerging Contaminants (e.g., PFAS, Mg, dioxins)	\$459,000
Total BIL Funding	\$71,676,000

FY22 – State Revolving Fund Base Funding

Drinking Water State Revolving Fund (DWSRF)	\$8,123,000
Clean Water State Revolving Fund (CWSRF)	\$5,681,000
Total Base Funding	\$13,804,000

SUCCESSSES IN NEVADA SRF PROGRAM



- Changes to disadvantaged community definition and affordability for FY23
- Intensive marketing and outreach effort to identify new SRF projects
- Addition of three new employees in Nevada's SRF program
- Implementation of Nevada Infrastructure Financial System (NIFS) for applications
- \$100 million in American Rescue Plan Act (ARPA) funding targeted to incentivize SRF loans
- \$1 billion project in planning stage to offset water intake at Lake Mead

CONTACTS FOR NEVADA SRF PROGRAM



EPA Drinking Water State Revolving Fund & Clean Water State Revolving Fund

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[Brownfields | US EPA](#)

[Brownfields and Land Revitalization in the Pacific Southwest | US EPA](#)

