



DEC Reuse & Redevelopment *Community Opportunities*

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DEC Reuse & Redevelopment Program

Alaska Conference on Environmental Management

November 6 – 7, 2012

Anchorage, Alaska



DEC's Reuse & Redevelopment Program

Agenda

- What defines an Alaska brownfield site?
- State & Tribal Response Programs in Alaska
 - DEC's Reuse and Redevelopment Program
 - Tribal Response Programs
- What makes a good brownfield project



Many sites are 'brownfields'

- Many, many sites are viewed as potential environmental concerns.
- Many sites impact the use of that property, and even the use of adjacent properties.
- Many sites impact the value of property surrounding it.
- Many sites are prone to cause health concerns related to property in question.
- Many sites are not abandoned, but are ignored due to concerns about the cost of cleanup.











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State & Tribal Response Program

What we are working toward

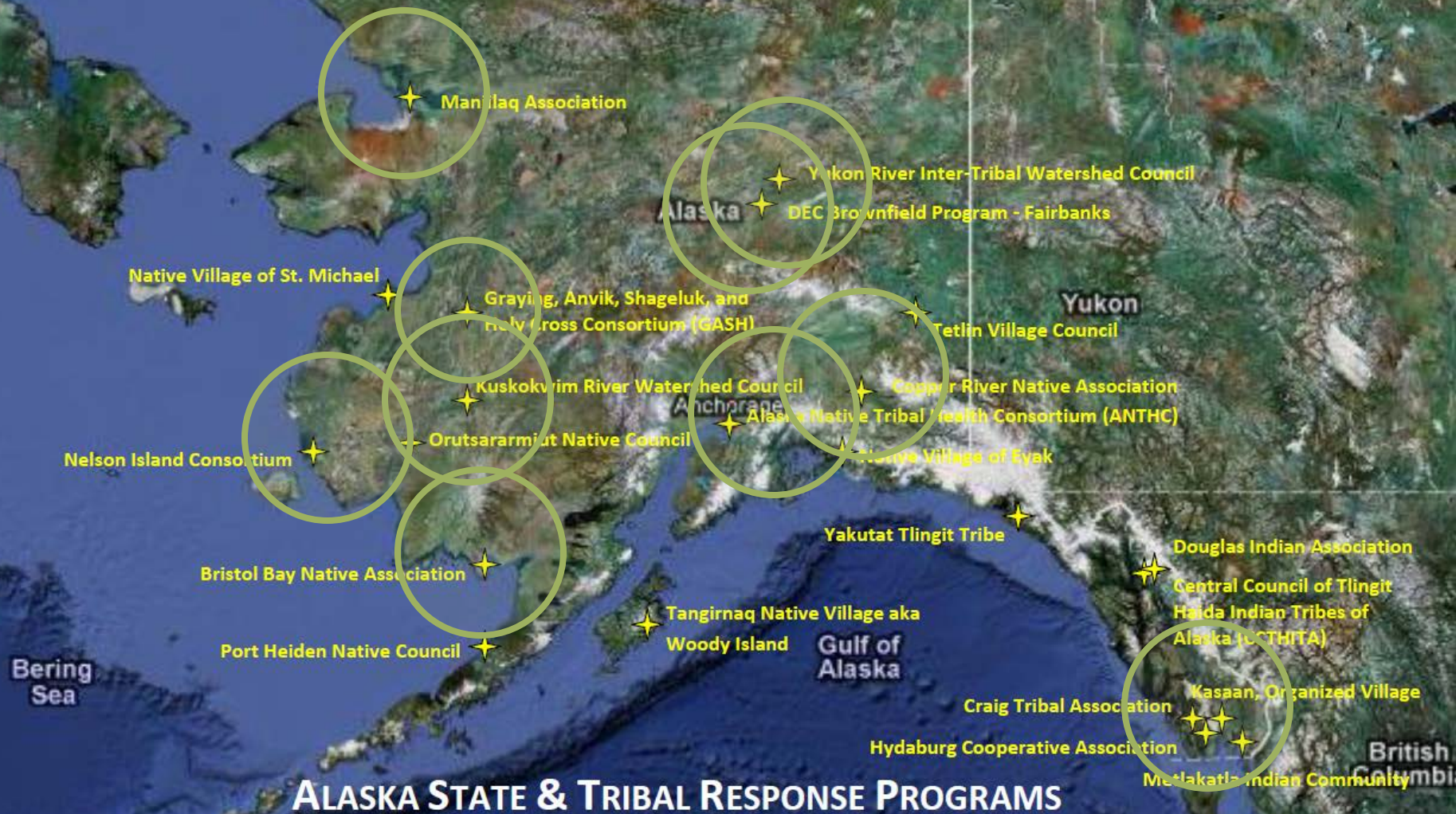


DEC's Reuse & Redevelopment Program

- Located and staffed in Fairbanks
 - Sonja Benson: TRP Coordinator and Outreach Specialist
 - Melinda Brunner: Projects and Development Specialist
 - John Carnahan: Brownfield Coordinator
- R&R or Brownfield Program since 2004
- Funded annually by EPA Brownfield Program
- The R&R Program understands the importance of economic development



Twenty-one Alaska Programs



What do we do?

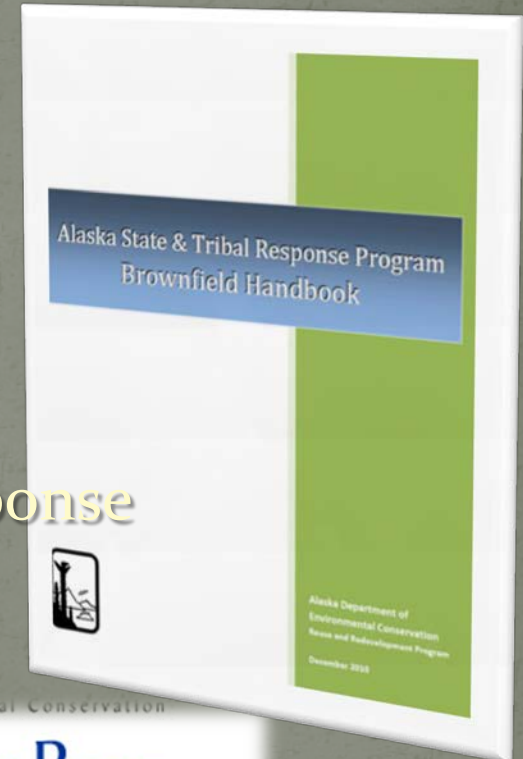
- Coordinate with state/federal agencies, units of government, tribes, Corps.
- Help clarify the world of *Alaska* brownfield-type R&R opportunities
- Seek/attempt to obtain resources for R&R projects
- Facilitate & oversee assessments and cleanups
- Provide training and outreach
- Support DEC's Contaminated Sites Program

