

The Washington State Brownfields Team will give an overview of Brownfields funding shared through case studies. This session will focus on how communities worked through the steps in the cleanup process to safely redevelop contaminated properties. The Team will highlight how technical assistance through Washington's Brownfields Program helps set realistic expectations around a project's success and timeline.

Brownfields 101: Practical ways to navigate cleanup and redevelopment



Infrastructure Assistance Coordinating Council (IACC) Conference | Thurs. Oct. 24, 2024

Washington State Brownfields Team members:

Elaine Heim, Washington Dept. of Ecology

Sarah Frederick, Environmental Protection Agency (EPA)

Bridget Paris, Washington Dept. of Commerce



Brownfields 101

What's a brownfield?

What the State Brownfields Team does

Why redeveloping brownfields matter

Resources

Success stories & case study

COMMUNITY



brownfield

a property with suspected or known environmental contamination that hinders redevelopment or full use



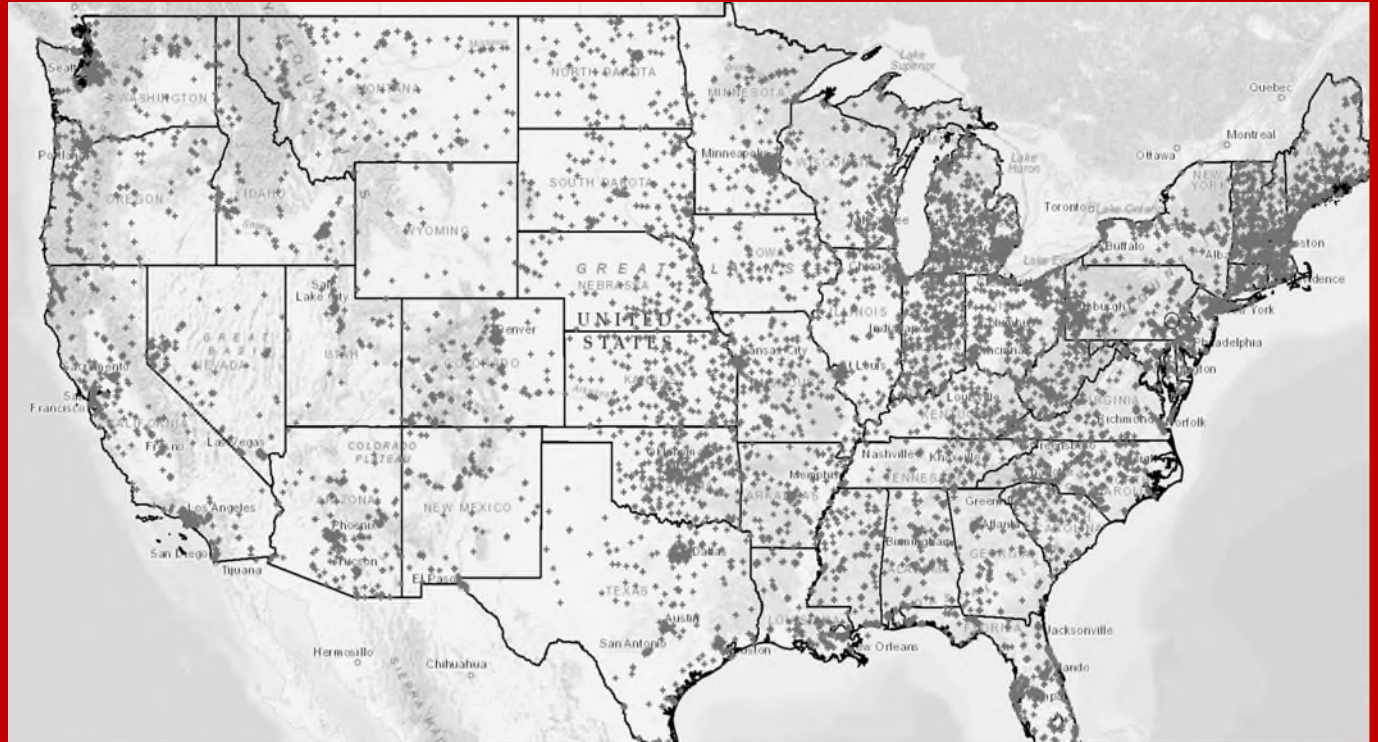


400,000 brownfields in the United States.





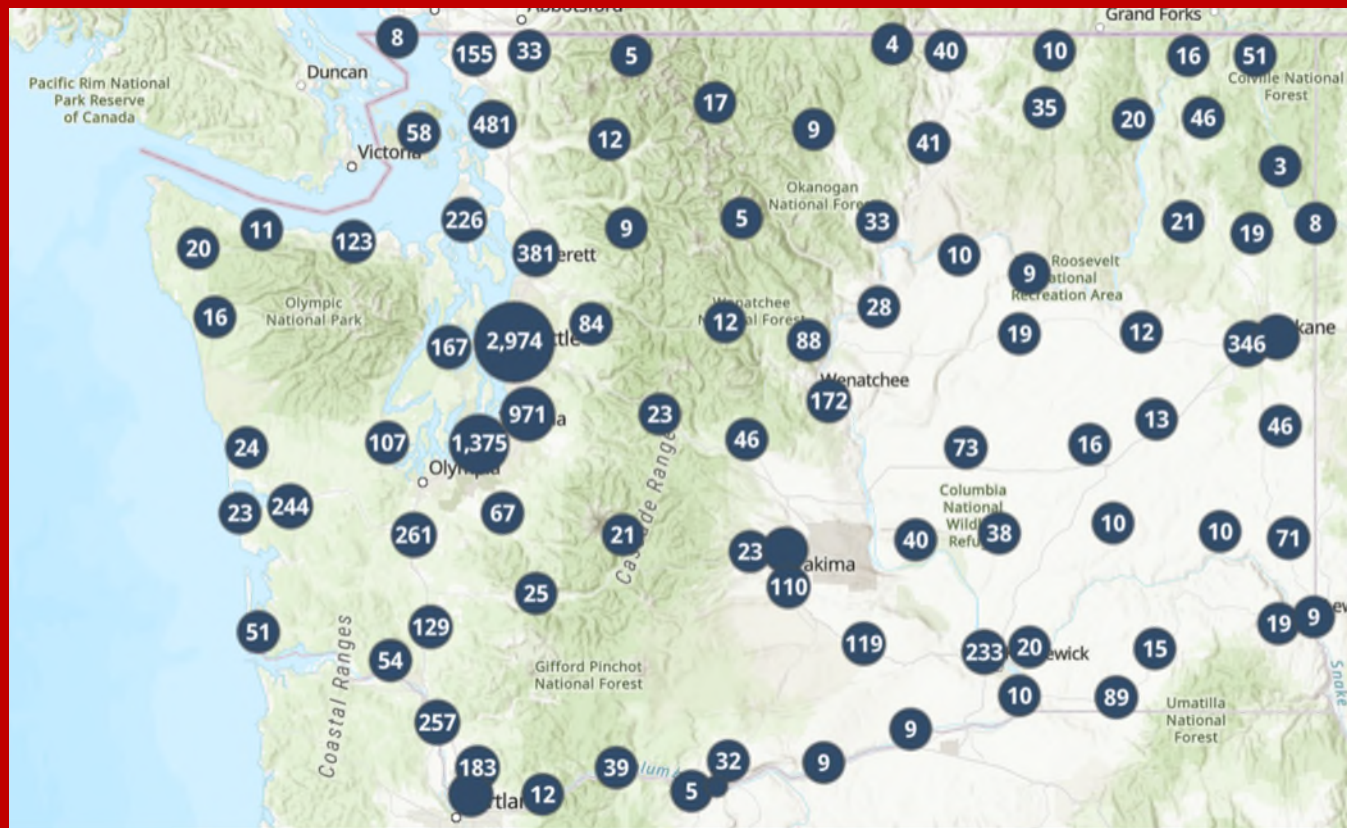
400,000 brownfields in the U.S.



Cleanups in My Community (EPA) at <https://map22.epa.gov/cimc/>



14,000 brownfields in Washington



Brownfield resources help move projects forward

- ✓ Dedicated team
- ✓ Grants and loans
- ✓ Technical assistance
- ✓ One-on-one guidance
- ✓ Education
- ✓ Bridge to other resources



Washington Brownfields Program provides...

Funding



Technical Assistance



Outreach & Education



Relationships



Storytelling



We work with...

Local governments

Non-profits

Tribes

Consultants

Developers

Community stakeholders

Other agencies



Reuse. Renew. Revitalize.

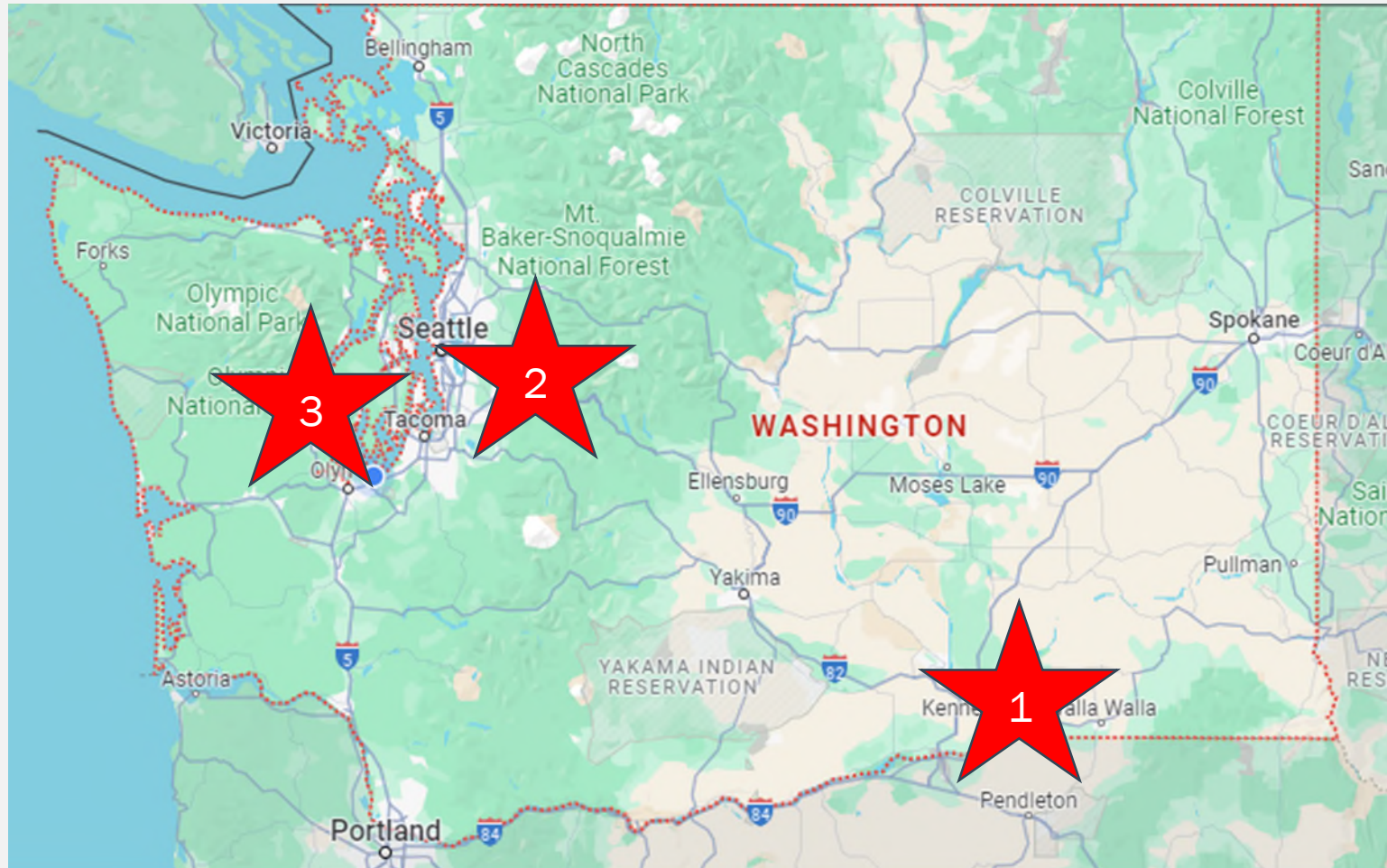


WASHINGTON

BROWNFIELD WORKSHOPS 2024

2024 Washington Brownfield Workshops

September 10, 11, and 12





PART FIRE LANE

GENERAC

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07645

Brownfield assistance can help you build that bridge. Ecology, Commerce, & Outreach! EPA, CCLR Brownfields Program





DANGER
Toxic



WALKING
ZOMBIE
AREA



Brownfield assistance can help you build that bridge.



