

# US ARMY CORPS OF ENGINEERS



# ALASKA DISTRICT



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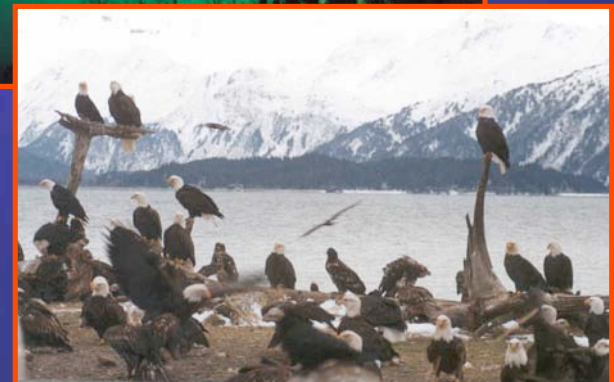
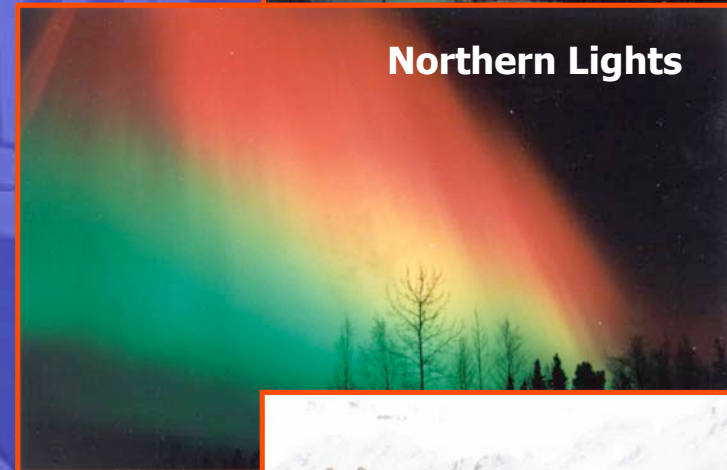
# AGENDA



- About the Alaska District
- Workload
- Global War on Terrorism Support
- Military Programs
  - Missile Defense
- Civil Works Program
- Environmental
- Regulatory Responsibility
- Emergency Management
  - Natural Disaster Response
- Conclusions
- Questions



