

Brownfields Response Program

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April 2019
Brownfields 101



The Program Basics

- What are brownfields?
- What funding opportunities are available?
- What can you do with the Response Program funding?
- What other types of assistance is there?
- Contacts and where to learn more?



What are “brownfields”?

Defined as “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.”

Includes: “mine-scarred lands”, property contaminated by “controlled substances” (e.g., meth labs), and petroleum

Examples: abandoned gas stations, illegal dump sites, abandoned fish processing or mill facilities, hospitals, dry cleaners



What are not brownfields?

- Sites listed on the National Priorities List (NPL) or those proposed for listing
- Sites where there has been an administrative order under CERCLA
- Sites under the jurisdiction, custody, or control of the US (military bases, etc)
(This does NOT include land held in trust for tribes)



What resources are available?

EPA has three primary resources:

Capacity Building

- State & Tribal Response Program Grants (128(a))

Competitive Grants

- Assessment, Cleanup, Revolving Loan Fund
- Job-training Grants

Technical Assistance

- Targeted Brownfields Assessments



State & Tribal Response Program Funding

- What is it for?
 - To “establish and enhance” a response program
- Who is eligible?
 - Any federally recognized Indian tribe
 - States
- Is it a competition?
 - No, it’s a non-competitive application, but sharing it with 50 states, other tribes, and territories
 - Next date of application – Fall of 2019 – due mid December of 2019



Response Program – What can you do with the funding?

- Primary Purpose: to “establish or enhance” a response program
 - States and Tribes define it’s “response program”
 - Allowable activities are broad and include:
 - Hiring staff, developing regulations, ordinances, plans, outreach, community involvement, training, etc.



Response Program – Use of funding cont.

- Secondary use – Site-specific activities
 - Conducting assessment and cleanup activities
 - Must be at brownfields sites
 - EPA expects to see established programs, before cleanup occurs – need capacity to manage a cleanup
 - Site-specific work keeps in line with the “polluter pays” principle



Response Program - Requirements for Funding

- Eligible tribes willing to develop a response program that includes:
 - taking steps to meet the “four elements”
 - establish and maintain a “public record

Programs must demonstrate meeting these requirements after first year of funding to qualify for additional funding.

- Cooperative Agreement reporting requirements.
- No Cost Share requirement.



Response Program – The Key Elements

- Timely survey and inventory of brownfields sites (creating a list of potentially contaminated sites)
- Oversight and enforcement authorities or other mechanisms, and resources, that are adequate to ensure that a response action will protect human health and the environment (involved in oversight of local cleanups or assessments – coordination with ADEC as an example)



Key Elements Cont'd

- Mechanisms and resources to provide meaningful opportunities for public participation (outreach to community on Brownfields and what your program is accomplishing)
- Mechanisms for approval of cleanup plans & cleanups are complete. (in AK, coordination with ADEC contaminated sites program)



Response Program - The “Public Record”

- In order to continue receiving funding, the tribe must establish and maintain a “public record” of sites detailing...
 - response actions completed in the previous year, ongoing, and those planned to be addressed in the upcoming year
 - Must also identify whether or not the site, on completion of the response action, will be suitable for unrestricted use and, if not, identifies the institutional controls relied on in the remedy.



Examples of Program Activities

- BF Inventory updates and research
- Council presentation on BF Response Program and activities
- Attend training and conferences which focus on furthering brownfields knowledge
- Get involved with local assessment and cleanup work to share the information with your community and have oversight
- Yearly public record updates (record of ongoing assessments and cleanups)
- Applying for Targeted Brownfield Assessments for sites with reuse in mind



What are the other resources are available?

Competitive Grants

- Assessment, Cleanup, Revolving Loan Fund
- Job-training Grants

- Federally Recognized Tribes of AK (excluding Metlakatla) are not eligible to apply

- Response Program funding may be used for staff to coordinate and partner with eligible entities (AK Native Regional Corporations or AK Native Village Corporations) to apply for EPA Brownfields Competitive Grants



What are the other resources available?