We help people turn places like this...



...into this



...and this





Why redevelop brownfields?

No. 1. Spurs economy, creates jobs, increases local tax base

No. 2. Provides healthy sites for community priorities

No. 3. Builds pride by turning perceived problems into community assets

No. 4. Enables efficient land use and reduces need for new service infrastructure

No. 5. Helps promote environmental justice

No. 6. Protects human health and the environment



Ecology	EPA	Others
<p><u>Brownfields report in CATS</u> & <u>What's in My Neighborhood?</u></p>	<p><u>Cleanups in My Community</u> & <u>Envirofacts database</u></p>	<p>Lists managed by local governments & Tribes</p>

Brownfields funding helps people meet MTCA cleanup requirements

EPA FUNDING

128(a) State Response Program (SRP)

STATE FUNDING

Integrated Planning Grant (IPG)
Affordable Housing
Brownfields Flexible Funding

EPA FUNDING

128(a) State Response Program (SRP)
EPA Assessment, Multipurpose
Targeted Brownfields Assistance (TBA)

STATE FUNDING

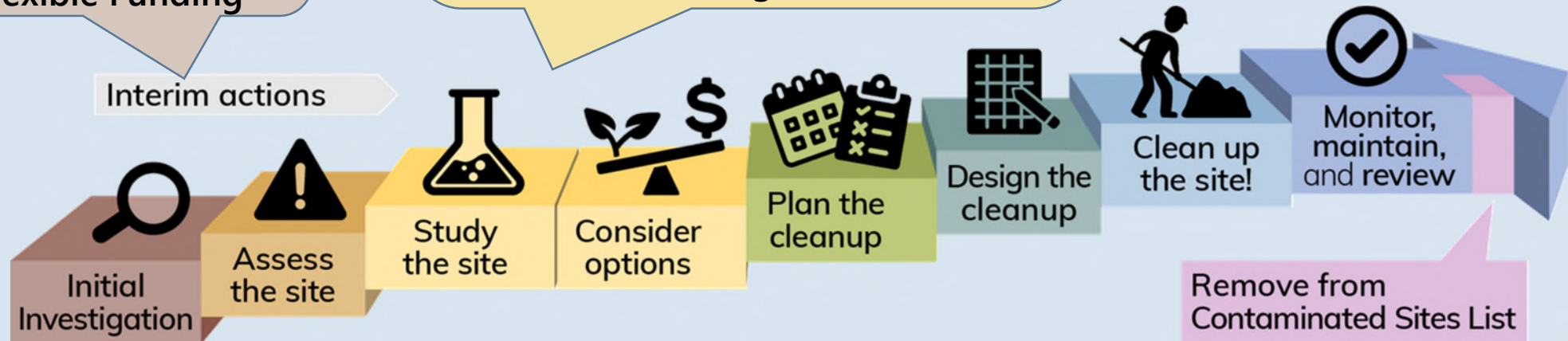
Integrated Planning Grant (IPG)
Remedial Action Grant (RAG)
Affordable Housing
Brownfields Flexible Funding
Commerce Revolving Loan Fund (RLF)*

EPA FUNDING

EPA Cleanup, Multipurpose

STATE FUNDING

Remedial Action Grant (RAG)
Affordable Housing
Brownfields Flexible Funding
Commerce RLF and Grant



Plan	Assess			Clean up
Planning	Initial Investigation/ Phase I & II Environmental Site Assessment (ESA)	Remedial Investigation / Facility Site (RI/FS)	Cleanup Action Plan (CAP)	Engineering Design Report (EDR) / Cleanup





Key takeaway

If your community has an eligible project, there are brownfield resources at every stage of the MTCA Cleanup Process.*

*MTCA: Model Toxics Control Act, Washington's environmental cleanup law
[Chapter 70A.305 RCW](#)

Brownfield resources come from...

Ecology	
 <p>DEPARTMENT OF ECOLOGY State of Washington</p>	Integrated Planning Grant (IPG) ^a
	State Response Program (SRP) and Brownfields Flexible Funding ^b
	Independent Remedial Action Grant (IRAG) ^c
	Oversight Remedial Action Grant (ORAG) ^d
	Affordable Housing Cleanup or Planning grant ^e





EPA & Commerce	
	EPA Assessment, Cleanup, and Multipurpose Grants ^f
	EPA Targeted Brownfields Assessment (TBA) ^g
 <p>Washington State Department of Commerce</p>	Commerce Brownfields Revolving Loan Fund (BRLF) Loan ^h
	Commerce BRLF Program Grant

PLIA & CCLR	
 <p>P L I A STATE OF WASHINGTON</p>	Pollution Liability Insurance Agency UST Loan and Grant Program ⁱ
 <p>CENTER FOR CREATIVE LAND RECYCLING <small>RECLAIM. CONNECT. TRANSFORM.</small></p>	Free technical assistance for brownfield communities ^j

Brownfields funding opportunities






(side 1 of 2)

Brownfields Funding Opportunities in Washington State (October 2024)

Available from	Funding type	Who is eligible?	Eligible activities	Cost share?	When is it offered?	Contact
 DEPARTMENT OF ECOLOGY State of Washington	Integrated Planning Grant (IPG)^a	Local government	Planning, assessment	None	Competitive, solicitation every two years	Elaine Heim or Ali Fumall Elaine.Heim@ecy.wa.gov Ali.Fumall@ecy.wa.gov
	State Response Program (SRP) and Brownfields Flexible Funding^b	Local government, Tribes, nonprofit	Planning, assessment, limited cleanup	None	Continuous, based on available funding	Tina Hochwender or Ali Fumall Tina.Hochwender@ecy.wa.gov Ali.Fumall@ecy.wa.gov
	Independent Remedial Action Grant (IRAG)^c	Local government	Assessment, cleanup	25–50%	Competitive, solicitation every year	Laurie Dahmen Laurie.Dahmen@ecy.wa.gov
	Oversight Remedial Action Grant (ORAG)^d	Local government	Assessment, cleanup	10–50%	Competitive, solicitation every two years	Laurie Dahmen Laurie.Dahmen@ecy.wa.gov
	Affordable Housing Cleanup or Planning grant^e	Anyone	Planning, assessment, cleanup	0–25%	Competitive, solicitation every two years	Elizabeth Court, AICP Elizabeth.Court@ecy.wa.gov
 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY	EPA Multipurpose, Assessment, Revolving Loan Fund, and Cleanup Grants (MARC)^f	Local government ¹ , Tribes, nonprofit	Planning, assessment, cleanup (varies by grant type)	Varies by grant type	Competitive, solicitation every fall	Terri Griffith 206-553-8511 Griffith.Terri@epa.gov
	EPA Targeted Brownfields Assessment (TBA) services^g	Local government, Tribes, nonprofit	Assessment	None	Continuous, based on available funding	Molly Vaughan 907-271-1215 Vaughan.Molly@epa.gov
	EPA Brownfields Job Training Grants^h	Local government, Tribes, nonprofit, other organizations	Training	None	Competitive, solicitation varies	Robert Miller or Meredith Lightbody Miller.Robert01@epa.gov Lightbody.Meredith@epa.gov
 Washington State Department of Commerce	Commerce Brownfields Revolving Loan Fund (BRLF) Loanⁱ	Local government, nonprofit, Tribes, private entity	Cleanup	None	Continuous, based on available funding	Bridget Paris 360-870-9288 Bridget.Paris@commerce.wa.gov
	Commerce BRLF Program Grant	Local government, nonprofit, Tribes	Assessment, planning	None	Continuous, based on available funding	Bridget Paris 360-870-9288 Bridget.Paris@commerce.wa.gov
 P L I A STATE OF WASHINGTON	Pollution Liability Insurance Agency UST Loan and Grant Programⁱ	Owners/operators of underground storage tanks (including private entities and heating oil tanks)	Assessment, cleanup, infrastructure	Varies	Accepting applications for heating oil only every six months	Jamie Hays 360-407-0518 Jamie.Hays@plia.wa.gov

¹ Local Government or Quasi-Governmental Entities, Tribes, Intertribal Consortia, Nonprofit (varies by grant type, refer to the annual grant guidance for more information)

Other Resources

Available from	Resource name	Who is eligible?	Eligible activities	When is it offered	Contact
	Free technical assistance for brownfield communities^k	Anyone	Visioning, planning, cleanup, redevelopment, more!	Continuous	Joelle Greenland, AICP Joelle.Greenland@cclr.org or info@cclr.org
	Free technical assistance to Tribes working on brownfields^l	Federally recognized Tribes	Visioning, planning, cleanup, redevelopment, more!	Continuous	Tribal TAB team Tribal-TAB@ksu.edu
	Land Revitalization Technical Assistance^m	Anyone	Planning and reuse assistance, <u>including</u> : labor market and/or economic research, site reuse assessment, financial feasibility and/or implementation plan for site reuse, conceptual site design, Rapid Health Impact Assessment	Continuous	Margaret Olson 503-326-5874 Olson.Margaret@epa.gov
	Other funding sources, including Tribal Response Program Grantsⁿ	Varies by grant type	Build strong partnerships and local capacity to prevent, assess, safely clean up and sustainably reuse brownfields	Varies by grant type	Madison Sanders-Curry 206-553-1889 Sanders-Curry.Madison@epa.gov
	Ecology Grants and Loans^o	Varies by grant type	Varies by grant type	Varies by grant type	Dawn Drake Ecology Grant and Loan Coordinator dawn.drake@ecy.wa.gov
	Commerce Grants and Loans^p	Varies by grant type	Varies by grant type	Varies by grant type	Central Contracts Office CentralContracts@commerce.wa.gov

Brownfields funding opportunities

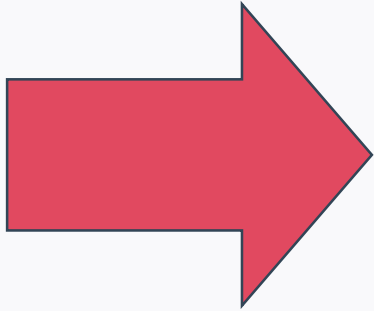
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- ^a <https://ecology.wa.gov/About-us/Payments-contracts-grants/Grants-loans/Find-a-grant-or-loan/Integrated-planning-grants>
- ^b <https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Brownfields>
- ^c <https://ecology.wa.gov/About-us/Payments-contracts-grants/Grants-loans/Find-a-grant-or-loan/Independent-remedial-action-grants>
- ^d <https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Oversight-remedial-action-grants-loans>
- ^e <https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Affordable-housing-related-cleanups>
- ^f <https://www.epa.gov/brownfields/types-funding>
- ^g <https://www.epa.gov/brownfields/targeted-brownfields-assessment-requests-region-10>
- ^h <https://www.epa.gov/brownfields/brownfields-job-training-grants>
- ⁱ <https://www.commerce.wa.gov/serving-communities/brownfields-revolving-loan-fund/>
- ^j <https://plia.wa.gov/ust-loan-and-grant-program/>
- ^k <https://www.cclr.org/>
- ^l <https://www.ksutab.org/tribal-tab>
- ^m <https://www.epa.gov/brownfields/technical-assistance#LRTA>
- ⁿ <https://www.epa.gov/brownfields/grants-and-funding>
- ^o <https://ecology.wa.gov/about-us/payments-contracts-grants/grants-loans/find-a-grant-or-loan>
- ^p <https://www.commerce.wa.gov/contracting/>