Act as resource to all



Accomplishments

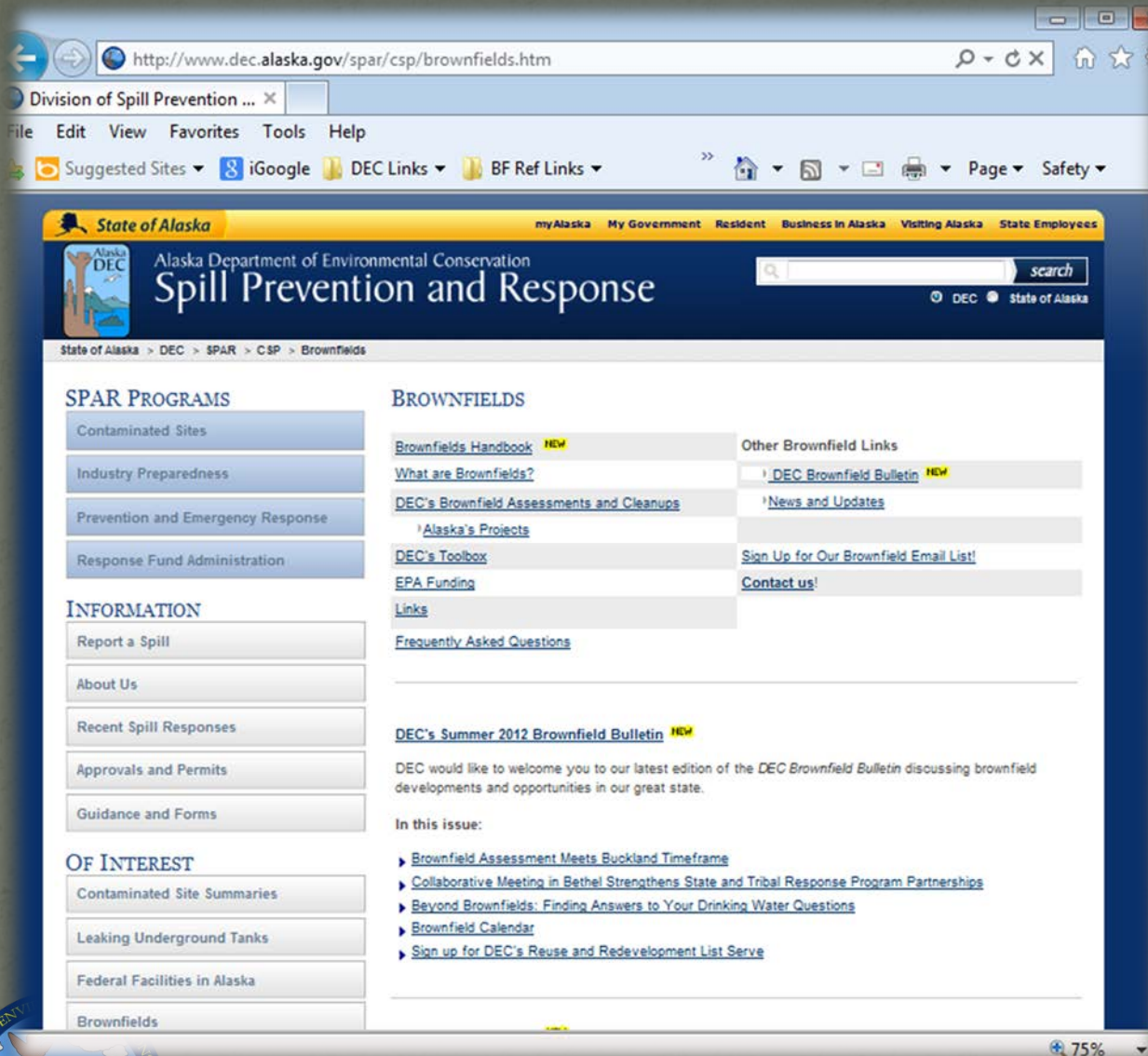
- Increased funding for our program and for Alaska
- Outreach:
 - Handbook
 - Web pages
 - Newsletter
- Training and Education
 - Annual Alaska Brownfield Tribal Response Program Workshop
 - DEC training rural workshop