Targeted Brownfields Assessments (TBA)

- This is a service by EPA Region 10 Brownfields Program, not a grant
- Brandon Perkins is the R10 EPA TBA Coordinator
- His contact info: perkins.brandon@epa.gov or 206 553-6396





Brownfields in Region 10

Serving the people of Alaska, Idaho, Oregon, Washington and 270 Native Tribes

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Targeted Brownfields Assessments



Rainier Court

[What is a TBA?](#)

[Who is eligible to apply?](#)

[How to apply?](#)

[Application Assistance?](#)

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Rainier Court

What is a Targeted Brownfields Assessment (TBA)? [\(Top\)](#)

A Targeted Brownfields Assessment (TBA) is a study conducted by EPA to determine the nature and extent of contamination. If requested, the assessment may also include an analyses of options and cost estimates associated with these options. This assessment work will be conducted by environmental consultants already under contract with EPA. The value of these is assessments is approximately \$50,000.

Who is Eligible to Apply? [\(Top\)](#)

These environmental site assessments are available to public, quasi-public or non-profit entities (such as, municipalities, tribal governments and community development organizations) interested in redeveloping abandoned or underutilized properties. To qualify for an assessment, there must be a potential release of hazardous substances at the site.

EPA will generally approve expenditures for targeted Brownfields assessments when the property is publicly held. If a public or non-profit entity is aware of a Brownfields site that is privately held but has potential for redevelopment that will offer significant public benefit, EPA will consider spending TBA funds at the site. The EPA's selection process will be aimed at projects where a party has concrete redevelopment plans for the site once the assessment is complete. Redevelopment can involve the creation of commercial, industrial, recreational or conservation uses.

How to Apply [\(Top\)](#)

If you are interested in receiving assistance from EPA in the form of a Brownfields Targeted Site Assessment, you should complete the [attached questionnaire](#) and return it to EPA at the following address: [read about .pdf](#)

TARGETED BROWNFIELDS SITE ASSESSMENTS
c/o Joanne LaBaw
U.S. Environmental Protection Agency - Region 10
1999 Sixth Ave., Suite 900 (EPA 115)



What are the other resources available?

- ❖ EPA Technical Assistance to Brownfields (TAB) Communities Program
 - ❖ Ignacio Dayrit of CCLR Center for Creative Land Recycling
 - ❖ <http://cclr.org>
 - ❖ Ignacio.Dayrit@cclr.org
- ❖ EPA Tribal Technical Assistance to Brownfields (TAB) Program
 - ❖ Joy Britt and Bailey Richards of Alaska Native Tribal Health Consortium (ANTHC) partnering with Blase Leven of Kansas State University (KSU)
 - ❖ www.ksutab.org
 - ❖ jdbritt@anthc.org
 - ❖ bkrichards@anthc.org
 - ❖ baleven@ksu.edu



What are the other resources available?

- ❖ EPA Environmental Workforce Development Job Training Grantees (EWDJT) in AK
 - ❖ Lynn Zender of Zender Environmental
 - ❖ www.zendergroup.org
 - ❖ lzender@zendergroup.org
 - ❖ Kurt Eilo of AK Forum on the Environment
 - ❖ <http://www.akforum.org>
 - ❖ keilo@akforum.org



AK Assistance – ADEC State Response Program

- ❖ Provide technical assistance and training
- ❖ Provide regulatory guidance
- ❖ Provide grant assistance
- ❖ Provide community outreach assistance
- ❖ Provide contracted assessment and cleanup services
- ❖ Project oversight
- ❖ Manage state website of contaminated sites
- ❖ Coordinate with other state agencies
- ❖ Organize annual STRP gathering for information sharing



Region 10 Contacts

Susan Morales, Brownfields Coordinator

Seattle Regional Office

(206) 553-7299

Morales.susan@epa.gov

Brandon Perkins, Brownfields Targeted Brownfields Assessment (TBA) Coordinator

Seattle Regional Office

(206) 553-6396

Perkins.brandon@epa.gov

Mary Goolie, Brownfields Project Officer, State Tribal Response Program Lead

Alaska Operations Office

(907) 271-3414

Goolie.mary@epa.gov

Regional website – Search “R10 Brownfields”

