SEATTLE SAME “MEET THE CHIEFS”
PORTLAND DISTRICT

COL Aaron L. Dorf
Commander
Portland District
June 19, 2018

"The views, opinions and findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."
AGENDA

• Northwestern District Area of Operations
• Portland District Area of Operations
• Our Missions and Responsibilities
• Business Lines
  1. Providing Engineering Expertise
  2. Flood Risk and Water Management
  3. Navigation
  4. Hydropower
  5. Environmental Stewardship
  6. Emergency Management
  7. Tribal Trust
  8. Recreation
  9. Regulatory Permitting
  10. International & Interagency Services
• Contracting Opportunities
• Work Plan
• Contracting and Small Business / How to Reach Us
Civil Works Mission
- Portland District
- Seattle District
- Walla Walla District
- Kansas City District
- Omaha District

Military Mission
- 17 Air Force Installations
- 13 Army Installations
- 1 Joint Base

Two Major River Basins
- Columbia River Basin
  - 34 Dams
  - 21 Power Plants
- Missouri River Basin
  - 46 Dams
  - 8 Power Plants
- Puget Sound
AREA OF OPERATIONS

Dams & Storage Reservoirs

- Willamette River Basin: 13
- Rogue River Basin: 3
- Columbia River: 6

**TOTAL** *12 hydropower* 22

Channels & Harbors Projects

- Jetties only: 1
- Harbors - Deep & Shallow Draft: 14
- River Projects: 3

**TOTAL** 18

Federal Navigation Channels

- Channels maintained (miles): 700
- Dredges: 2
- Survey Vessels: 4
- High lift locks: 3

Environmental Stewardship

- Cultural Sites: 1200
- Fish Hatcheries: 13
- Invasive Species Managed: 75
OUR MISSION & RESPONSIBILITIES

Mission
The Portland District delivers vital engineering services to the Pacific Northwest and the Nation in order to ensure our security, promote a strong economy, facilitate water resource management, and enhance environmental sustainability.

Responsibilities
1. Providing Engineering Expertise
2. Flood Risk and Water Management
3. Navigation
4. Hydropower
5. Environmental Stewardship
6. Emergency Management
7. Tribal Trust
8. Recreation
9. Regulatory Permitting
10. International & Interagency Services

Where We Work
1450 Employees

Mission requires coordination and partnerships with other federal, state, and local entities
1. PROVIDING ENGINEERING EXPERTISE
The Nation's technical expert for civil works and the Army's technical expert for military construction.

Technical Centers of Expertise
- Hydroelectric Design Center
- Welding and Metallurgy
- Roller Compacted Concrete

Nationally-Recognized Knowledge and Experience
- Coastal engineering and computational fluid dynamics (CFD) modeling
- State-of-the-art hydrographic survey work performed throughout the Pacific Climate Change studies
- Ecosystem restoration of aquatic habitat
- Fish passage planning and design
2. FLOOD RISK AND WATER MANAGEMENT

Provide water for hydropower generation, fish and wildlife enhancement, navigation, recreation and other uses.

• Flood Risk Management
  - Managing water to reduce the impacts of flooding on people, businesses, infrastructure

• Water Control
  - Monitor operations of projects for authorized purposes, coordinate power generation with Bonneville Power Authority, assure water flow meets intent Biological Opinions

• Water Quality
  - Assess characteristics of water to assure compliance with government standards
  - Water Quality modeling to support decision making for downstream fish passage and temperature management and sediment movement

• Data Collection
  - Responsible for real-time data collection and distribution
3. NAVIGATION

Provide safe, reliable, efficient, and environmentally sustainable waterborne transportation systems (channels, harbors, and waterways) for movement of commerce, national security needs, and recreation.

Dredging
Maintain 720 miles of federal navigable waterways

Surveying & Mapping
Hydrographic Surveying

Support to Seattle
- Grays Harbor
- Point Chehalis

Survey Vessels
- Elton
- Redlinger
- Hopman
- Patterson

Channels & Harbors Projects
- 1 Jetties only
- 4 Shallow Draft
- 10 Deep Draft
- 3 River
- TOTAL 18

High Lift Locks
- Bonneville
- The Dalles
- John Day
4. HYDROPOWER
Generating reliable, renewable, clean, and efficient hydropower for the Pacific Northwest.

- Largest hydropower District in Corps
- 5975 megawatts of installed capacity
- Modernization efforts underway

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<th>Hydropower Plants</th>
<th>Year Built</th>
<th>Installed Capacity (megawatts)</th>
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<td>1218</td>
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<td>Big Cliff Dam</td>
<td>1953</td>
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<tr>
<td>Detroit Dam</td>
<td>1953</td>
<td>100</td>
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<td>Dexter Dam</td>
<td>1954</td>
<td>15</td>
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<tr>
<td>Lookout Point Dam</td>
<td>1954</td>
<td>120</td>
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<td>The Dalles</td>
<td>1957</td>
<td>2100</td>
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<tr>
<td>Hills Creek Dam</td>
<td>1961</td>
<td>30</td>
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<tr>
<td>Cougar Dam</td>
<td>1964</td>
<td>25</td>
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<tr>
<td>Green Peter Dam</td>
<td>1967</td>
<td>80</td>
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<tr>
<td>Foster Dam</td>
<td>1968</td>
<td>20</td>
</tr>
<tr>
<td>John Day Dam</td>
<td>1971</td>
<td>2200</td>
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<tr>
<td>William L. Jess Dam</td>
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<td>49</td>
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</table>
5. ENVIRONMENTAL STEWARDSHIP
Protect, preserve, and restore significant ecological resources at Civil Works projects

