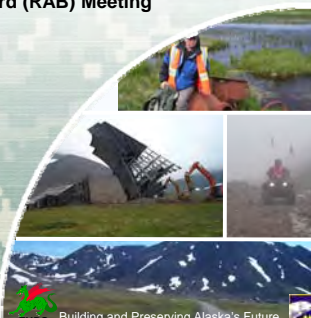




# **Northeast Cape Formerly Used Defense Site (FUDS) Restoration Advisory Board (RAB) Meeting**

Carey Cossaboom  
Project Manager

**March 30, 2011**





 US Army Corps of Engineers  
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 **FUDS** Building and Preserving Alaska's Future



# **AGENDA**

- Welcome/Introductions 3:00 pm
- Old Business 3:10 pm
- Northeast Cape FUDS Project Update
  - ▶ 2010 Summer Accomplishments 3:20 pm
  - ▶ Visits and Activities 4:00 pm
- Break 4:10 - 4:20 pm
- ▶ 2011 Remedial Action Plans 4:20 pm
- NVS NALEMP Project Update 4:35 pm
- Wrap Up 4:50 pm
- Adjournment 5:00 pm

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# **Review of Meeting Minutes**

- Additional copies available

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# **Review of Action Items**

1. Follow up with Stoney Wright, relay the concern about uptake of contamination and sampling of the vegetation growing.
2. Modify contract with Bristol to add water sampling at Site 8.
3. Community to provide information to Robert Annogiyuk about any NALEMP concerns, other camps, debris, ivory, sampling, etc.

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# **Example of grass re-seeding**



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# **Review of Action Items (con't)**

4. Ron Scrudato can be consulted with under the TAPP for NALEMP technical issues or report reviews.
5. Site 28 manhole/culvert – communicate concerns to Bristol regarding minimizing sediment disturbance via silt fence/low flow periods, and the potential for mobilization of contamination.
6. Community to provide any advice or input on the planned site visit with COL Koenig, commander of the Alaska District.

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## 2010 Field Season

- See Bristol's presentation



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## Visits and Activities

- Colonel "Rhino" Koenig, Alaska District Commander
  - ▶ July 13, 2010 visit to Savoonga and Northeast Cape
- 1:30 pm Government-to-Government meeting in Savoonga with 25 community members present
- Discussed concerns about health issues for island inhabitants
- Colonel offered his heart-felt apology, acknowledging damage that was caused to the island
- Colonel would seek a more formal declaration of appreciation for use of island and services of people
- 2-hour site visit to Northeast Cape with Ronnie Toolie, President, Kukulget, Inc., Perry Pungowiyi, and Myron Kingeekuk



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## Visits and Activities

- Mr. James Balocki, USACE Headquarters, Chief Environmental Community of Practice
  - ▶ August 18, 2010
  - ▶ Community visit to Savoonga
  - ▶ Site visit to Northeast Cape
  - ▶ Community visit to Gambell
- Ms. Suzanne Beauchamp, HQUSACE, Chief, FUDS Program
- Ms. Georgeie Reynolds, HQUSACE, Leader, Tribal Nations Community of Practice
- Mr. Ken Andraschko, AK District FUDS Program Manager
- Mr. CW Floyd, Special Assistant to AK Senator Mark Begich



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## Visits and Activities

- 10:30 am Government-to-Government meeting in Savoonga with 30 community members present
- Presented to Mr. Kingeekuk, IRA President; a US flag flown over the U.S. Capitol Building in Washington, D.C.
- Secretary of the Army Coin in recognition of the service and sacrifice the NVS afforded the U.S. Government during the Cold War era
- Mr. Balocki also presented a U.S. Army Corps of Engineers Castle in recognition of past and future working relationship
- Mr. Kingeekuk presented Mr. Balocki with a seal claw carving on behalf of the NVS



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## Visits and Activities

- A 2-hour tour of the various sites at Northeast Cape was conducted
- After the site tour, the USACE party traveled to the Native Village of Gambell for a Government-to-Government meeting and presentations.



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## Activities

- U.S. EPA facilitator, Kristi Celico Parker
  - ▶ Teleconference call on January 6, 2011
  - ▶ Workgroups suggested to address issues



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## US EPA Workgroups

### 1. Gather information regarding US Govt. obligation to cleanup and limits of US Govt. ability to cleanup

- ▶ Gather and review documents regarding 1950's cleanup agreements.
- ▶ What do current state, tribal, and federal laws say about cleanup standards? Which takes precedent? Are these standards affected by how the land is or could be used? Are standards affected by budget, risk, or technical limitations?
- ▶ Are standards for cleanup different if there is evidence that the community is already at risk due to exposure to other hazards?