<http://yosemite.epa.gov/R10/CLEANUP.NSF/sites/bf>

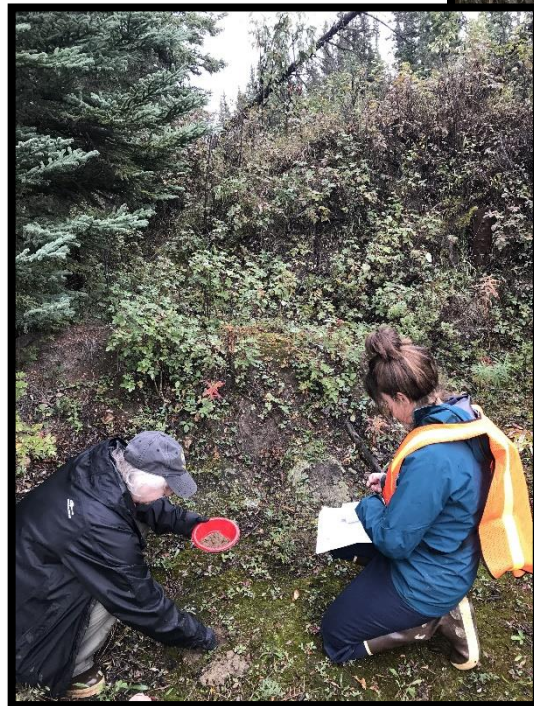


DEC Brownfields Resources

Christy Howard
Alaska Department of Environmental Conservation
STRP Workshop 2019




DEC State Response Program



DEC Technical Assistance

- ❖ Provide technical assistance and training
- ❖ Provide regulatory guidance
- ❖ Provide grant assistance
- ❖ Provide community outreach assistance
- ❖ Provide contracted assessment and cleanup services
- ❖ Project oversight
- ❖ Manage state website of contaminated sites
- ❖ Coordinate with other state agencies
- ❖ Organize annual STRP gathering for information sharing

DEC Contaminated Sites Database



Division of Spill Prevention and Response
CONTAMINATED SITES

[REGULATIONS AND TECHNICAL GUIDANCE](#) [SECTION PAGES](#) [JOIN EMAIL LISTS](#) [PUBLICATIONS](#)

You Are Here: [DEC](#) / [SPAR](#) / Contaminated Sites

WELCOME

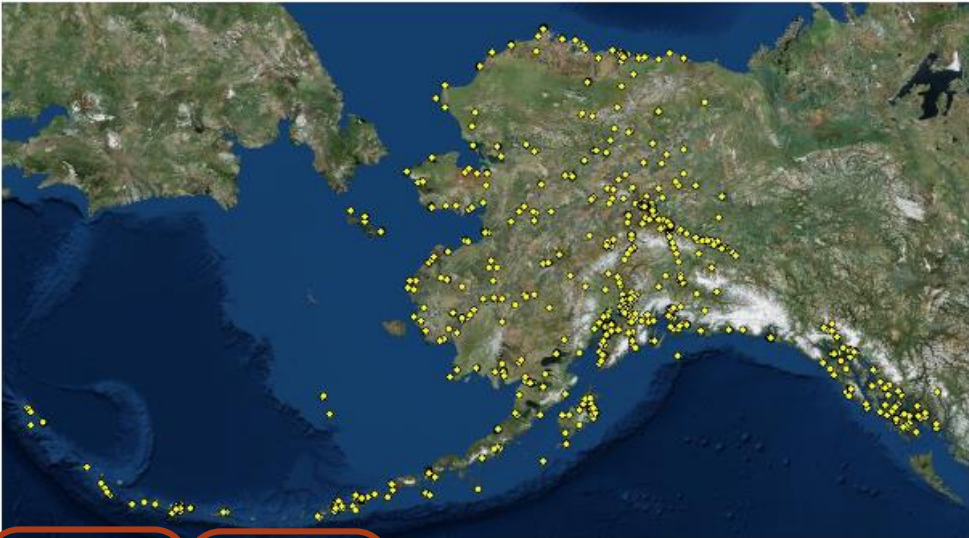
The Contaminated Sites Program protects human health and the environment by managing the cleanup of contaminated soil and groundwater in Alaska.


Program Manager: John Halverson
907-269-3094
[Contact Information](#)

POPULAR CONTENT


- [Proposed Cleanup Levels for Per- and Polyfluoroalkyl Substances \(PFAS\)](#)
- [Per- and Polyfluoroalkyl Substances \(PFAS\)](#)
- [Approved labs](#)
- [Qualify as an Environmental Professional or Sampler](#)

Find a Contaminated Site in Alaska







Search Map



Search Database



High Interest Sites



Technical Guidance

Underground Storage Tanks (UST)

Database

Alaska Department of Environmental Conservation
SPILL PREVENTION AND RESPONSE

DEC State of Alaska

CONTAMINATED SITES PREVENTION PREPAREDNESS & RESPONSE RESPONSE FUND ADMIN REPORT

arcGIS Alaska DEC Contaminated Sites

You are here: DEC / SPAR / CSP / SPAR Online Services / Contaminated Sites Search

CONTAMINATED SITES SEARCH

Site Name ?