Brownfields funding opportunities from **Washington Dept. of Ecology**



DEPARTMENT OF
ECOLOGY
State of Washington



Available from	Funding type	Who is eligible?	Eligible activities	Cost share?	When is it offered?	Contact
 DEPARTMENT OF ECOLOGY State of Washington	Integrated Planning Grant (IPG)^a	Local government	Planning, assessment	None	Competitive, solicitation every two years	Elaine Heim or Ali Furmall Elaine.Heim@ecy.wa.gov Ali.Furmall@ecy.wa.gov
	State Response Program (SRP) and Brownfields Flexible Funding^b	Local government, Tribes, nonprofit	Planning, assessment, limited cleanup	None	Continuous, based on available funding	Tina Hochwender or Ali Furmall Tina.Hochwender@ecy.wa.gov Ali.Furmall@ecy.wa.gov
	Independent Remedial Action Grant (IRAG)^c	Local government	Assessment, cleanup	25–50%	Competitive, solicitation every year	Laurie Dahmen Laurie.Dahmen@ecy.wa.gov
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 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY	EPA Multipurpose, Assessment, Revolving Loan Fund, and Cleanup Grants (MARC)^f	Local government ¹ , Tribes, nonprofit	Planning, assessment, cleanup (varies by grant type)	Varies by grant type	Competitive, solicitation every fall	Terri Griffith 206-553-8511 Griffith.Terri@epa.gov
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 P L I A STATE OF WASHINGTON	Pollution Liability Insurance Agency UST Loan and Grant Program^j	Owners/operators of underground storage tanks (including private entities and heating oil tanks)	Assessment, cleanup, infrastructure	Varies	Accepting applications for heating oil only every six months	Jamie Hays 360-407-0518 Jamie.Hays@plia.wa.gov

Ecology planning grants: 2 types

- **Integrated Planning Grants (IPGs) and Affordable Housing Planning Grants**
- Can support efforts to conduct first steps in cleanup and redevelopment
- Help pay for the plan to address assessment, cleanup, administrative process, and investments needed
- **Competitive, biennial solicitation***



Wenatchee

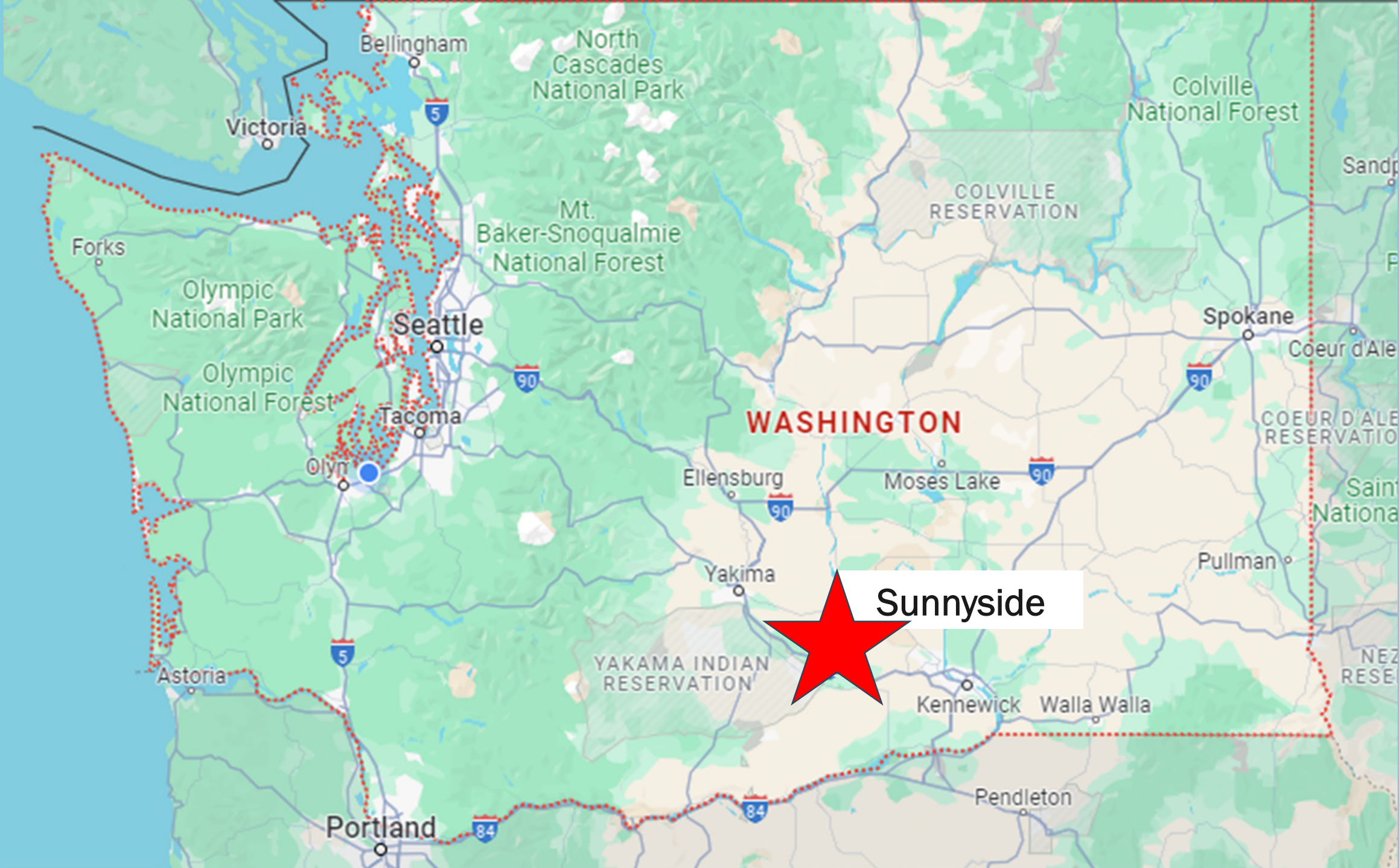
Wenatchee's IPG: From former landfill to public market!



Ecology's State Response Program Grant

EPA provides funding to Ecology for:

- Site Assessments
- Technical assistance for brownfields sites
- Environmental Justice and community outreach activities
- Developing a Brownfields inventory
- Small Community Technical Assistance Grants



Sunnyside

Hiccup at former hotel site in Sunnyside




Sunnyside's Planters Hotel (CSID 12922)

Accomplishment	Amount
Ecology's State Response Program funding from EPA	\$65,000 (federal)
Ecology's Integrated Planning Grant	\$200,000 (state)
Commerce's Brownfields Revolving Loan Fund from EPA	\$223,942 (federal)
Acres cleaned up	0.31
Contaminated soil disposed	312 tons
Underground storage tanks decommissioned and removed	2
Groundwater monitoring wells to evaluate effectiveness of 2022 cleanup remedy and monitor groundwater quality	3
Jobs created after redevelopment	20

Sunnyside downtown property move-in ready!

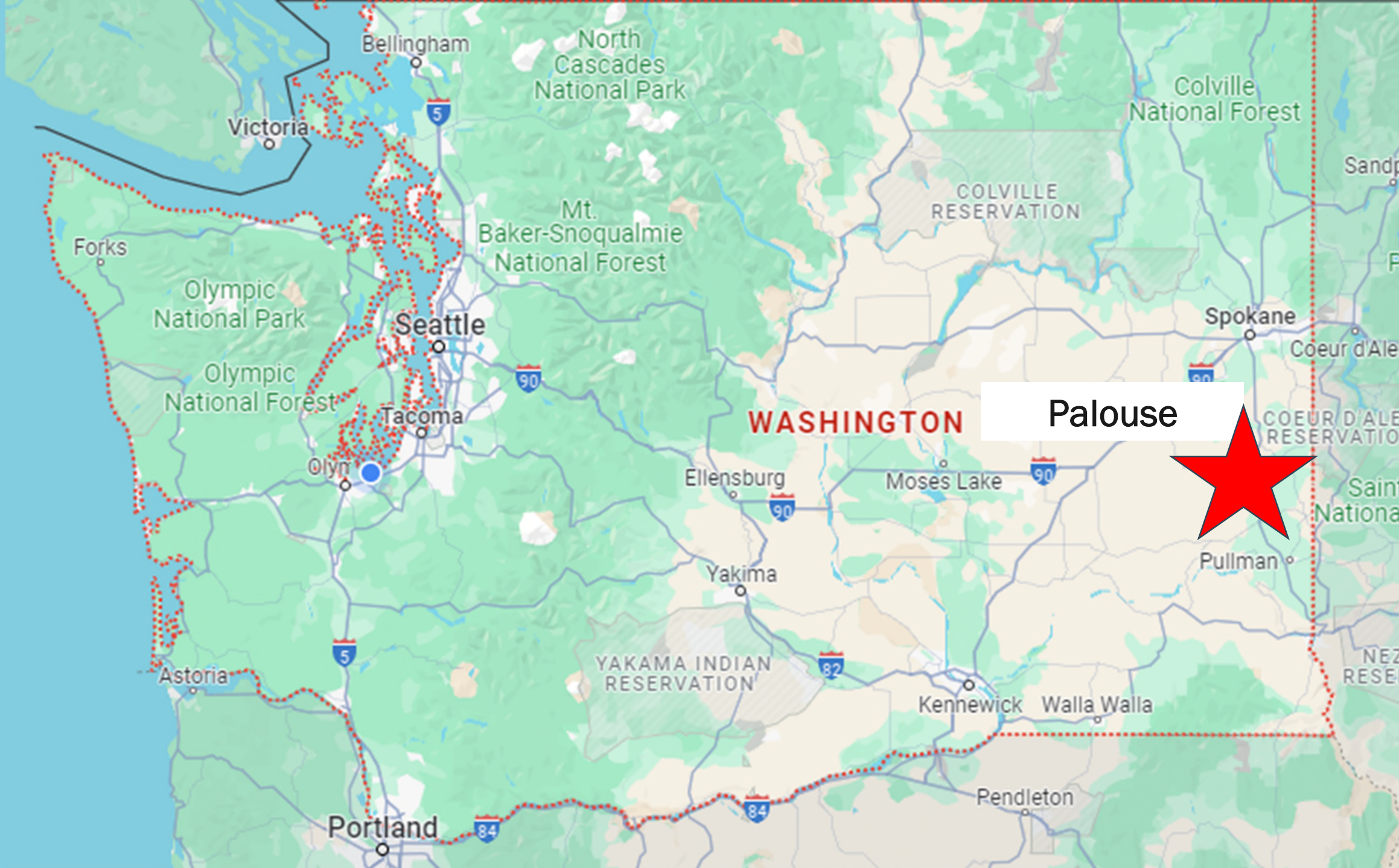


Ecology cleanup funding

- **Oversight Remedial Action Grants**
Local governments completing Ecology-supervised cleanups
- **Independent Remedial Action Grants**
Local governments completing cleanups under Ecology's Voluntary Cleanup Program (VCP)
- **Affordable Housing Cleanup Grants** 
"Any person" completing cleanup for an affordable housing reuse

Ecology brownfields flexible funding

- State funding
- No solicitation
- Supports time-sensitive site investigation or limited cleanup
- Focus on communities with limited capacity:
 - ✓ small or rural communities
 - ✓ overburdened communities



WASHINGTON

Palouse



Palouse Producers brownfield in 2006



Palouse: Stacked funding creates endless opportunities

Year	Funding source	Activity it paid for	Amount
2006	EPA Targeted Brownfields Assessment	(Phase I ESA)	\$9,160
2008	EPA Targeted Brownfields Assessment	(Phase II ESA)	\$87,371
2009	Ecology Integrated Planning Grant	(Site assessment, community outreach, and cleanup/redevelopment planning)	\$197,926
2010	Ecology Interagency Agreement (EPA Section 128(a) funds)	(Supplemental assessment)	\$48,000
2012	Ecology Oversight Remedial Action Grant Cleanup	(Cleanup)	\$477,672
2012	American Recovery and Reinvestment Act grant (Washington Dept. of Commerce)	(Cleanup)	\$101,891
2012 2014	Washington Dept. of Commerce Brownfields Revolving Loan Fund grants	(Cleanup and monitoring)	\$199,992
2012	Whitman County	(Forgave delinquent taxes and became a project partner)	\$28,000

**“...our funding partners want to see that site
integrated back into the community
where it’s producing jobs or opportunities”**

--Michael Echanove, former Mayor of Palouse

Palouse brewery & vet clinic now open for business!