Northern Lights



Homer, AK





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# MISSION STATEMENT



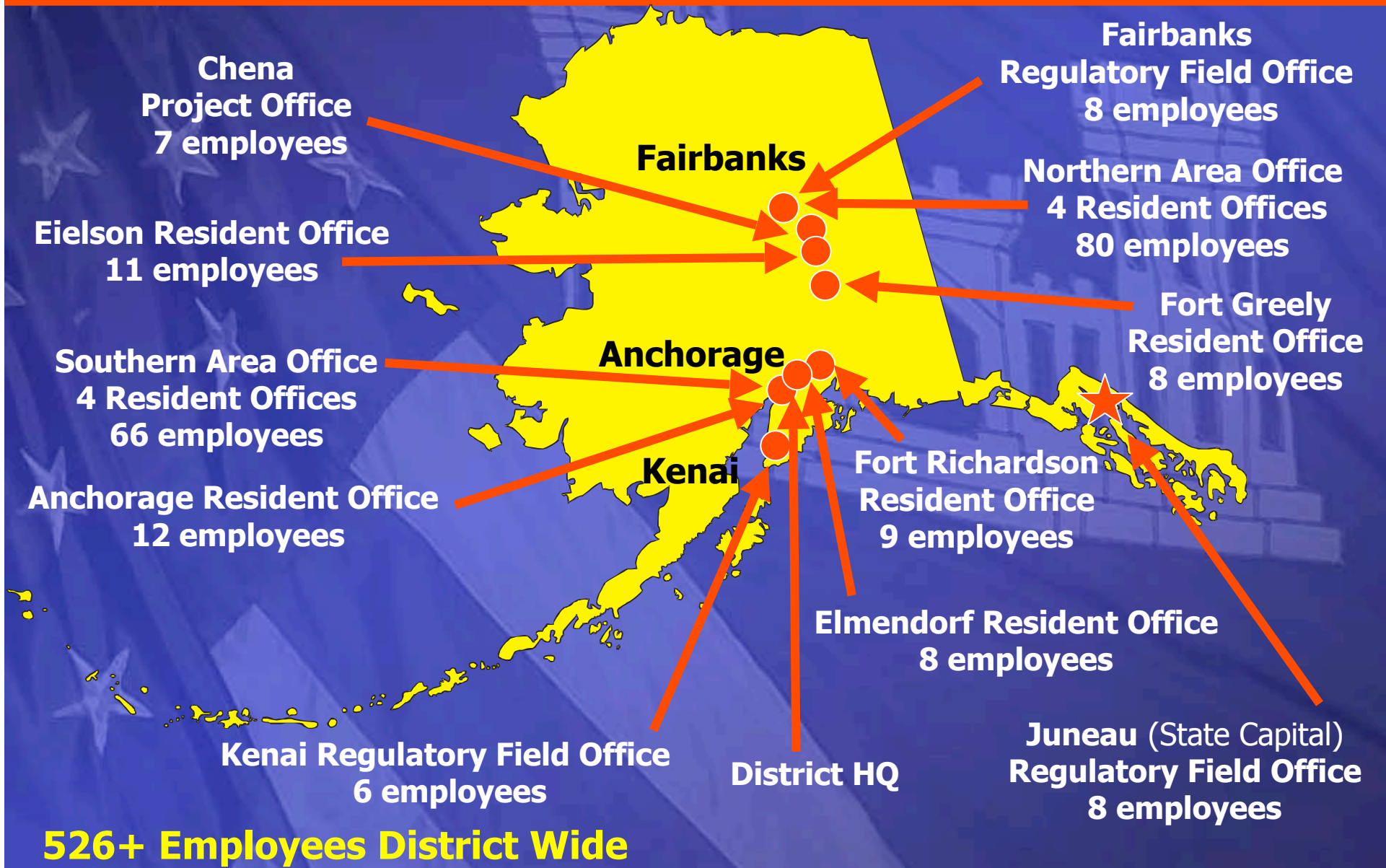
Alaska District provides a full spectrum of quality engineering, technical and construction support services in support of peacetime and contingency operations in Alaska and throughout the Pacific Region.



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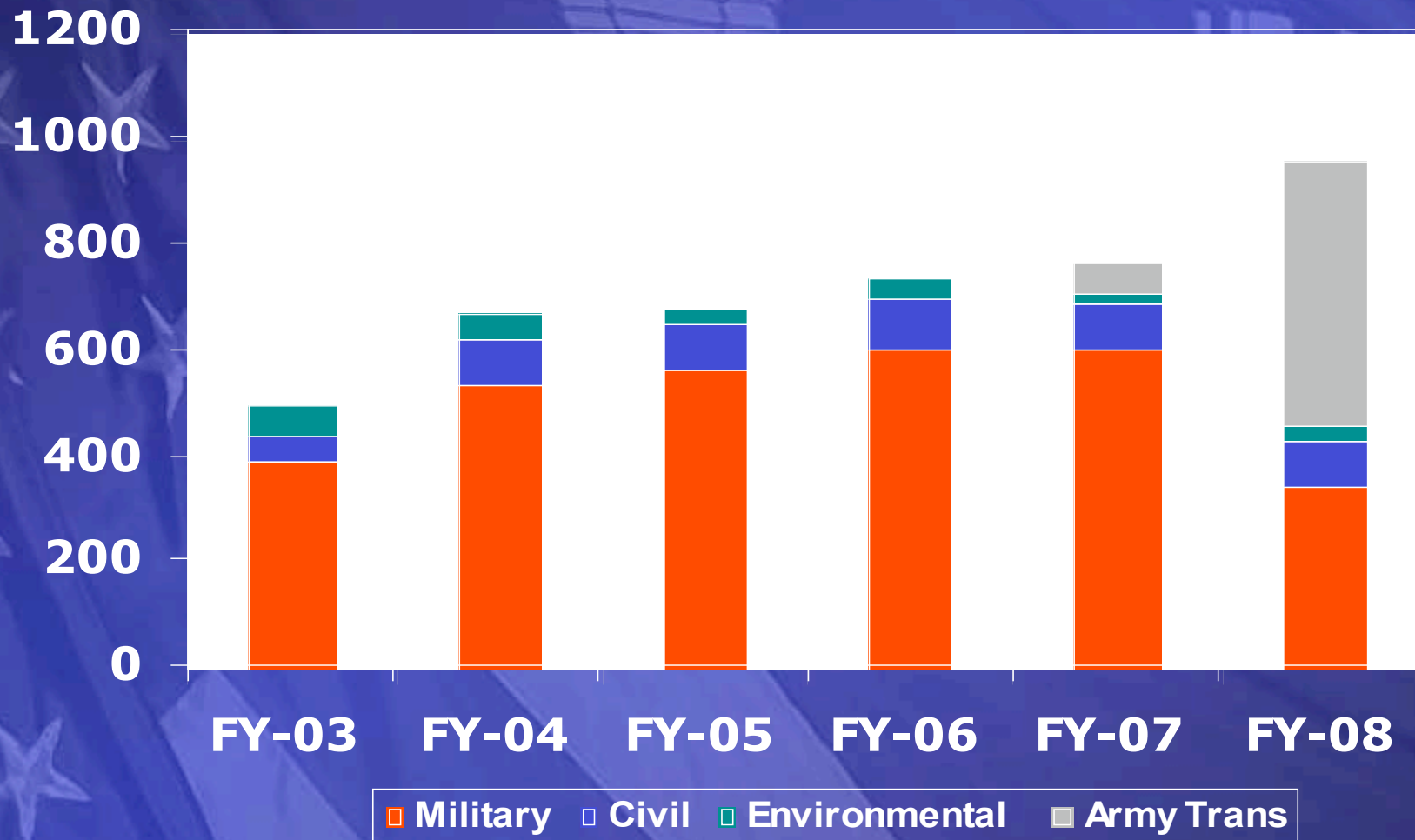
# OFFICE LOCATIONS