### 2. Data Sharing/Current Level of Contamination

- ▶ Who needs what data? When can it be shared?
- ▶ Who is responsible for delivery?
- ▶ Do we need any additional data?
- ▶ If so, what is needed and how could we get it?



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## US EPA Workgroups

### 3. Legal Issues

- ▶ What formal role can tribal governments play in determining the closure criteria?
- ▶ How does the role of government-to-government relations differ from the advisory role of the Restoration Advisory Board (RAB)?
- ▶ Review process for listing the site on the EPA National Priorities List (NPL). What are the pros and cons of listing a site? How can tribal governments and the community provide input into the process?

### 4. Planning for the Dialogue Meeting and Improving Communication

- ▶ Selecting a meeting date, location, agenda, ground rules, etc.



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## US EPA Teleconference

### ▪ Other follow up items:

- ▶ EPA's review of USACE's cleanup activities, plan to be done by late spring/early summer
- ▶ Agency for Toxic Substances and Disease Registry (ATSDR) Study, new consultation may be appropriate if new data exists, community would need to send a petition or letter to ATSDR.



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## 2011 Field Season Tasks

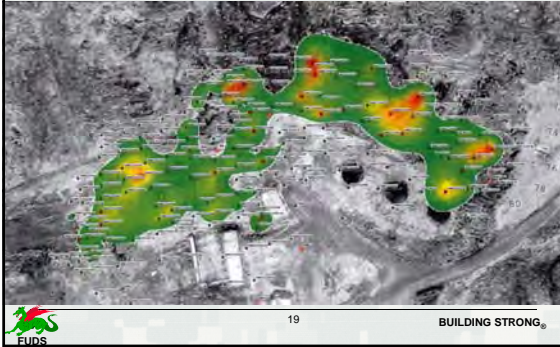
- Excavation and disposal of petroleum-contaminated soils at the Main Operations Complex (MOC) Sites 10, 11, 13, 15, 19 and 27.
- Excavation and disposal of polychlorinated biphenyl (PCB)-contaminated soils from Site 13 (Heat and Power Plant) and Site 31 (White Alice Communications Station).
- Transportation and disposal of PCB-contaminated soils contained in 21 bulk bags staged at the Building 98 Pad.



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### Main Complex POL-contamination



### Staged Bulk Bags of PCB-Soil



### Site 31 White Alice



### Site 13 PCB excavations

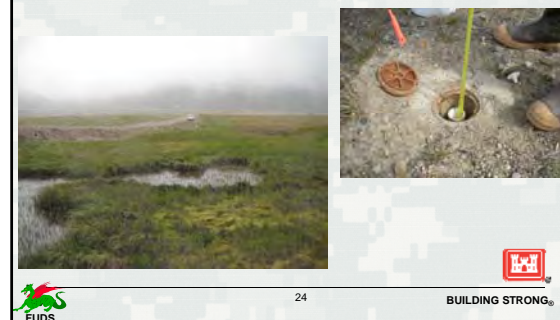


### 2011 Field Season Tasks

- Continued Monitored Natural Attenuation (MNA) of petroleum-contaminated sediment and surface water at Site 8 Petroleum, Oil, and Lubricant (POL) Spill Site.
- Continued MNA sampling of groundwater from monitoring wells in the vicinity of the MOC.
- Sampling, excavation and disposal of arsenic-contaminated soil from Site 21 Wastewater Treatment Tank.



### Site 8 MNA, Main Complex GW monitoring



## 2011 Field Season Tasks

- Removal and disposal of dangerous debris, drums, and poles from tundra areas site-wide where clearly identified.
- Review of existing data and collection of sediment/soil samples from Site 28 Drainage Basin to delineate the extent and magnitude of contamination.
- Excavation and disposal of roofing tar from south of the MOC.



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## Additional Poles, Drums, Debris



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## Frost-jacked Poles



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## Drainage Basin (Site 28)



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## Native Village of Savoonga NALEMP

- FY11 Cooperative Agreement
  - ▶ Robert Annogiyuk, Project Manager
  - ▶ Bristol Environmental, Consultant
- Proposed Tasks
  - ▶ Abatement and removal of all site structures and debris piles from the NVNC
  - ▶ Removal of soils berms, buried drums, and other containerized hazardous waste from the Native Village of NE Cape (NVNC)
  - ▶ Perform a comprehensive investigation and sampling program at the NVNC



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## Native Village of NE Cape (Fish Camp)



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Structure with potential asbestos materials in roofing and tiles



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Debris Piles



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Debris piles and old foundation



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Debris and asbestos transite pipe



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Interior of Structure



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Interior with lead-based paint



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### Stained soil and drums



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### Empty Drums



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### Broken lead-acid battery



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### Electronic equipment - batteries



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### Other containers



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