Alaska Department of Environmental Conservation

Reuse & Redevelopment Program

Brownfield Bulletin



DEC's Alaska Brownfield Program

Newsletter

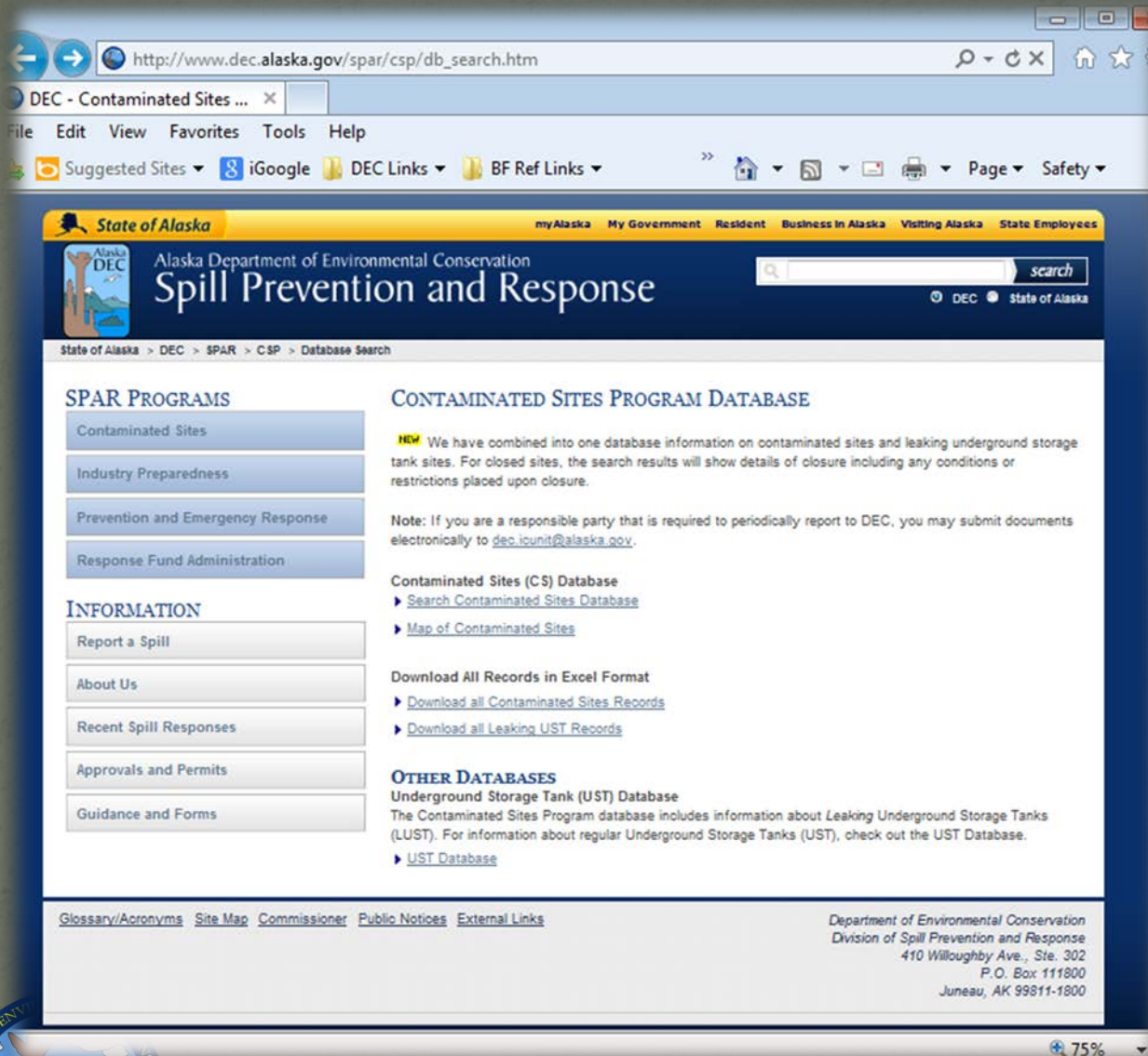
Online STRP Brownfield Handbook

Site summary information