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# ALASKA DISTRICT WORKLOAD







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# GLOBAL WAR ON TERRORISM SUPPORT



CPT Dave Bragg and  
MAJ Troy Stephenson  
performs bridge  
inspection on HWY 27  
Bridge in southern Iraq

## Iraq

- 8 currently deployed



Earnie Mendenhall at Kabul Military Training Center,  
Afghanistan

## Afghanistan

- 7 currently deployed



Dave Franzen and Greg  
Hegge performs bridge  
inspection at the Al Kifl  
Bridge in SW Iraq

Total deployed to date  
**63**



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# NATURAL DISASTER RESPONSE



## 2005 Hurricane Support

19 Currently deployed





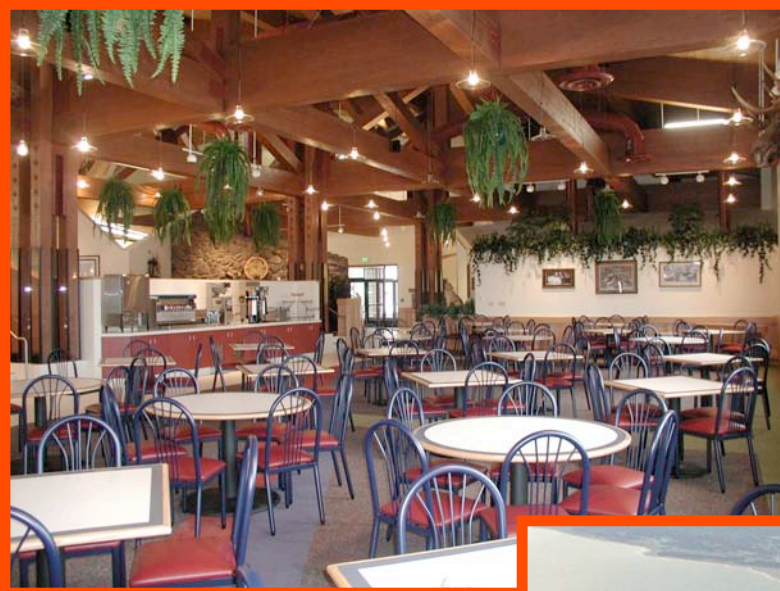


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# THREE MAJOR PROGRAMS

## MILITARY



**Barracks Renewal  
Fort Richardson**

**Homer Harbor**

## ENVIRONMENTAL



**Annette Island  
Formerly Used  
Defense Site cleanup.  
Won the Secretary  
of Army Award 2003**



## CIVIL WORKS





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# MILITARY PROJECTS



**C-17 Support**



**Stryker combat team support**



**Ground-Based Midcourse  
Defense System**



**F/A-22 Raptor**



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# GROUND BASED MIDCOURSE DEFENSE TEST BED