Brownfields webpages: ecology.wa.gov/brownfields



- Contamination cleanup
 - Cleanup sites
 - Sediment cleanups
 - Underground storage tanks
 - Dirt Alert program
 - Rules directing our cleanup work
 - Cleanup process
- Brownfields**
 - Locate brownfields
 - Why redevelop brownfields
 - WA Brownfield Conference
 - Affordable housing

Brownfields in Washington

Brownfields are abandoned or underutilized properties that may have environmental liabilities. Brownfields are common in communities of all sizes — they may be old gas stations, industrial facilities, smelters, or former agricultural land.

Negative perceptions of brownfields, along with potential environmental liabilities, can complicate a community's redevelopment plans. Local governments encourage redevelopment to plan to revitalize downtowns, make improvements to infrastructure, and reduce crime to meet community needs.

Our Brownfields Program helps communities put those properties back into use and realize their redevelopment visions to life.

I want to...

- Receive emails about brownfields program and resources
- Locate brownfields
- Explore funding opportunities

Where can I find funding and technical assistance for my brownfield project?

Our State Brownfields Team can help match your project to one or more of the wide range of federal and state funding and technical assistance opportunities. Download [Brownfields Funding Opportunities in Washington State](#) for a more comprehensive list.

We conduct outreach through participation in local, regional, and national conferences. Our team can also help you host brownfield workshops focused on a single community or brownfields redevelopment topic.

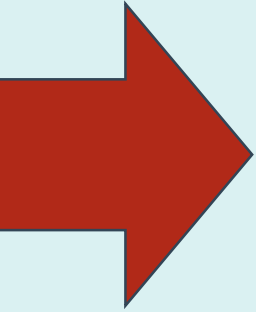
Ecology funding & technical assistance	Commerce funding	EPA funding
----------------------------------------	------------------	-------------

We provide funding for site assessments, environmental cleanup, and reuse planning through our [remedial action grant program](#), including [integrated planning grants](#) (IPGs). IPGs help communities make informed decisions about acquiring and reusing a potentially contaminated property.

Ecology can also provide funding to local governments and non-profits for environmental assessments for eligible brownfields using funds from our EPA State Response Program grant.

We provide technical assistance as part of managing cleanups under the [Model Toxics Control Act](#) (MTCA). This includes providing technical assistance for projects funded by our partners.

Success stories: ecology.wa.gov/brownfields



Brownfields

Locate brownfields

Why redevelop brownfields

WA Brownfield Conference

Affordable housing

The benefits of redeveloping brownfields

Redeveloping brownfields improves public health by cleaning up contamination, turns former blight into new opportunity, saves undisturbed land from development, and more. Get inspired by browsing our brownfield success stories below!

I want to...

- [Receive emails about brownfields resources](#)
- [Find funding and technical assistance for brownfields redevelopment](#)
- [Locate brownfields](#)

Success stories



Contact us!



Ali Furmall | Hydrogeologist
(509) 655-0538
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Tina Hochwender | Planner
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Arianne Fernandez | Toxicologist
(360) 704-0173
arianne.fernandez@ecy.wa.gov

Elaine Heim | Planner
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Brownfields Core Team



Ali Furmall



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Dan Joswiak



Tina Hochwender



Elaine Heim



Hayden Agnew-
Wieland

Brownfields Regional Team

Kim Smith

Sandy Treccani

Elizabeth Court



Mary Monahan

Tom Middleton

Erika
Beresovoy





Hugo
Froyland

Sandra
Matthews

Tra Thai

Brownfields funding opportunities from the **Environmental Protection Agency**



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 DEPARTMENT OF ECOLOGY State of Washington	Integrated Planning Grant (IPG)^a	Local government	Planning, assessment	None	Competitive, solicitation every two years	Elaine Heim or Ali Furmall Elaine.Heim@ecy.wa.gov Ali.Furmall@ecy.wa.gov
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Source: <https://ecology.wa.gov/getattachment/fed0108e-520f-4158-8992-bd5078fae9f1/BrownfieldsFundingOverview.pdf>

What is a Brownfield? What contaminants can be addressed with Brownfields funding?

A brownfield is a property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.



Hazardous
Substances



Petroleum



Asbestos &
Lead Paint



Controlled
Substances
(e.g., Meth
labs)



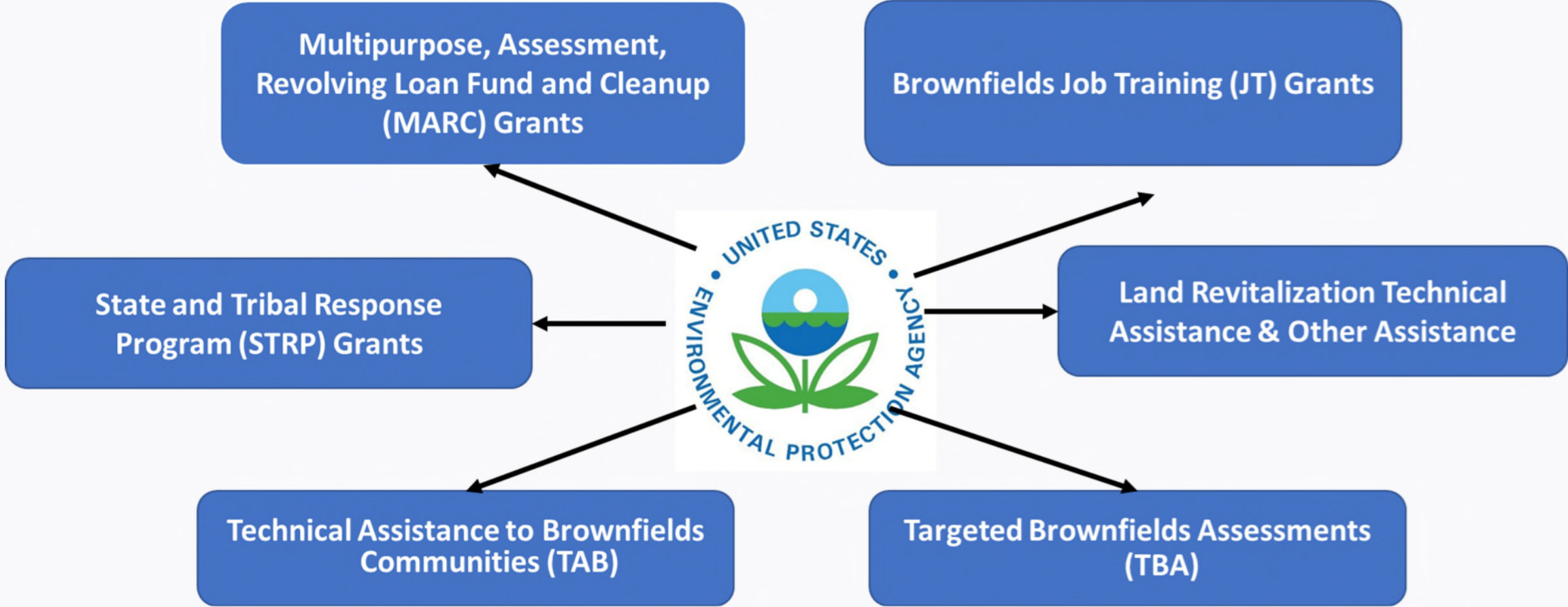
Mine-Scarred
Lands



Other
environmental
contaminants



EPA Brownfields Funding and Technical Assistance Opportunities



EPA Brownfield Funding Eligibility

Multipurpose	Revolving Loan Fund (RLF)*	Assessment	Cleanup	Targeted Brownfields Assessment (a service not a grant)	Job Training	State & Tribal Response Program (STRP)
<ul style="list-style-type: none"> Local Governments Land Clearance Authorities/Quasi-Governmental Entities Under Local Governmental Control State Legislated Government Entities Regional Councils of Government or Group of Local Governments Redevelopment Agency (State Chartered/Sanctioned) States Federally-Recognized Tribes other than Alaska Metlakatla Indian Community Alaska Native Regional Corporations and Alaska Native Village Corporations Intertribal Consortia comprised of eligible Indian Tribes Nonprofits - 501 (c)(3) nonprofits and others consistent with the definition of nonprofit organization at 2 CFR § 200.1 Qualified Community Development Entity (section 45D(c)(1) of the Internal Revenue Code of 1986) 						<ul style="list-style-type: none"> States and Tribes
			Other non-profit organizations			
	*Private Developers as RLF Loan Recipients				<ul style="list-style-type: none"> Workforce Investment Boards Organized Labor Unions 	



FY25 EPA Brownfields Grant Opportunities

Applications due November 14, 2024

**** All estimates are subject to change. EPA reserves the right to award grants at lesser amounts (but cannot exceed award amounts that are indicated in the NOFO). ****

Grant Type	Maximum Project Period	Total Award Amounts	Maximum Amount Per Grant	Estimated # of Awards BIL \$	Estimated # of Awards Regular \$
Assessment (State/Tribes)	5 years	\$36 M	\$2,000,000	18	
Assessment Coalitions	4 years	\$35 M	\$1,200,000		29
Assessment (CW) - New <small>New/Closed Grant in 2016 or Earlier</small>	4 years	\$20 M	\$500,000		40
Assessment (CW) - Existing <small>Existing/Closed Grant in 2017 or later</small>	4 years	\$26 M	\$500,000		52
RLF	5 years	\$15 M	\$1,000,000	15	
Cleanup – up to \$500 K	4 years	\$15 M	\$500,000	30	
Cleanup – up to \$2 M	4 years	\$45 M	\$2,000,000	23	
Cleanup – up to \$4 M	4 years	\$40 M	\$4,000,000	10	



Assessment Grants

funding for brownfield site inventories, planning, environmental assessments, and community outreach

Funding Amount & Project Period in FY2025:

Community-wide (up to \$500,000, up to 4 years)

Assessment Coalitions (up to \$1,200,000, up to 4 years)

Competition Frequency:

Community-wide - annually

Assessment Coalition, Site-Specific, State & Tribal – varies

Planning activities are also eligible under Assessment grants and include:

- Site Reuse Assessment
- Market Evaluation
- Market Analysis
- Infrastructure
- Evaluation
- Land Use Assessment
- Site Design / Reuse Vision
- Redevelopment Planning
- Area-wide Planning



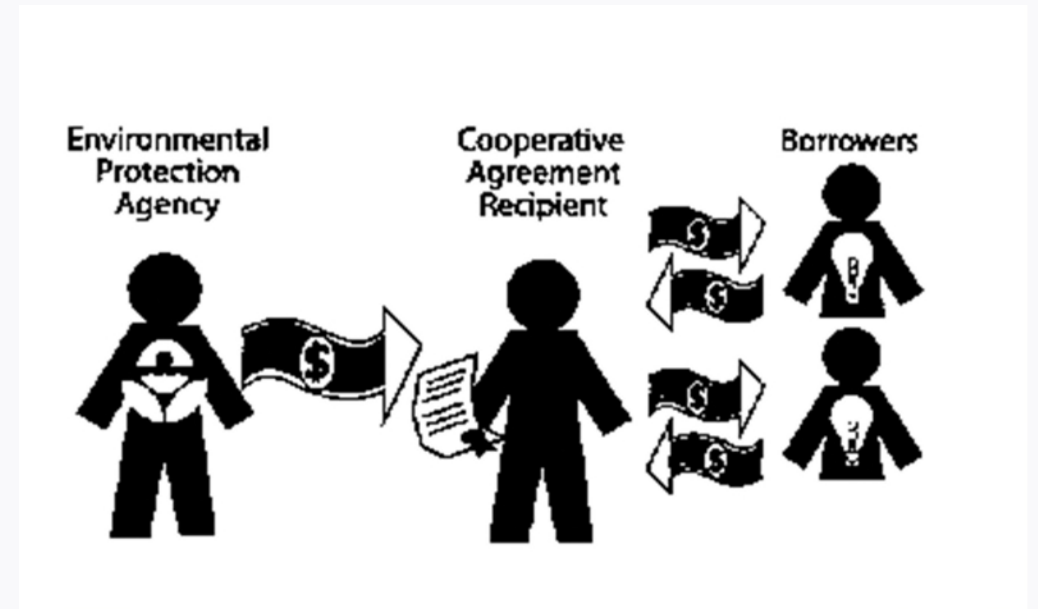
Contact: **Terri Griffith**, Griffith.Terri@epa.gov, 206-553-8511
Meredith Lightbody, Lightbody.Meredith@epa.gov, 206-553-6910



Revolving Loan Fund Grants

funding for a grant recipient to capitalize a revolving loan fund and to provide low interest loans and subgrants to eligible entities to carry out cleanup activities at brownfield sites.