Grant and assistance information

Alaska specific information – links to other sites





CSP Online Database

Searchable database

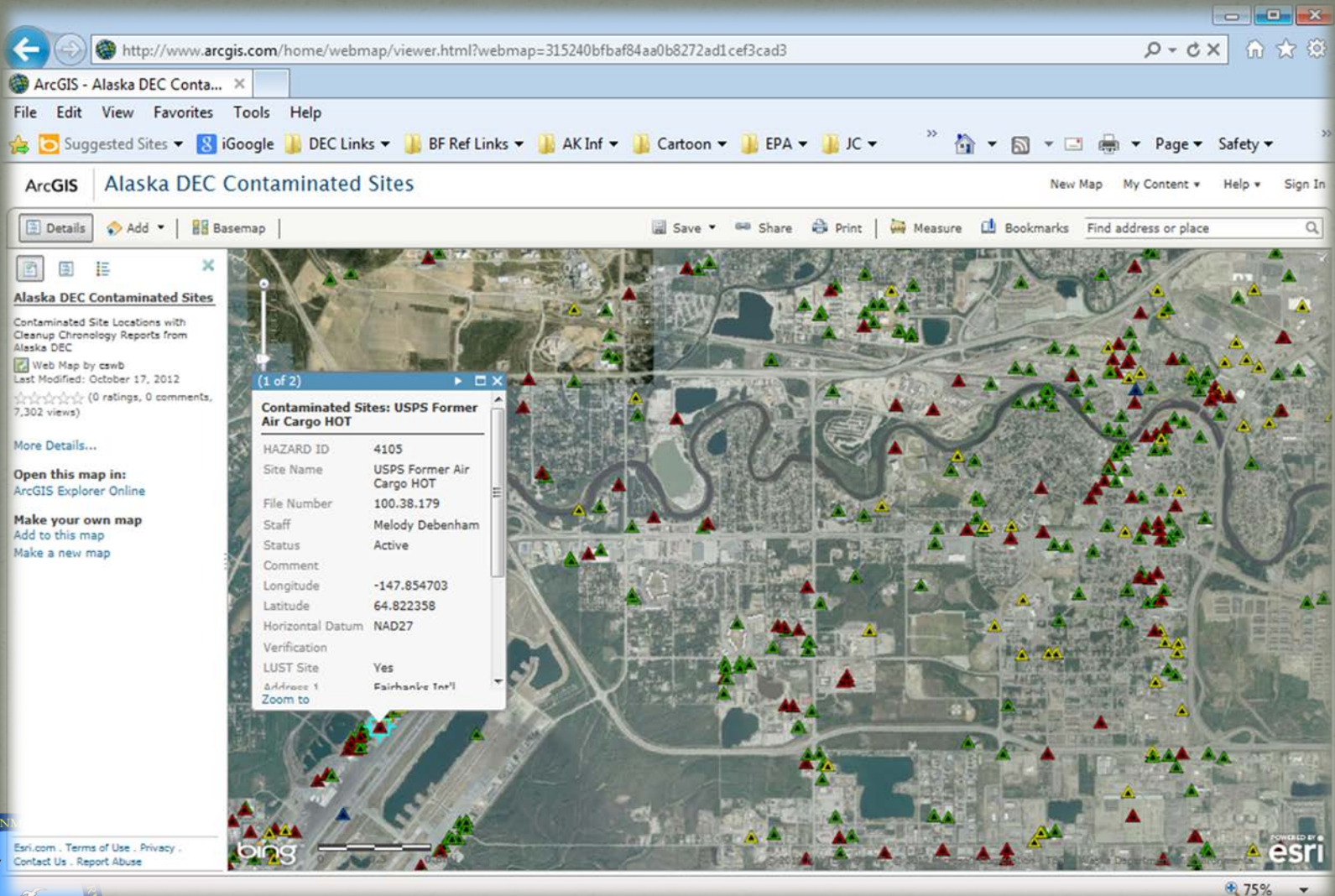
Provides cleanup chronology and closure details, as applicable