**Alaska District has built  
tactical and support  
facilities at Fort Greely  
and at Eareckson Air  
Station on Shemya  
Island.**

**DSCS (Defense Satellite Communications  
System) recently completed at Eareckson  
Air Station.**

**Readiness and Control  
building at Fort Greely**







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# BASSETT ARMY HOSPITAL REPLACEMENT



**Contract awarded: Feb. 19, 2002**

**Contract amount: \$180.29 million**

**Contractor: Dick Pacific/Ghemm Co.**

**Scheduled Completion: July 14, 2006**



**Artist's rendition of what finished  
project will look like**



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# MILITARY PROJECTS



**Modularity, Fort Richardson**



**Mobility Test Track, Fort Greely**



**C-17 Flight Simulator  
Groundbreaking,  
Elmendorf AFB**





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# CIVIL WORKS PROJECTS



Port of Anchorage Dredging



Kenai River Bank Stabilization

## Alaska Community Support

- Navigation
- Ports/Harbors
- Flood Control
- Recreation
- Hydroelectric Power Generation
- Water Supply
- Erosion Control
- Emergency Response





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# CIVIL WORKS PROJECTS



**Seward Harbor Improvements**  
**\$8.5 million**



**Nome Navigation Improvements**  
**\$35.9 million**



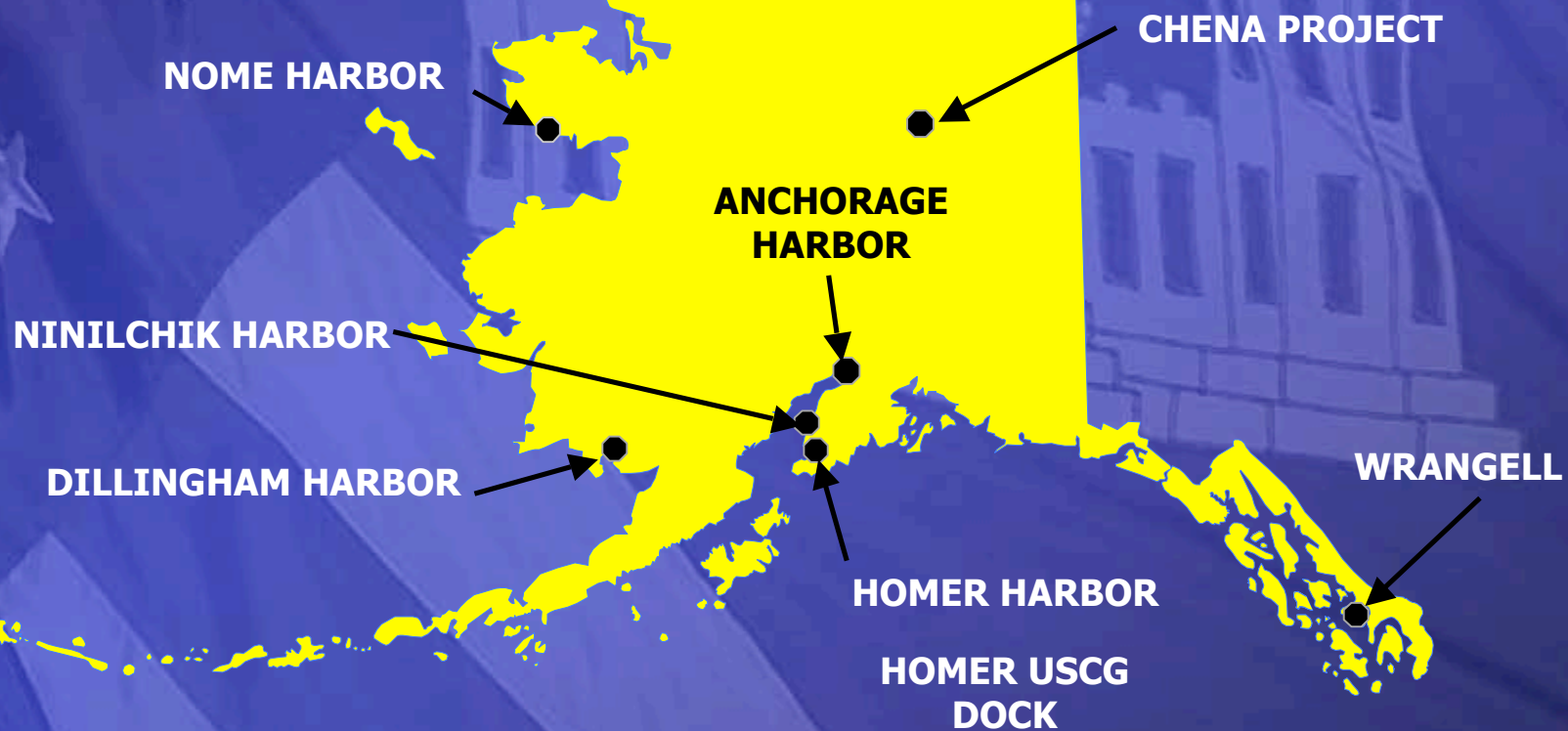


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# OPERATIONS & MAINTENANCE PROGRAM



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# FLOOD CONTROL & RECREATION



## Chena River Lakes Flood Control Project and Recreation area North Pole, Alaska



Moose Creek Dam on the Chena  
River during a flood event



Dog sledding on project land



Chena Lakes Recreation Area  
swimming beach





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# ENVIRONMENTAL CLEANUP

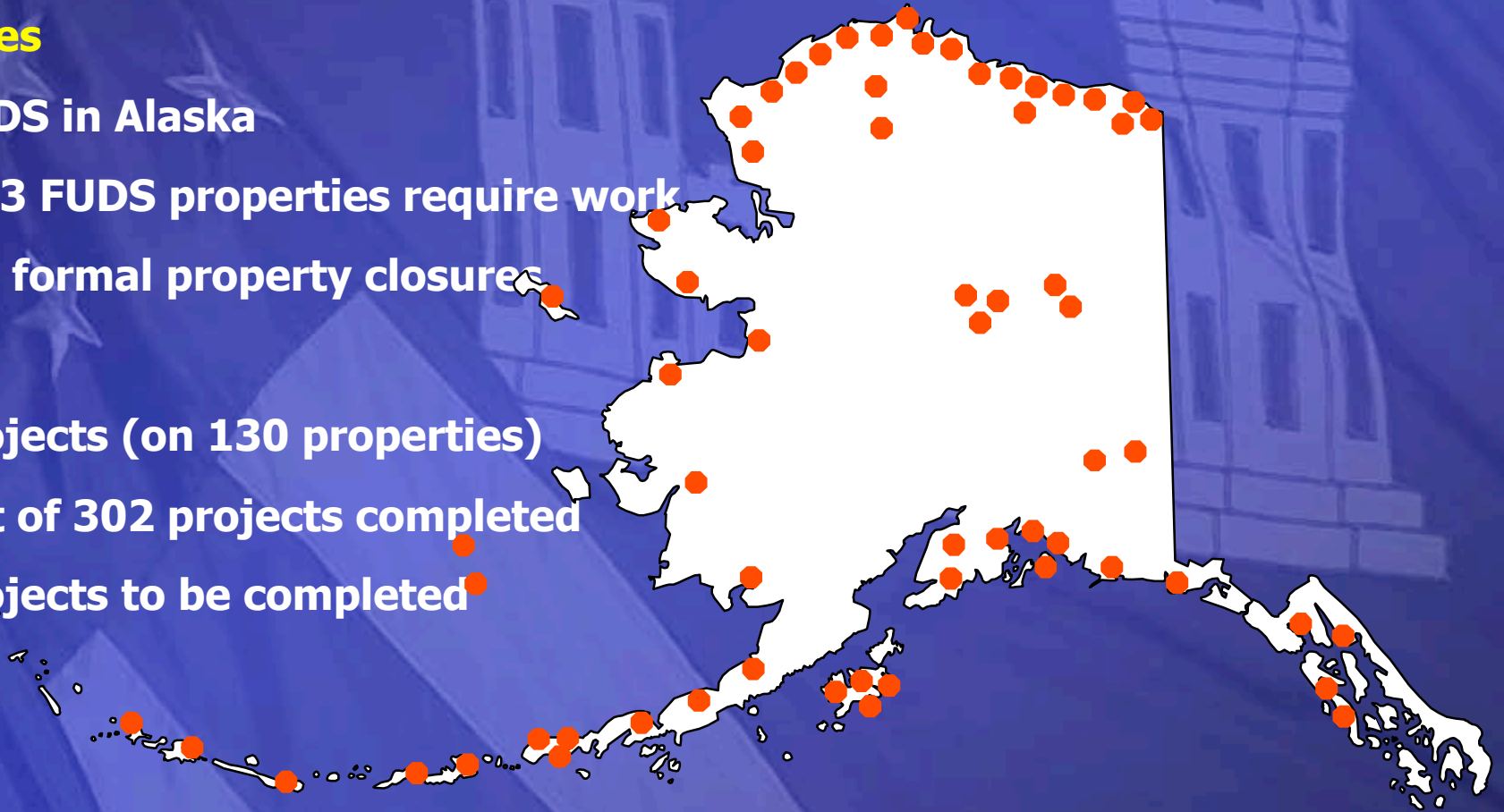
## Formerly Used Defense Sites (FUDS)