Hazard ID ?

Status ?

Street Address ?

Zip Code ?

File ID ?

Record Key ?

Event ID ?

Site Type ?

City ?

Borough ?

LUST Only ?

Legend

- Contaminated Sites
 - Active
 - Cleanup Complete
 - Cleanup Complete - Institutional Controls
 - Informational

Map showing Alaska with numerous contaminated sites marked by colored symbols (red triangles, green triangles, yellow circles) across the state. The map includes labels for various locations such as Kotzebue Sound, Norton Sound, Bristol Bay, Kuskokwim Bay, Cook Inlet, and Chukchi Sea. The map is overlaid on a Bing satellite view.

© 2017 Microsoft Corporation. Earthstar Geographics, Inc. © 2017 HERE. ESRI, DECEDEC, DEC, Alaska Department of Environmental Conservation, Contaminated Sites Program. esri

DEC Brownfields Assessment & Cleanup (DBAC)

- ❖ Assessment or cleanup for **eligible brownfields properties**
- ❖ Competitive statewide
- ❖ October 15th – March 1st



<http://dec.alaska.gov/spar/csp/brownfields/assessment-cleanup>

Eligible Applicants

	DBAC	EPA Competitive	TBA
Native Corporations	Yes	Yes	Yes
Federally Recognized Tribes	Yes	No*	Yes
Local Governments	Yes	Yes	Yes

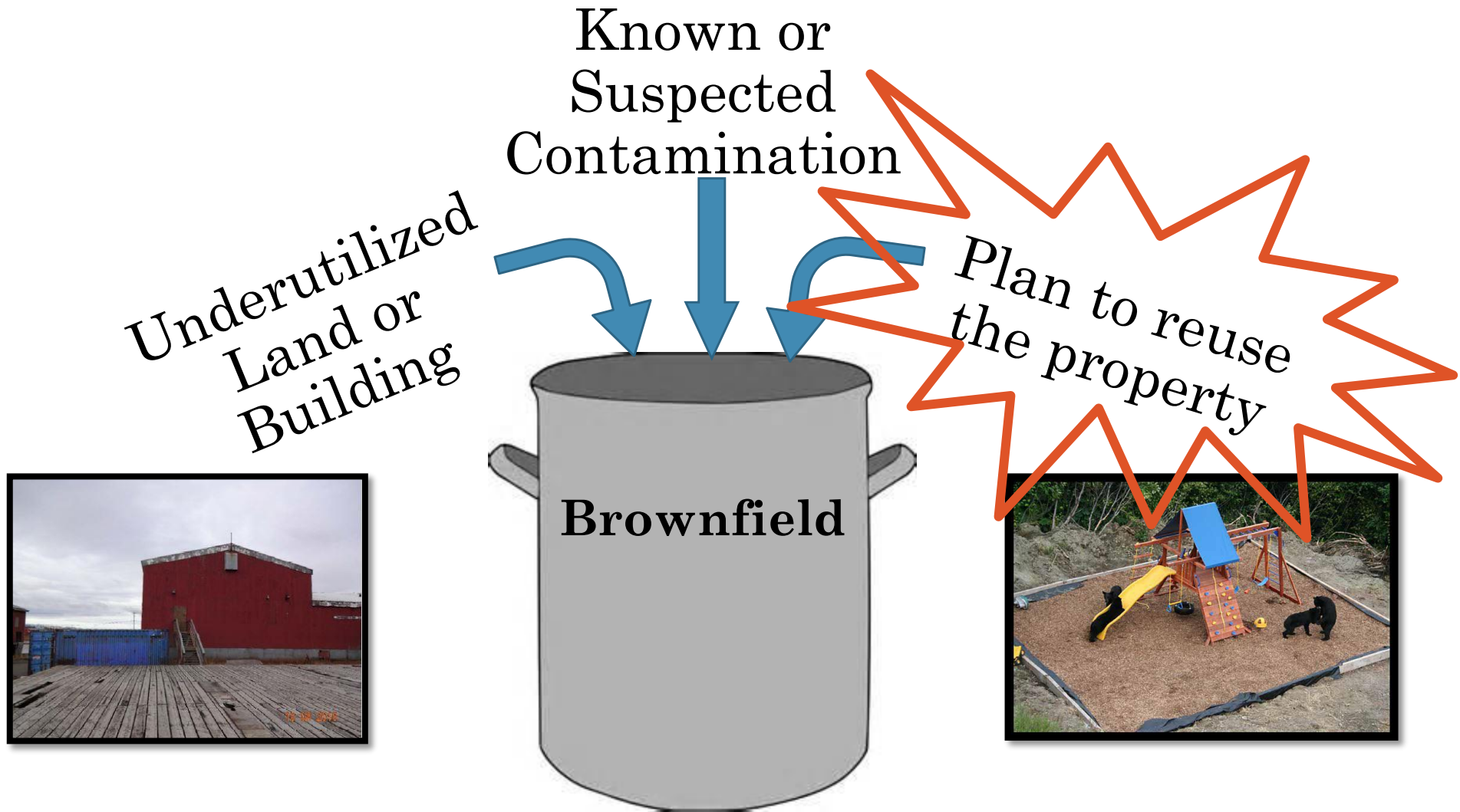
*Federally Recognized Tribes can partner with Alaska Native Regional Corporations, Alaska Native Village Corporations