- Funding Amount: Up to \$1M
- Competition Frequency: Varies
- Coalitions may apply
- (Minimum) 50% loans
- (Maximum) 50% subgrants
- Designed to operate for many years
- Project Period: Up to 5 years (may be extended)



Contact: Sarah Frederick, Frederick.Sarah@epa.gov, 206-553-1601



Cleanup Funding

provide funding to carry out cleanup activities at brownfields sites owned by the applicant



FY2025 Funding: An applicant may request

- ✓ **up to \$500,000, or**
- ✓ **up to \$2 million, or**
- ✓ **up to \$4 million**

- Project Period: up to 4 years
- Competition Frequency: Annually
- Must own site at time of application
- Phase II and Analysis of Brownfield Cleanup Alternatives must be completed

Contact: **Terri Griffith**, Griffith.Terri@epa.gov, 206-553-8511
Meredith Lightbody, Lightbody.Meredith@epa.gov, 206-553-6910



Multipurpose Grants

provide funding to conduct a range of eligible assessment and cleanup activities at one or more brownfield sites in a target area

- Not available in FY2025
- Funding amount in FY24: Up to \$800,000
- Project Period: up to 5 years
- Competition Frequency: Varies
- Must have an overall plan for revitalization of that one, discrete area and a feasible reuse strategy for at least one of the priority sites identified in the application.
- Eligible activities include planning and additional community engagement activities.
- Must complete at least one Phase II environmental site assessment, one cleanup, and an overall plan for revitalization.
- Applicants must affirm ownership of at least one site within their target area that meets the definition of a brownfield site by the time of the proposal submittal date.



Contact: **Terri Griffith**, Griffith.Terri@epa.gov, 206-553-8511
Meredith Lightbody, Lightbody.Meredith@epa.gov, 206-553-6910



Targeted Brownfields Assessment (TBA)

EPA performs work on behalf of an eligible requestor using contractor resources



- EPA service rather than a grant program.
- Applications accepted on a rolling basis as resources allow.
- EPA performs work on behalf of an eligible requestor using EPA contractor resources. Eligible requestors include States, Tribes, local governments, and nonprofits.
- Requestors must show community need, have reuse plans, and secure site access.
- Phase I and Phase II environmental site assessments; cleanup options and cost estimates; community outreach.

Contact: Molly Vaughan, vaughan.molly@epa.gov, (907) 271-1215

<http://www.epa.gov/brownfields/targeted-brownfields-assessment-requests-region-10>



Job Training Grants






provide funding to recruit, train, and place unemployed and under-employed residents from communities impacted by brownfields

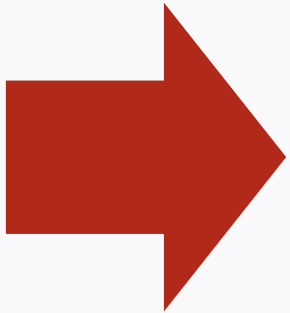
- Must target unemployed and under-employed individuals that are residents living in or near an area adversely impacted by the presence of brownfield sites.
- Ensure that communities benefit from the revitalization and environmental cleanup of brownfields.
- Help graduates develop wider skill sets that improve their ability to secure full-time, sustainable employment in various aspects of hazardous and solid waste management and within the larger environmental field, including water quality improvement and chemical safety.
- Project Period: Up to 5 years
- Up to \$500,000 for each award



Contact: Robert Miller, Miller.Robert01@epa.gov, 206-553-8321

Other Resources

Available from	Resource name	Who is eligible?	Eligible activities	When is it offered	Contact
	Free technical assistance for brownfield communities.^k	Anyone	Visioning, planning, cleanup, redevelopment, more!	Continuous	Joelle Greenland, AICP Joelle.Greenland@cclr.org or info@cclr.org
	Free technical assistance to Tribes working on brownfields^l	Federally recognized Tribes	Visioning, planning, cleanup, redevelopment, more!	Continuous	Tribal TAB team Tribal-TAB@ksu.edu
	Land Revitalization Technical Assistance.^m	Anyone	Planning and reuse assistance, including: labor market and/or economic research, site reuse assessment, financial feasibility and/or implementation plan for site reuse, conceptual site design, Rapid Health Impact Assessment	Continuous	Margaret Olson 503-326-5874 Olson.Margaret@epa.gov
	Other funding sources, including Tribal Response Program https://www.epa.gov/brownfields/grants-and-funding	Varies by grant type	Build strong partnerships and local capacity to prevent, assess, safely clean up and sustainably reuse brownfields	Varies by grant type	Madison Sanders-Curry 206-553-1889 Sanders-Curry.Madison@epa.gov
	Ecology Grants and Loans.^o	Varies by grant type	Varies by grant type	Varies by grant type	Dawn Drake Ecology Grant and Loan Coordinator dawn.drake@ecy.wa.gov
	Commerce Grants and Loans.^p	Varies by grant type	Varies by grant type	Varies by grant type	Central Contracts Office 360-725-3156 CentralContracts@commerce.wa.gov



Region 10 Technical Assistance to Brownfields Communities

Center for Creative Land Recycling (CCLR),

www.cclr.org

Joelle Greenland

(720) 541-0527

joelle.greenland@cclr.org

**Kansas State University Technical Assistance to
Brownfields for Tribes (KSU Tribal TAB),**

www.ksutab.org/tribal-tab

Tribal-TAB@ksu.edu

(785) 532-6519

- Understanding the regulatory process
- Grant writing/reviewing assistance
- Training

- Brownfields financing
- Environmental planning and management
- Peer group support








EPA resources through the **Center for Creative Land Recycling (CCLR)**



CENTER FOR CREATIVE
LAND RECYCLING

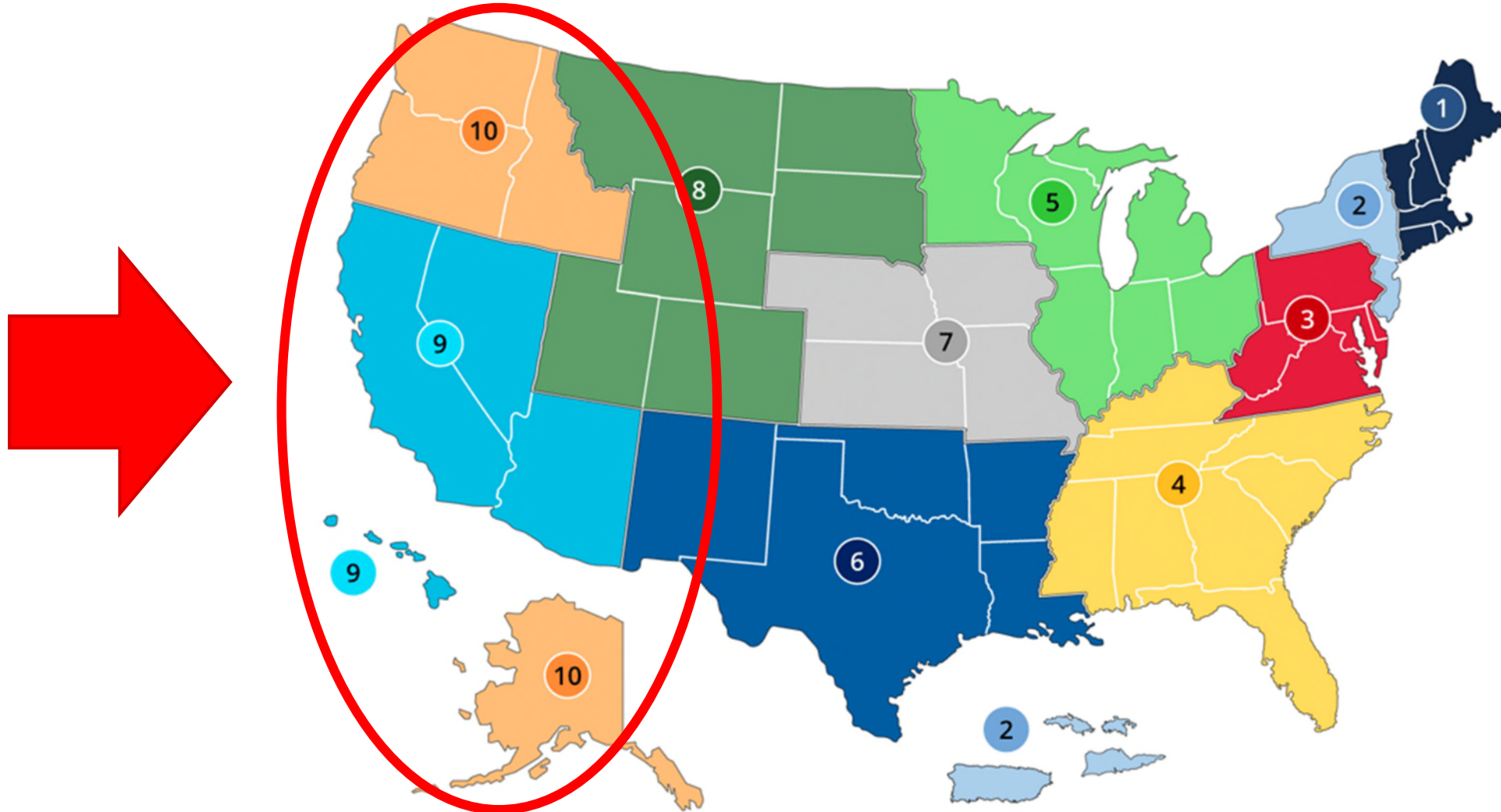
RECLAIM. CONNECT. TRANSFORM.