### Properties

- 603 FUDS in Alaska
- 130/603 FUDS properties require work
- 28/130 formal property closures

### Projects

- 312 projects (on 130 properties)
- 132 out of 302 projects completed
- 170 projects to be completed





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# ENVIRONMENTAL CLEANUP



**Moses Point, Seward Peninsula**



**White Alice Site, St. Lawrence Island**

**Cape Chiniak,  
Kodiak Island**



**During and after  
removal of  
contaminated soil**







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# PROTECT THE ENVIRONMENT



## Fort Wainwright Power Plant's New Baghouse Project

- Operational as of November 2004
- Removes 60 cubic yards (40 tons or six dump truck loads) of fly ash from exhaust gases per day!



**New Ash Handling System will correct this situation**



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# REGULATORY PROGRAM



- Largest District in the Nation (geographically)
  - 1/5 the size of lower 48 states
  - Apx. 220 million acres of wetlands and other waters
  - 33,904 miles of coastline
  - Apx. 15 million miles of potential navigable waterways
  - Apx. 43% of the state is wetland (USFWS estimate, 1994)
- 2<sup>nd</sup> largest Regulatory Branch in the Nation (65 employees)





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# REGULATORY PROGRAM



## Authorities

- Section 10 Rivers and Harbors Act of 1899
  - All navigable waters of the U.S. (tidal waters and 47 lakes and rivers on the District's list)
  - Activities that affect location and navigable capacity
  - All work (in, through, and over)
  - All construction (docks, marinas, jetties, etc.)
- Section 104 Clean Water Act of 1972
  - All waters of the U.S. (including wetlands)
  - Any discharge that has the affect of fill



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# REGULATORY PROGRAM



## Key Definitions

### Waters of the U.S.

All waters which are currently used, or were used in the past, or may be susceptible to use in interstate for foreign commerce, including all tidal waters, interstate waters, wetlands, intrastate waters linked to interstate or foreign commerce, impoundments, tributaries, territorial seas and adjacent wetlands (neighboring, bordering or contiguous.)  
(Summarized, not legal, definition)

### Wetlands

Corps & EPA joint definition: "Those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions."