Recent Accomplishments
• Fall Creek Adult Fish Collection Facility is now operational
• Sheepy Lake Island constructed

Current Projects
• Oaks Bottom Environmental Restoration Project
• Cougar Downstream Fish Passage
• Detroit Temperature Control & Downstream Fish Passage
• The Dalles Auxiliary Water Supply System for East Fish Ladder

We have natural resource stewardship responsibilities at 20 of our reservoirs.
6. EMERGENCY MANAGEMENT

Supplement state and local agencies following natural disasters or other emergencies when the capabilities of those agencies is exceeded.

**Civil Authorities**
- Columbia River flood support
  - 325K sandbags to Seattle
- Completed 255 flood reduction projects

**Federal Support**
- Eagle Creek Fire Response
- 126 Hurricane / Wildfire volunteers since 2017
- Task Force Power Restoration
  - Puerto Rico

**DOD Support**
- Overseas Contingency Operations Support
  - 318 deployed to Iraq / Afghanistan since 2001
7. TRIBAL TRUST
Fulfilling our unique responsibilities to Indian tribes through pre-decisional consultation, protection of trust resources, recognition of Treaty reserved rights, and partnering on water resources projects.

Recent Accomplishments
• Regulatory conducted 382 Section 106 (National Historic Preservation Act/NHPA) consultations with tribes.
• 11 formal government-to-government meetings at the senior leader (DE or DPM) level; regular formal and informal engagement at staff level.
• FCRPS Cultural Resources Program (Wana Pa Koot Koot) moved the Maryhill petroglyph to Columbia Hills State Park to prevent water damage.

Current Projects
• 2008 Columbia Basin Fish Accords implementation – Lamprey passage design, construction and operations at BON, TDA and JDA.
• Bank stabilization projects to protect cultural resources.
• Outreach to tribes on water resources project partnership opportunities through existing authorities (Tribal Partnership Program).
Recent Accomplishments
• Over 5M annual visitors
• 2,953 volunteers provided estimated value of $1.25M in FY17.
• Over 40 active partnerships with public and non-profit organizations

Current Projects
• Update of Visitor Orientation Building exhibit panels at Bonneville.
• Installation of electrical power to volunteer yurt at Philippi Park on John Day River.
9. REGULATORY PROGRAM

Committed to protecting the Nation’s aquatic resources and navigation capacity, while allowing reasonable development to occur through fair and balanced decisions.

We administer and enforce:

- **Section 10 Rivers & Harbors Act** (1899) – a permit is required for work or structures in, over or under navigable waters of the United States (i.e., dredging, buoys, and docks).
- **Section 404 of the Clean Water Act** (1972) – a permit is required for the discharge of dredged or fill material into waters of the United States, including wetlands (i.e., roads, utility lines, and fill pads).
- **Section 103 of the Marine Protection, Research and Sanctuaries Act** (1972) - permits for the transportation of dredged material for the purpose of dumping it into ocean waters.
Recent Accomplishments
• Hult Pond Dam and Amistad Dam technical assistance
• Technical support to local Diking Districts

Current Projects
• Mt. St. Helens/Spirit Lake Tunnel - gate replacement study & wood debris and removal
• GDACS installation at Bureau of Reclamation dams
• Dept. of Veterans Affairs – Portland Medical Center Seismic Upgrade / Rehabilitation Project
  - Top of hill / tight site
  - Hospital will remain operational
  - Phased project
  - New construction for “Special Care Building” provides swing space
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<td>John Day Drainage Gallery Repairs</td>
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<td>Contract Description</td>
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<td>Clamshell Dredging (annual requirement)*</td>
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<td>Gate Attendant (recurrent)</td>
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<td>Bonneville Floating Orifice Gates</td>
<td>Supply</td>
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*Already awarded
WORKPLAN

Programmatic funding provided by Congress that supplements the President’s Budget request.

Portland District Workplan Funding

• Total Received: $13,328,000
  - $9,602,000 for additional dredging for the Columbia River, Coos Bay, Coquille River, Rogue River at Gold Beach, Siuslaw River, Skipanon Channel, and Umpqua River Federal Navigation Channels
  - $2,400,000 for repairs to pile dikes, navigation locks, jetties, and other navigation structures
  - $1,326,000 for disposal of dredged material planning and environmental compliance

Storm Supplemental Funding

• TBD (Pending release by the Administration)
CONTRACTING & SMALL BUSINESS INFORMATION

Federal Business Opportunities: www.fbo.gov/
  – Keyword/Solicitation # W9127N
Washington State Procurement Technical Assistance Centers: washingtonptac.org/
Oregon State Procurement Technical Assistance Center (PTAC): www.gcap.org/

HOW TO REACH US

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Don Erickson
Chief, Programs Management Branch
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503-808-4701
QUESTIONS?
Back-Up Slides
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<tr>
<th>Contract Number</th>
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<th>Contractor</th>
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<th>Remaining Capacity*</th>
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<td>W9127N-16-D-3000</td>
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