Other Resources

Available from	Resource name	Who is eligible?	Eligible activities	When is it offered	Contact
	Free technical assistance for brownfield communities.^k	Anyone	Visioning, planning, cleanup, redevelopment, more!	Continuous	Joelle Greenland, AICP Joelle.Greenland@cclr.org or info@cclr.org
	Free technical assistance to Tribes working on brownfields!^l	Federally recognized Tribes	Visioning, planning, cleanup, redevelopment, more!	Continuous	Tribal TAB team Tribal-TAB@ksu.edu
	Land Revitalization Technical Assistance.^m	Anyone	Planning and reuse assistance, including: labor market and/or economic research, site reuse assessment, financial feasibility and/or implementation plan for site reuse, conceptual site design, Rapid Health Impact Assessment	Continuous	Margaret Olson 503-326-5874 Olson.Margaret@epa.gov
	Other funding sources, including Tribal Response Program https://www.epa.gov/brownfields/grants-and-funding	Varies by grant type	Build strong partnerships and local capacity to prevent, assess, safely clean up and sustainably reuse brownfields	Varies by grant type	Madison Sanders-Curry 206-553-1889 Sanders-Curry.Madison@epa.gov
	Ecology Grants and Loans.^o	Varies by grant type	Varies by grant type	Varies by grant type	Dawn Drake Ecology Grant and Loan Coordinator dawn.drake@ecy.wa.gov
	Commerce Grants and Loans.^p	Varies by grant type	Varies by grant type	Varies by grant type	Central Contracts Office 360-725-3156 CentralContracts@commerce.wa.gov

Center for Creative Land Recycling (CCLR) “See Clear”

Technical Assistance to Brownfields Communities in Regions 9 and 10



Source: USEPA at <https://www.epa.gov/brownfields/brownfields-near-you> :

Center for Creative Land Recycling (CCLR) “See Clear”

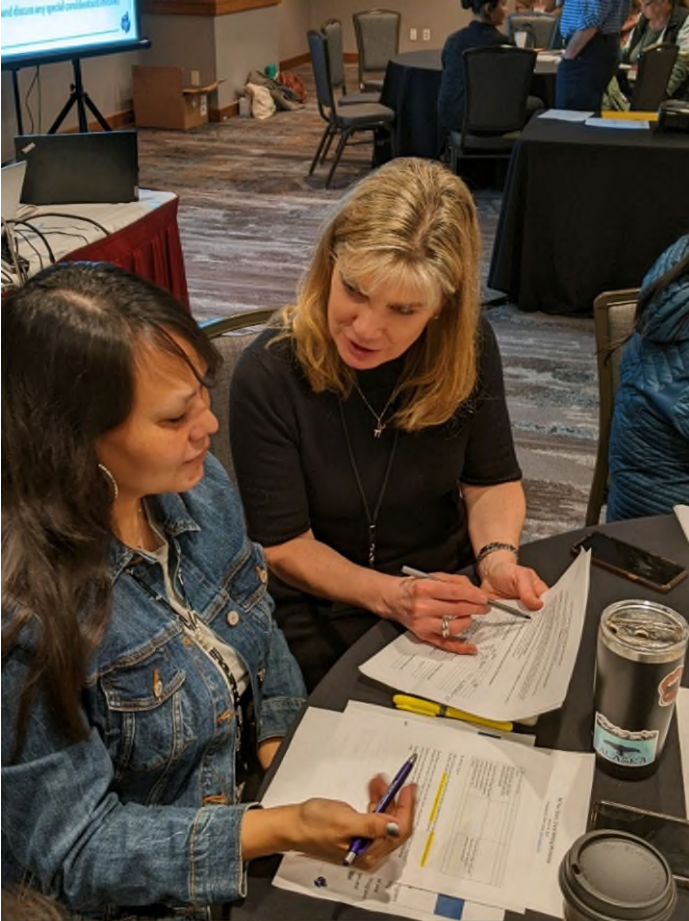
- National non-profit promoting the sustainable, equitable and responsible reuse of underutilized and environmentally impacted properties
 - Educate, advocate, assist and convene stakeholders to revitalize communities through land recycling
 - Technical Assistance to Brownfields Communities provider R9 & R10
- ✓ Services are **FREE**
 - ✓ Visioning & Planning
 - ✓ Redevelopment process
 - ✓ Environmental “Translations”
 - ✓ Economic Development
 - ✓ Grant Writing Assistance & Reviews
 - ✓ Grant Management & Reporting
 - ✓ Webinars, workshops, trainings, national conferences, online resources



Subscribe to CCLR Newsletter at
<https://www.cclr.org/email-list>

Schedule a call or reach out at
info@cclr.org

How CCLR can help: Grant review



- Help you plan out your application narrative approach
- Help you engage stakeholders and partners
- Help you navigate CEJST, EJ Screen, and other data platforms
- Connect you to grantees that have had success in applying for and managing MARC grants
- Provide resources to help you navigate the application process and craft a compelling narrative
- **Provide a thorough review of your application including multiple rounds of edits**

Resources relevant to FY2025 ARC

1. EPA's MARC webpage

Including anticipated FY2025 award amounts; updates from the 2025 solicitation; and guidelines, FAQs, and webinars from the FY2024 solicitation.

<https://www.epa.gov/brownfields/marc-grant-application-resources>

2. CCLR's Tips on Getting Started with MARC

Including tips for success and key FY2025 solicitation updates

<https://www.cclr.org/expert-advice/cclrs-tips-for-getting-started-now-on-fy24-epa-brownfields-grants>

3. Successful EPA MARC grant examples

<https://www.cclr.org/about-us/successful-epa-brownfield-grant-examples>

4. CCLR's video webinar on writing a MARC application: Return of the MAC

During a year when only Multipurpose, Assessment, and Cleanup grants were offered

<https://www.youtube.com/watch?v=g8a0RhtOkoQ&t=3s>

5. Technical Assistance to Brownfield (TAB) Communities Providers

https://www.epa.gov/system/files/documents/2023-11/tab-brochure_2023.pdf

CCLR helps you explore other sources

- ☑ Grants
- ☑ Tax credits
- ☑ Tax increment finance
- ☑ Public private partnership
- ☑ Subsidized loans
- ☑ Other federal programs
- ☑ Investors/lenders
- ☑ Federal or state tax incentives
- ☑ Local funding (crowdsourcing)
- ☑ Developer

Connect with CCLR



1. Scan the QR code to schedule a call
2. Reach out at info@cclr.org
3. Subscribe to CCLR Newsletter at <https://www.cclr.org/email-list>



Brownfields 2025

Sustainable Communities Start Here

gobrownfields.org

McCORMICK PLACE
CHICAGO, ILLINOIS
AUGUST 5-8, 2025

Thank You!



EPA Region 10 Brownfields Program: <https://www.epa.gov/brownfields/r10>

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Molly Vaughan

Vaughan.Molly@epa.gov

907-271-1215







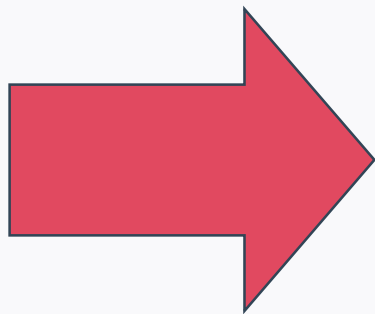
Artist: *Christy McDonald,*
Alaska Native Tribal Health Consortium

Brownfields funding opportunities from **Washington Dept. of Commerce**



Washington State
Department of
Commerce

Available from	Funding type	Who is eligible?	Eligible activities	Cost share?	When is it offered?	Contact
 DEPARTMENT OF ECOLOGY State of Washington	Integrated Planning Grant (IPG)^a	Local government	Planning, assessment	None	Competitive, solicitation every two years	Elaine Heim or Ali Furmall Elaine.Heim@ecy.wa.gov Ali.Furmall@ecy.wa.gov
	State Response Program (SRP) and Brownfields Flexible Funding^b	Local government, Tribes, nonprofit	Planning, assessment, limited cleanup	None	Continuous, based on available funding	Tina Hochwender or Ali Furmall Tina.Hochwender@ecy.wa.gov Ali.Furmall@ecy.wa.gov
	Independent Remedial Action Grant (IRAG)^c	Local government	Assessment, cleanup	25–50%	Competitive, solicitation every year	Laurie Dahmen Laurie.Dahmen@ecy.wa.gov
	Oversight Remedial Action Grant (ORAG)^d	Local government	Assessment, cleanup	10–50%	Competitive, solicitation every two years	Laurie Dahmen Laurie.Dahmen@ecy.wa.gov
	Affordable Housing Cleanup or Planning grant^e	Anyone	Planning, assessment, cleanup	0–25%	Competitive, solicitation every two years	Elizabeth Court, AICP Elizabeth.Court@ecy.wa.gov
 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY	EPA Multipurpose, Assessment, Revolving Loan Fund, and Cleanup Grants (MARC)^f	Local government ¹ , Tribes, nonprofit	Planning, assessment, cleanup (varies by grant type)	Varies by grant type	Competitive, solicitation every fall	Terri Griffith 206-553-8511 Griffith.Terri@epa.gov
	EPA Targeted Brownfields Assessment (TBA) services^g	Local government, Tribes, nonprofit	Assessment	None	Continuous, based on available funding	Molly Vaughan 907-271-1215 Vaughan.Molly@epa.gov
	EPA Brownfields Job Training Grants^h	Local government, Tribes, nonprofit, other organizations	Training	None	Competitive, solicitation varies	Robert Miller or Meredith Lightbody Miller.Robert01@epa.gov Lightbody.Meredith@epa.gov
 Washington State Department of Commerce	Commerce Brownfields Revolving Loan Fund (BRLF) Loanⁱ	Local government, nonprofit, Tribes, private entity	Cleanup	None	Continuous, based on available funding	Bridget Paris 360-870-9288 Bridget.Paris@commerce.wa.gov
	Commerce BRLF Program Grant	Local government, nonprofit, Tribes	Assessment, planning	None	Continuous, based on available funding	Bridget Paris 360-870-9288 Bridget.Paris@commerce.wa.gov
 P L I A STATE OF WASHINGTON	Pollution Liability Insurance Agency UST Loan and Grant Program^j	Owners/operators of underground storage tanks (including private entities and heating oil tanks)	Assessment, cleanup, infrastructure	Varies	Accepting applications for heating oil only every six months	Jamie Hays 360-407-0518 Jamie.Hays@plia.wa.gov



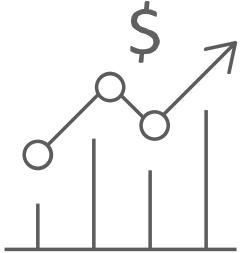
We strengthen communities



**HOUSING
HOMELESSNESS**



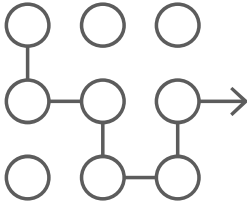
INFRASTRUCTURE



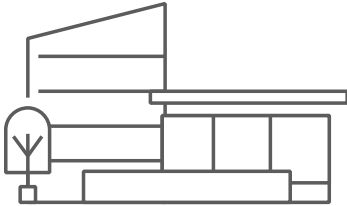
**BUSINESS
ASSISTANCE**



ENERGY



PLANNING



COMMUNITY FACILITIES



**CRIME VICTIMS
& PUBLIC
SAFETY**



**COMMUNITY
SERVICES**

Washington State Brownfields Revolving Loan Fund (BRLF) Program

Commerce's BRLF program provides low interest loans to local governments, non-profits, tribes, ports, and private businesses undertaking cleanup of contaminated properties.



EPA RLF Bipartisan Infrastructure
Funding
New Award: \$3,900,000



Eligible Costs

- Excavation, consolidation, or removal of contaminated soils from drainage or other areas
- Containment, treatment, and disposal of hazardous materials (including asbestos & lead-based paint).
- Removal of drums, barrels, tanks, or other bulk containers that contain or once contained hazardous substances.
- Site monitoring, including sampling and analysis necessary during the cleanup process.
- Phase I & II Environmental Site Assessments and cleanup planning activities. (Only available if Ecology or EPA funding is not available & dependent upon project readiness.)

Eligible Properties (1 of 2)

Must meet **ALL** the following criteria:

1. Applicants must own property or be a prospective purchaser with site access
2. Must not be a responsible party as defined under CERCLA, Section 107(a)
3. Must conduct All Appropriate Inquiry (AAI) in accordance with EPA AAI Final Rule or ASTM E1527-21 (or the most current version). AAI must be completed **NO MORE THAN 6 months** prior to property acquisition (due diligence), if claiming protection from liability

Eligible Properties (2 of 2)

Must meet ALL the following criteria:

4. Properties must be idled, underutilized, or abandoned as a result of real or perceived contamination
5. Property must be entered into the Voluntary Cleanup Program and identified on, or be added to, Ecology's Confirmed and Suspected Contaminated Sites database
6. The cleanup must be completed within 12 months from the date removal activities begin on site
7. Redevelopment must have a public benefit and a community involvement component. A site reuse or redevelopment plan should be developed

Sites not eligible for BRLF funding

- Sites proposed or listed on the National Priorities List (Superfund)
- Facilities subject to orders under CERCLA
- Facilities that are subject to the jurisdiction, custody or control of the US government (except land held in trust for Indian Tribes)

Eligibility can be complicated. Contact us.