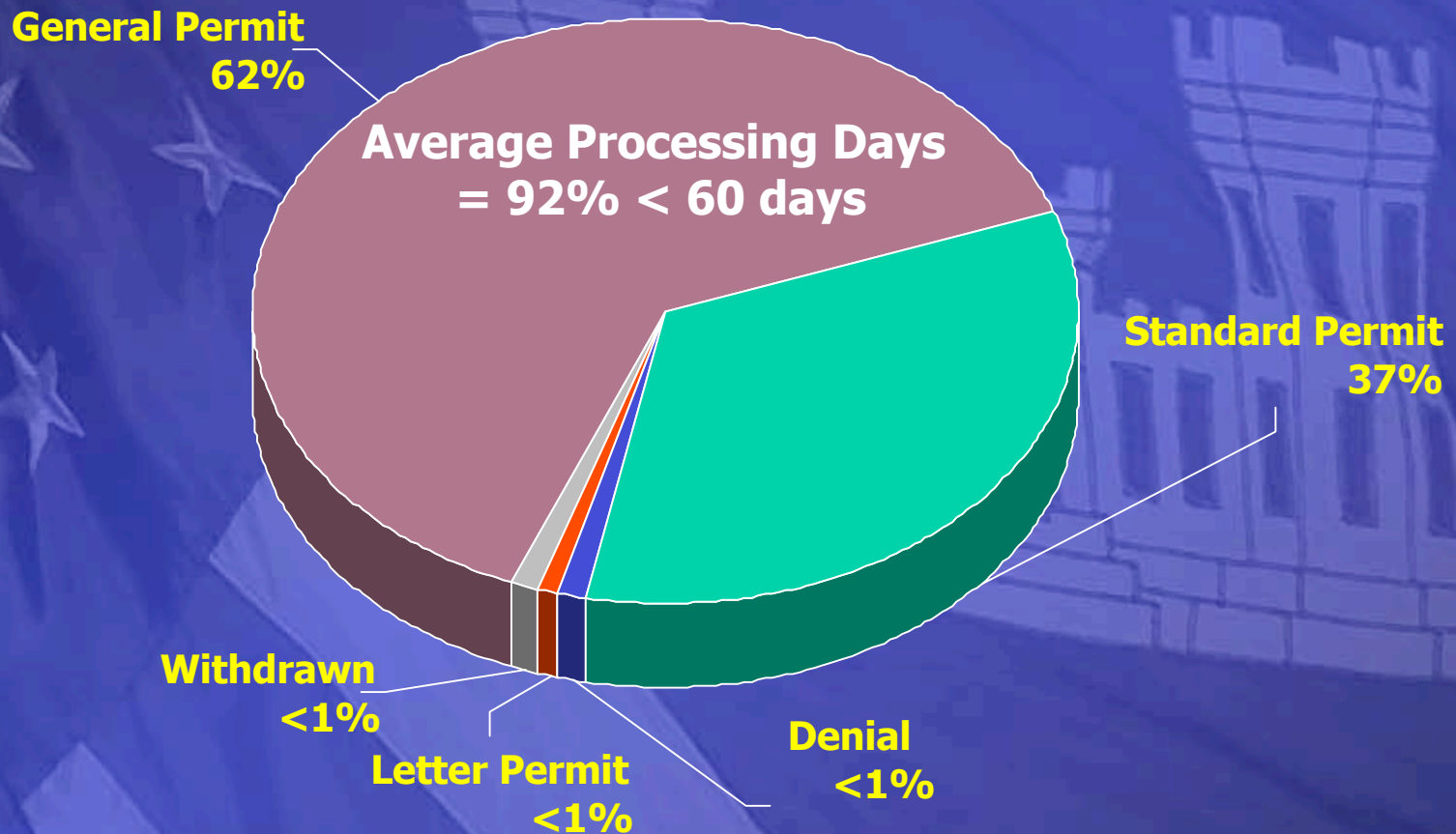




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# TYPES OF DECISIONS - ANNUALLY

## PERCENT OF ALL PERMIT ACTIONS



**Approximately 2,500 Actions Per Year  
FY00 through FY05**



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# CONCLUSION

## Three Key Messages

### 1. Support for Global War on Terrorism, National Defense and Natural Disasters

#### 2. Economic Contribution

	<u>FY04</u>	<u>FY05</u>
• Total Contracts Awarded	\$492.0 M	\$792.7 M
• Small Businesses	\$195.0 M	\$492.0 M *
• Small Disadvantaged Businesses		\$461.8 M **

\* 62 % of workload

\*\* 58 % of workload

### 3. Environmental Stewardship