Fairly easy interface from the public side

Search criteria help you to narrow down what you are looking for.



Web Map of Contaminated Sites





DEC R&R Training - Bethel

Discuss the Cleanup
Process for
contaminated sites

Review brownfield
issues and concerns

Discuss spill
prevention and
response

Discuss available
resources and tools

Mapping exercises

DEC Brownfield Training in Bethel



DEC's Reuse & Redevelopment Program

Accomplishments cont.

- Assist with applications for EPA BF grants/services
 - Targeted Brownfield Assessments
 - Assessment and cleanup grants
 - Job training grants
- Resource for other programs within DEC
 - Help ensure that reuse benefit is emphasized when beneficial to project.
 - Help maintain data and program tools
- Project facilitation, coordination and oversight

Varying levels of assessment services





Alaska Department of Environmental Conservation

Reuse & Redevelopment Initiative

Brownfield Assessment



Golovin, Alaska

Alakanuk, Alaska



Eroding Former Dumpsite

Policy Evaluation

Submitted to:
Department of Environmental Conservation
Brownfield Program

By:
OASIS Environmental, Inc
January 16, 2008



DEC's Reuse & Redevelopment Program

Example: Audits and Analysis

Former Golovin
dumpsite DBA

DBA documents history
of actions (and inaction)

Led to Eroding
Dumpsite Policy
Evaluation

Is this a brownfield
concern?