BRLF Program funding

- Applications are considered on an ongoing, first-come, first-served basis
- This is not a competitive selection process
- Maximum grant amount is \$500,000
- Discounted loan (forgivable loan) up to 50% of the total loan, not to exceed \$500,000
- * (Private, for profit entities not eligible for grants or discounted loans.)
- Maximum term of the loan is preferably 5 years or less
- Interest rate is negotiated by project need

Successful Brownfield Projects



- Strong partnerships
- Reuse in mind
- State (or Tribal) environmental program coordination = oversight
- Community is engaged
- Considerations for sustainability and climate change impacts in cleanup and redevelopment

Brownfields Projects: Good for the environment. Good for communities.

BEFOR



AFTER



Palouse: A Brownfields Success Story

BEFORE



AFTER



The Palouse Producers Brownfield Site won a 2023 Small Site and Community Impact Phoenix Award for excellence in brownfield redevelopment presented by the International City/County Management Association (ICMA).

To learn more about the
Washington State BRLF,
please contact:

Bridget Paris

PROGRAM MANAGER, BRLF

bridget.paris@commerce.wa.gov

360.870.9822



Washington State
Department of
Commerce

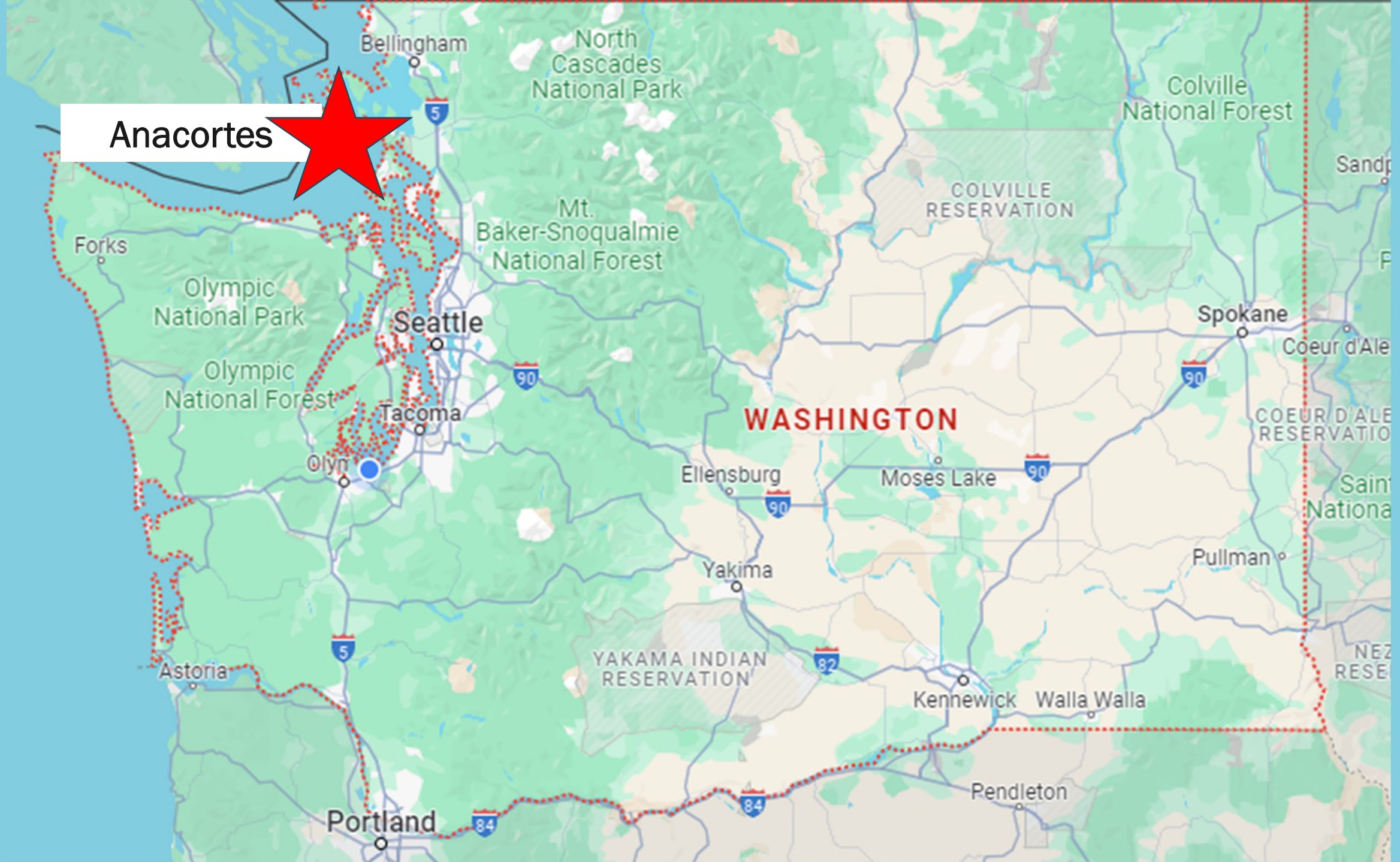
www.commerce.wa.gov



Quiet Cove case study in Anacortes, Washington



Anacortes

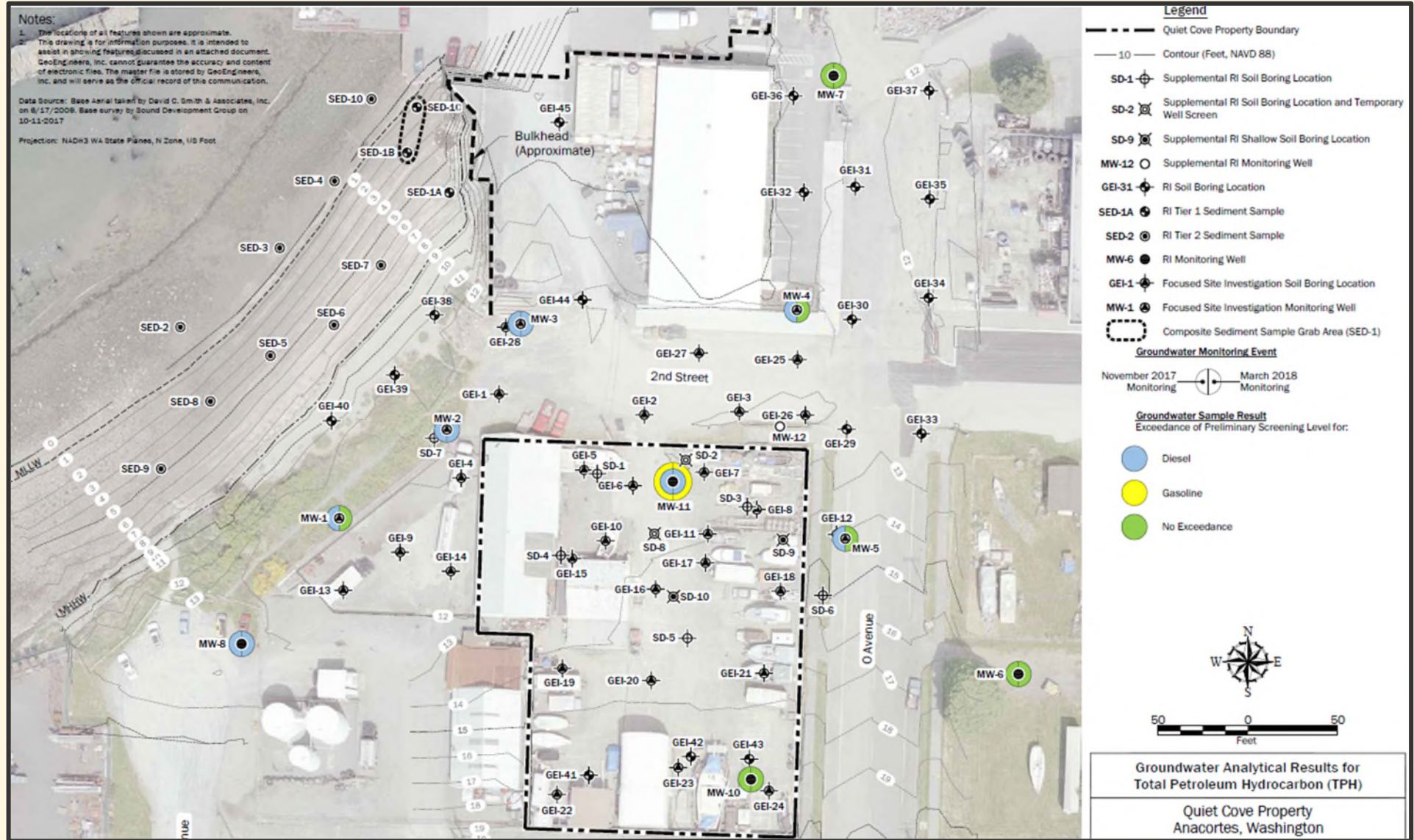


Quiet Cove: Steps toward redevelopment

- 1. Conducted a dot exercise**
- 2. Held an open house**
- 3. Derived three redevelopment options:**
 - Parking
 - Warehouse space
 - Or combination

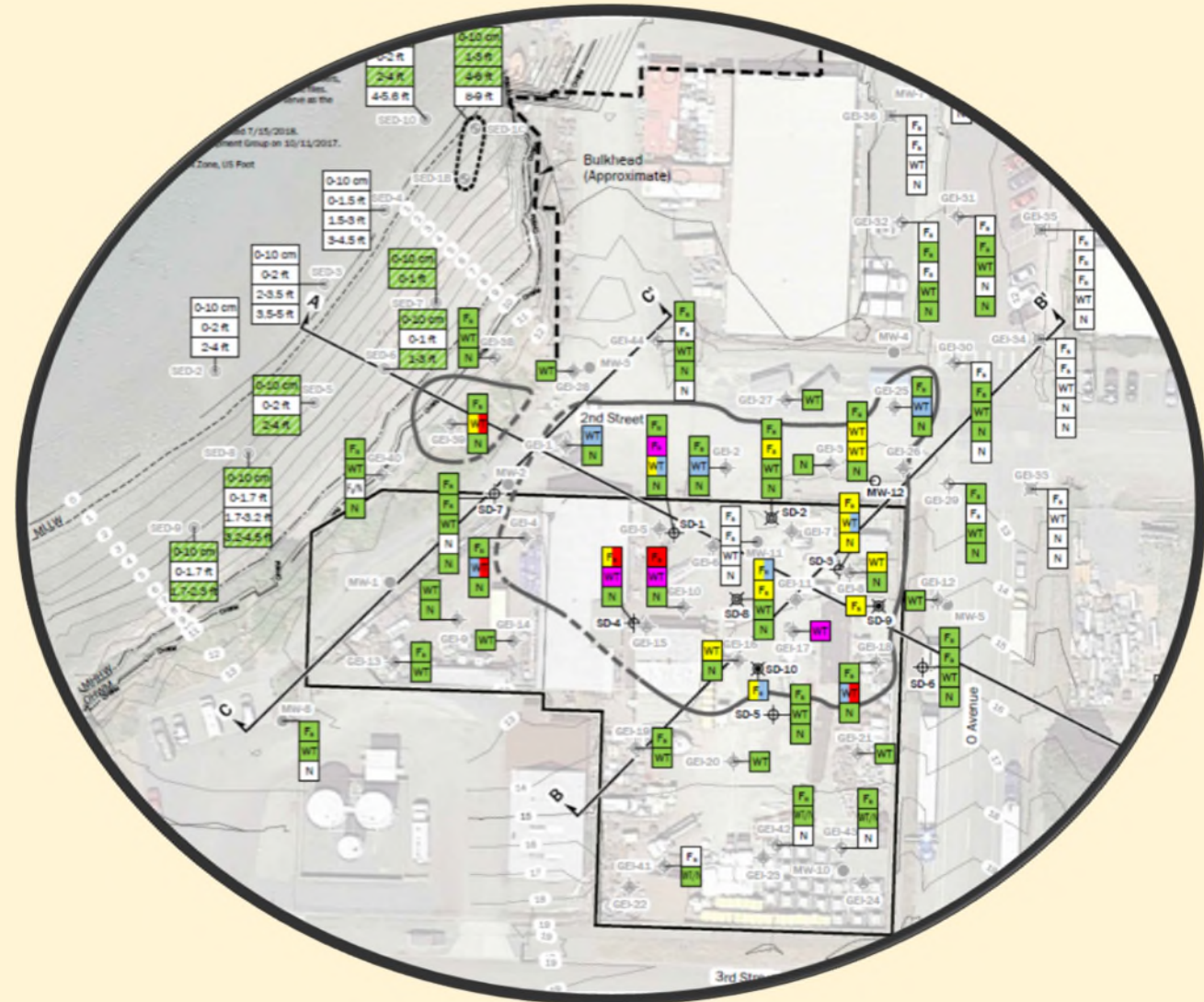
Remedial Investigation (RI)