Federal Definition of a Brownfield

Defined as “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.”

Funding depends on meeting this definition!

Ingredients of a Brownfield





Reuse



Alaska Brownfields

- Abandoned tank farms
- Old schools
- Old canneries
- Former military sites
- Former drycleaners
- Former gas stations
- Mine sites

...and many more!



DBAC Objectives

- Determine if an environmental problem is limiting reuse
- Identify nature and extent of contamination
- Make recommendations for additional assessment
- Identify cleanup options and cost estimates
- Conduct cleanup activities to enable site reuse

DBAC Projects



Chevak

Golovin

Tanana

Circle

Delta Junction

Gakona

Kake

Klawock

Kasaan

DBAC Projects

- Annual DBAC budget is between \$350,000 - \$400,000
- Project range from \$25,000 to 125,000



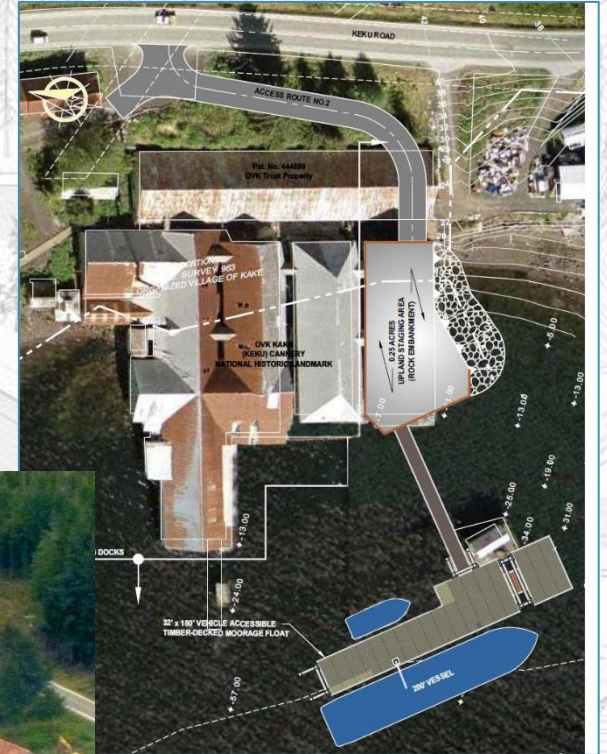
Keku Cannery – Kake, Alaska
Problem: hazardous building materials
DBAC services – HBM abatement
Reuse: cultural center
Estimated cost: \$120,000



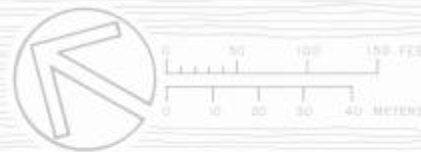
Former Fish Processing Plant – Golovin, AK
Concerns: HBM, petroleum
DBAC services: Phase I/ABCA
Reuse: Boat dock/harbor
Estimated cost: \$25,000