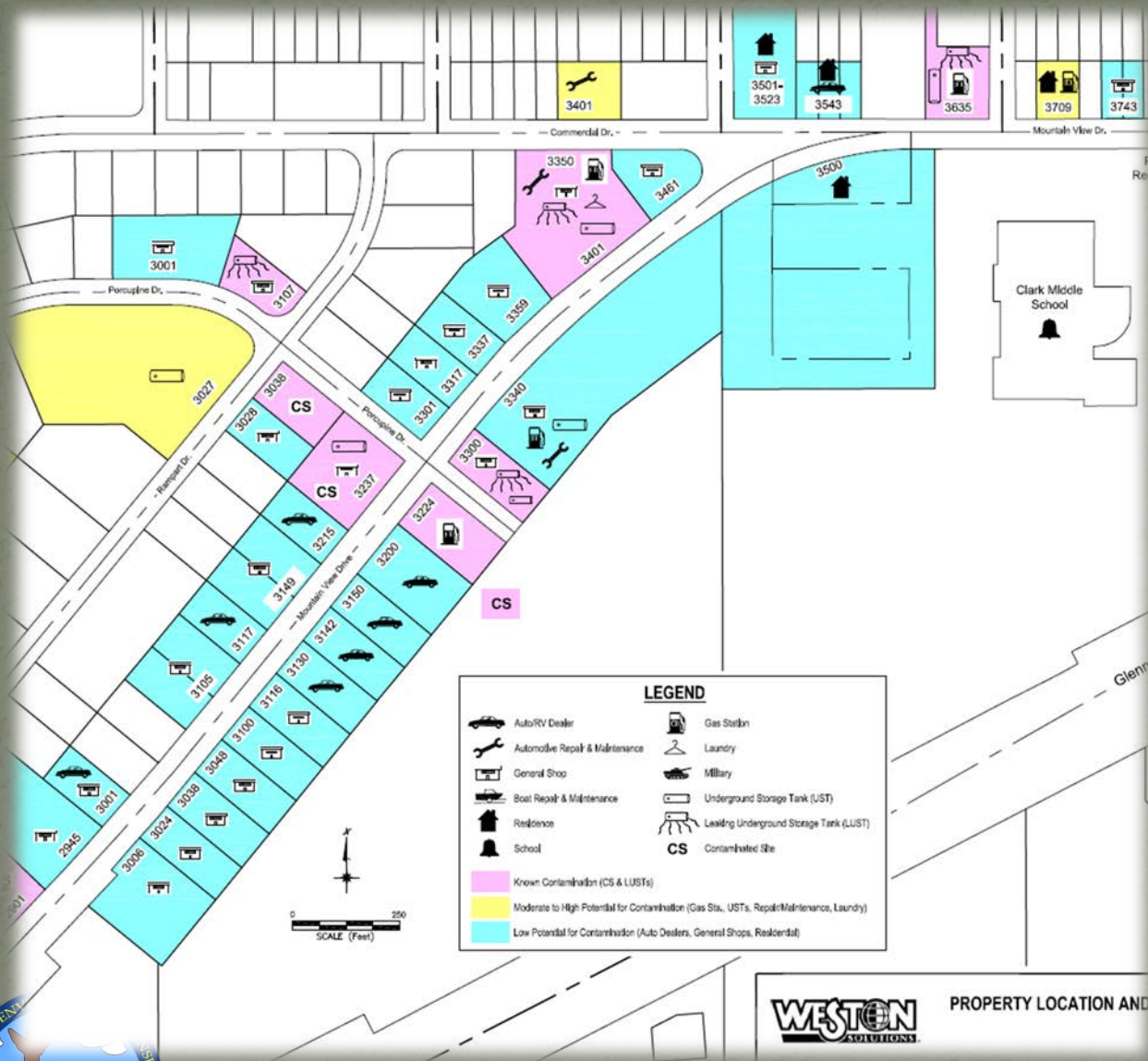
Forwarded to eroding
dumps work group

Example: Regional Surveys

Development area
analyses of
environmental
concerns

Expanded 'Phase I'
ESA

Tool to help
potential purchasers
understand
environmental
liabilities





Elim AVEC Tank Farm

Example: Property Assessment and Cleanup Planning

Property Assessment
and Cleanup Plan

In 2011 we began our
first cleanup projects

Focusing on
continuing project
rather than new
assessments



Example: Full Site Characterization

Site characterizations
or release
investigations

This level of
assessment can be
costly

Need well thought
out plan to make
worthwhile....

The rest is usually up
to the community!

Gulkana Airport release investigation



Types of sites in Alaska

- Commercial Properties (mostly urban)
- Econ. Development areas (i.e., Mountain View)
- Abandoned school sites (mostly rural)
- Old industrial sites – canneries, logging companies (urban and rural)
- Old/abandoned dumps (urban and rural)
- Tank farms (urban and rural)
- Formerly used Defense sites (mostly rural)
- Airport commercial properties (urban and rural)



Current focus - new developments

- First time for cleanups this past year with STRP funding– two projects
 - Selawik – construction on old tank farm site
 - Kwethluk – site preparation of old burned community center
- Follow up on past projects:
 - Kobuk – old tank farm site cleanup
 - Hughes – cleanup coordinated with YRITWC
 - Huslia – active school cleanup and stockpile management



Former Joseph Guy Community Center – Kwethluk, Alaska



Current focus, continued

- Environmental justice component to the R&R Program
 - Environmental Survey of Rural Education Attendance Area (REAA) schools
 - Abandoned (BIA) schools
 - Active schools
 - More tools for environmental programs
 - Road map for TRP management
 - Seeking ways to assist tribal environmental programs
- Assessment and sampling training



Former BIA School – Beaver, Alaska



Vision

- Revitalization of previously-developed properties and preservation of pristine spaces
 - *Make reusing our infrastructure a priority*
- Coordinated environmental community
 - *Better DEC/community communication*
 - *Better support at the local level*
- State funding and incentives for brownfield redevelopment
 - *Loans?*
 - *Grants?*

END

Questions on DEC's R&R?

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