- Petroleum and metals in groundwater
- Metals and PAHs in soils and sediment



Remedial Investigation (RI)

- Source mostly defined
- Dotted lines are unknown
- Additional RI needed
- Received Remedial Action Grant (RAG) from Ecology
- Entered into Agreed Order

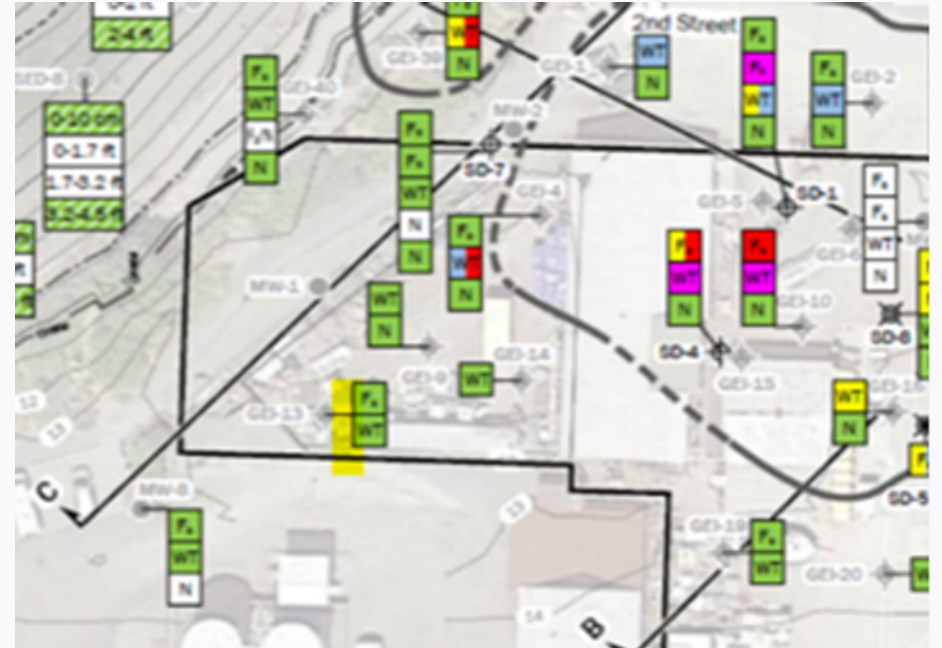


Interim action to...

1. Clean up source of petroleum, metals, and PAHs within the **property** boundary

and

2. Provide additional information to complete Remedial Action / Feasibility Study (RI/FS)



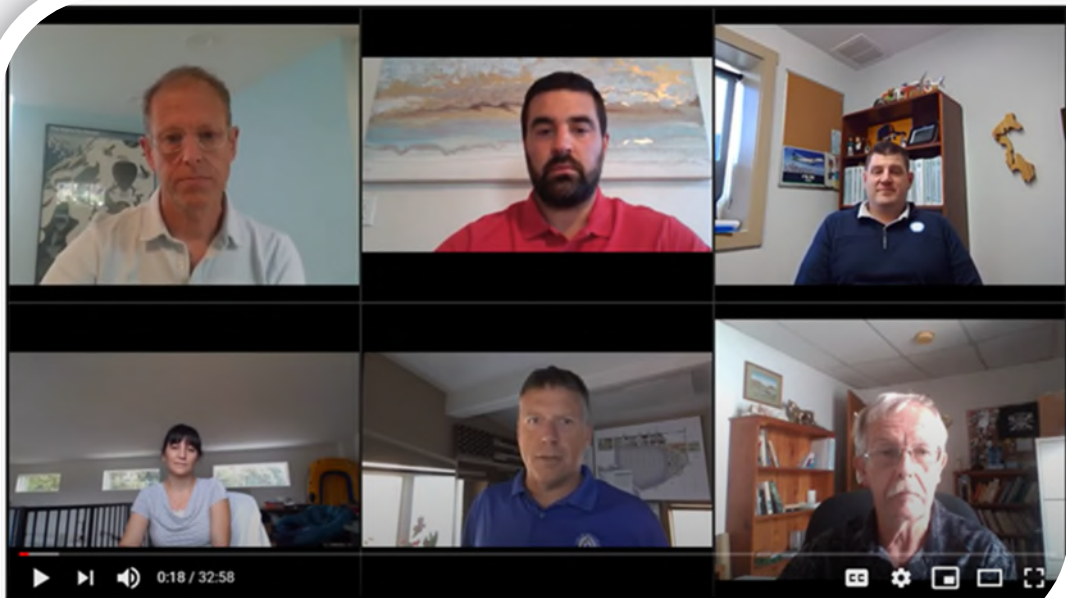
Pre-construction planning

- ✓ Stay within dry season window
- ✓ Golden shovel ceremony
- ✓ Time is money
- ✓ Be ready to make quick decisions



Public involvement

Golden shovel ceremony



Quiet Cove Environmental Remediation Media Event

Port of Anacortes' mission

- Keep and create jobs during crisis
- Environmental stewardship and economic growth are not mutually exclusive
- Keep a very interested community “in the know”
- Acknowledgement and gratitude

Cleanup action

- **953 tons**
demolition debris
- **98 tons**
dangerous waste soil
- **19,966 tons or
12,300 cubic yards**
contaminated soil
- **616,932 gallons**
treated wastewater



Government to Government

- Give updates to interested Tribes as requested
- Participate in joint outreach events
- Work closely on cultural resource planning and discoveries
- Acknowledgement and gratitude



Quiet Cove: PLP's perspective

- The project benefitted from the long-standing relationship between the Port and Ecology. Over the years, Port staff and their consultants had worked together with Ecology through challenging issues.
- As the pandemic set in and it was understood Ecology oversight would be remote, Ecology and the Port developed a list of potential “what-ifs” and how to approach/document foreseeable construction challenges.
- Everyone was committed to being on-call for the duration of the project. Consistent availability for phone consultations and diligent follow-up were critical to real-time decision making and therefore project success.
- The Port understood that Ecology has an internal review process and therefore crafted our documentation to facilitate Ecology’s internal conversations resulting in timely response and efficient work flow.



For questions about Quiet Cove...

Arienne Fernandez

Brownfields Toxicologist

Toxics Cleanup Program

Washington Dept. of Ecology

(360) 704-0173

arianne.fernandez@ecy.wa.gov

Key takeaways for navigating cleanup and redevelopment

1. Brownfields resources exist at every step of Washington's Model Toxics Control Act (MTCA) cleanup process.
2. Develop strong partnerships and communication strategies.
3. We work together to help get your projects across the finish line!



We invest in Washington's communities
so people and local economies can thrive.



DEPARTMENT OF
ECOLOGY
State of Washington



1. Subscribe to our newsletters and email lists
2. Invite us to present to your councils & constituents
3. Contact us for more information or to discuss a brownfield in your community





Ecology's brownfield newsletter:
<https://ecology.wa.gov/brownfields-list>



EPA news releases:
<https://www.epa.gov/newsroom/email-subscriptions-epa-news-releases>



Commerce's announcements:
Visit <https://www.commerce.wa.gov/about-us/>,
then scroll to the bottom to subscribe



CCLR's newsletter:
<https://www.cclr.org/email-list>

Rules directing our cleanup work:

<https://ecology.wa.gov/spills-cleanup/contamination-cleanup/rules-directing-our-cleanup-work>

Toxics cleanup policies:

<https://ecology.wa.gov/Regulations-Permits/Plans-policies/Toxics-cleanup-policies>

Two great resources:

[Contaminated Property Considerations: Focus on Real Estate Transactions](#)

[Contaminated Property Considerations Focus on Hiring an Environmental Consultant](#)

Model Toxics Control Act

MTCA Cleanup Regulation
Chapter 173-340 WAC

Model Toxics Control Act
Chapter 70A.305 RCW

Uniform Environmental Covenants Act
Chapter 64.70 RCW



Revised January 2024
Publication No. 94-06

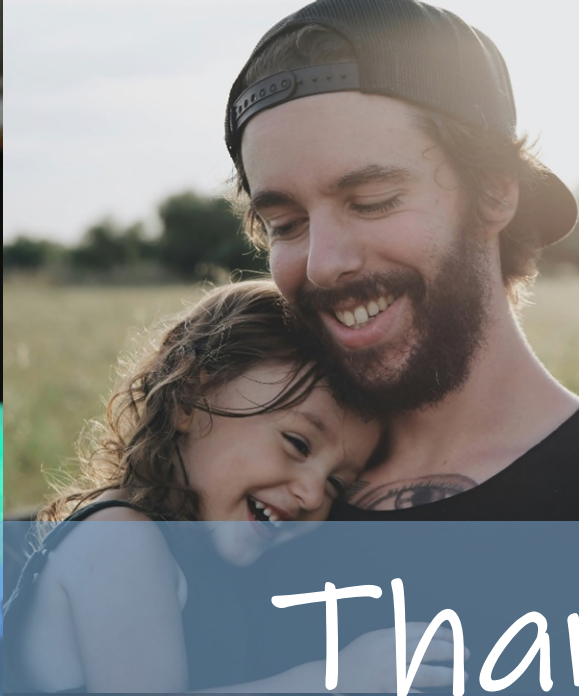
Mapping tools

- EPA's EJScreen: <https://ejscreen.epa.gov/mapper/>
- EPA's Climate and Economic Justice Screening Tool: <https://screeningtool.geoplatform.gov/en/>
- Washington Tracking Network: <https://fortress.wa.gov/doh/wtn/WTNIBL/>
- Washington OFM overburdened communities: <https://geo.wa.gov/datasets/wa-ofm::overburdened-communities-of-washington-state/explore>
- Ecology AQ overburdened communities: <https://ecology.wa.gov/Air-Climate/Climate-Commitment-Act/Overburdened-communities>
- CDC/ATSDR Social Vulnerability Index: https://www.atsdr.cdc.gov/placeandhealth/svi/interactive_map.html



Questions?





Thank you!



Speaker bios



Elaine Heim is the Brownfields Communications Planner and a technical editor with the Toxics Cleanup Program at the Washington Department of Ecology. She has a bachelor's in zoology, a master's in strategic communication from Washington State University, and more than 20 years of experience protecting public health and the environment. Elaine and her team work to empower the true brownfield heroes: those who want to turn blighted properties into sparkling assets for their community's benefit.



Sarah Frederick serves as the Washington Brownfields State Coordinator and a Senior Brownfields Project Manager with the U.S. Environmental Protection Agency (EPA) Pacific Northwest Region. In this position, she works with local and state agencies to help communities access resources to assess, safely clean up and sustainably reuse contaminated, or potentially contaminated, properties. She has a bachelor's in geology, a master's in geography from the University of Arizona, and over seven years' combined experience working for state and federal agency programs protecting public health and the environment.



Bridget Paris serves as the Program Manager for the Washington State Brownfields Revolving Loan Fund at the Department of Commerce. She has over a decade of experience working with local governments, and over ten years of grant, contract and project management experience. In her free time, she enjoys partaking in the great PNW outdoors with her husband, and also enjoys quiet downtime at home cooking and reading alongside their two cats.