2018 DBAC – Keku Cannery

- Applicant: Organized Village of Kake
- DBAC services: HBM abatement
- Reuse: Cultural center
- \$1.9 million U.S Department of Commerce
- TBA 2015



- 1 SEASONAL CABIN FOR WILDE FISHING TRIP
- 2 FISH SCOWS
- 3 MANAGER'S HOUSE
- 4 HOUSE
- 5 DUPLEX HOUSE
- 6 HOUSE
- 7 COOK'S HOUSE
- 8 MESS HALL
- 9 WHITE MEN'S BUNKHOUSE
- 10 CRESSOTE STORAGE BUILDING
- 11 GENERATOR BUILDING
- 12 METALSMITH SHOP
- 13 LAUNDRY BUILDING
- 14 CANNING BUILDING
- 15 OFFICE AND NET REPAIR BUILDING
- 16 NET STORAGE BUILDING
- 17 CAN MAKING AND STORAGE BUILDING
- 18 WOOD SHOP (DEMOLISHED)
- 19 JAPANESE AND FILIPINO BUNKHOUSE
- 20 BUNKHOUSE (DEMOLISHED)
- 21 STORAGE BUILDING (DEMOLISHED)
- 22 FISH TRAP CONSTRUCTION BUILDING (DEMOLISHED)
- 23 FUELING PIER

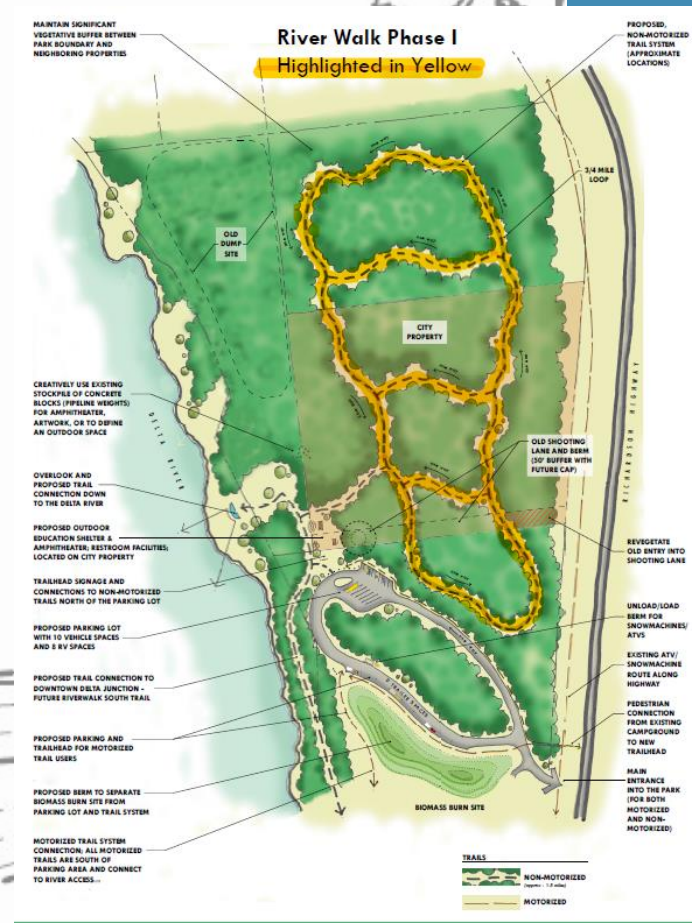


2019 DBAC – Delta Junction

- Applicant: City of Delta Junction
- Concerns: Lead, copper, arsenic
- DBAC services: ABCA and CAP
 - Potential clean-up spring 2019
- Reuse: trails system
- TBA 2018



CITY OF DELTA JUNCTION
TRACT 8A
ASLS No. 2010-13
PLAT No. 2015-69 FRD
SECTION 11
ABANDONED SHOOTING LANES



1/4" ALUM. CAP ON 2" ALUM. POST
CORNER TRACT 8A (C2)

Summary

Application period October 15 – March 1st

Call us!

Ingredients of a good DBAC application:

Community support

Reuse

Cleanup projects - additional funding

Thank you!

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<http://dec.alaska.gov/spar/csp/brownfields.htm>