FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM (FUSRAP)
- Program Update

Ms. Nicki Fatherly, R.G.
National Program Manager
HQ – Washington, D.C.

RadWaste Summit
08 Sep 2016
Overview

- Program Mission and History
- Program Overview
- 2016 Review
- Program Outlook for 2017:
  - Focus Topic:
    - USACE Management Structure

- FUSRAP Speakers:
  - Ms. Jo Anne Wade, Project Manager, St. Louis District
    - “St. Louis North County Sites”
  - Mr. Steve McCabe, GIS Specialist, Buffalo District
    - “Multi-Model Approach for Soil Volume Estimates and 3D Visualizations”
FUSRAP Program History

- 1974 - Atomic Energy Commission (AEC) created a survey program, to determine if additional decontamination was required at former Manhattan Engineering District (MED) & AEC activities related early atomic weapons program

- 1977 - DOE assumed AEC’s responsibilities and formalized the program to identify and survey sites

- 1997 - Congress transferred execution of FUSRAP cleanups to USACE.
  - FY 98 Energy & Water Appropriations Act
  - DOE retained referral and long term management responsibilities (now DOE – Legacy Management (LM))
USACE FUSRAP Program

Identify, evaluate and cleanup or control sites where residual radioactivity exceeding current guidelines remains from MED/AEC contract activities.

- Use CERCLA process (Comprehensive, Environmental, Response, Compensation and Liability Act aka “Superfund”)
  - Directed to perform Cost Recovery activities (DOJ – lead)
- Perform work in NPL, NRC License and DoD environments
- Sites can only be added to the USACE program through referral from DOE LM or congressional action
- Need to negotiate access to Industrial, Residential, Public Areas to perform work
Clean-Up Criteria

Cleanup Approach is to Follow CERCLA/NCP Process & Related 9 Criteria (40CFR300), Including:

- Complying with ARARs (Applicable or Relevant and Appropriate Requirements)
- Ensuring Adequate Protection of Human Health and Environment
- Community & Stakeholder Involvement
Types of Contamination

- **Uranium Mill Tailing (11e(2)) Material**
  - Defined under Atomic Energy Act (AEA) of 1954, Amended in 1974 as Uranium Mill Tailings Radiation Control Act (UMTRCA)
  - Uranium
  - Thorium
  - Radium
  - Decay Products

- **RCRA Regulated Waste (Heavy Metals)**

- **Waste Streams - Soil, Building Debris, mixed waste, water, investigation derived waste (IDW)**
USACE FUSRAP Site List - (25)

CT
- CE
- IAAAP

IA
- Joslyn Mfg.

IN

MA
- Shpack

MD
- WR Grace

NJ
- DuPont
- Maywood
- Middlesex Sampling Plant
- Middlesex Municipal LF

OH
- Luckey
- Harshaw
- Painesville

MO
- SLDS
- North County Sites:
  - SLAPS
  - SLAPS VPs
  - HISS/Latty Ave.

NY
- Colonie
- Guterl Steel
- Linde
- NFSS
- Seaway
- Tonawanda LF
- Sylvania-Corning Plant

PA
- SLDA
- Superior Steel

- Congressional Add

RA Complete – Close Out Process Initiated (except Latty)
FY 2016 in Review
(as of 30 AUG 2016)

- Budget Increase – From 104M to 112M (8M)
  - Used on St. Louis North County Sites and Maywood Site
  - Current Budget estimate for 2017 is 103M

- Execution Performance
  - Completed the Colonie Site RI (Dust)
  - Disposed of over 85,000 cu yds of contaminated soil

- West Lake Landfill Superfund Site
  - H. R. Bill 4100 – Would transfer this site to FUSRAP Program thru Congressional Action
Program Outlook for 2017

► Issues
  - New administration
  - Expect budget constraints to continue
  - Rate of cleanup progress continues to slow
  - Contract awards taking more time
  - Continuing Resolution (CR)
    - 1Q & 2Q at a minimum

► Goals
  - Maximize use of funding received
  - Plan for return of Sequestration in FY 2018 or other funding constraints

► 2018
  - Start a backlog of sites ready to bid, but can not start until a current site finishes
USACE Mission Areas

**BUILDING STRONG – USACE Supports the Army and the Nation**

**Military Programs**
- Military Construction
- COCOM Support, Overseas Contingency Operations (OCO)
- Installation Support, Environmental, Energy and Sustainability

**Civil Works**
- Navigation, Hydropower
- Flood Control, Shore Protection
- Water Supply, Regulatory
- Recreation, Disaster Response
- Environmental Restoration

**Homeland Security**
- Critical Infrastructure
- Anti Terrorism Plans
- Intelligence
- Facility Security Partnership

**Interagency Support**
- Federal
- State
- Local
- International

**Real Estate**
- Acquire, Manage and Dispose
- DoD Recruiting Facilities
- Contingency Operations

**Research & Development**
- Warfighter
- Installations & Energy
- Environment
- Water Resources

**Geospatial Support**
- Support to Civil Works Programs
- Support to Military Programs
- Common Operating Picture/Environment
- Support to Emergency & Contingency Ops

USACE Has a Diverse Mission Set Driven by Diverse Customers
Military Programs - Environmental

Executed $1.6 billion in environmental program and project management in FY15

- Formerly Used Defense Sites (FUDS)
- Installation Restoration Program (IRP) [Army and Air Force]
- Base Realignment & Closure (BRAC-ER)
- Environmental Quality (EQ)
- Defense State Memorandum of Agreement (DSMOA)
- Deactivated Nuclear Power Plant Program (DNPPP)
- Native American Lands Environmental Mitigation Program (NALEMP)
- EPA Superfund
- Support to Other Federal Agencies (IIS-E)
- Formerly Utilized Sites Remedial Action Program (FUSRAP)
USACE is Regionally Aligned; Globally Responsive

Engagement (132+ Countries)  Physical Presence (43 Countries)

Northwestern Division
(Portland)

North Atlantic Division
(New York City)

South Atlantic Division
(New York City)

Trans-Atlantic Division
(Winchester, VA)

Pacific Ocean Division
(Huntington)

33K civilians have deployed to contingency operations; 11K from USACE
USACE Organization and Manpower

Civilian Full Time Equivalents (FTE) and Uniformed End Strength (ES)

HQUSACE: 927 FTE (3%) (46 Uniformed Military)

Division HQs: 872 FTE (2%) (27 Uniformed Military)

Districts: 29,248 (83%) (301 Uniformed Military)

ERDC, Centers, FOAs: 4,120 FTE (12%) (31 Uniformed Military)

Prime Power: 30 FTE (343 Uniformed Military)

FEST Teams: 102 FTE (24 Uniformed Military)

USACE Total: 35,683 FTE (782 Uniformed Military)

35,683 Employees
30,000 Contractors
5,000 A-E Firms

Critical Technical Resource
Perform >65% of Planning and Design

Unlimited Capability
Perform 100% of Civil Works and Military Construction

USACE maintains a balance between in-sourced and outsourced work.

Workforce size driven by customer programs – 95% FTE project funded.
USACE is a “Cost Reimbursable” Agency

$ Income $  
(for Projects)

Military Interdepartmental Purchase Requests (MPRs)
Funding Authorization Documents (FADs)
Contributed Funds

$ Expenses $  
(for Workforce / Overhead)

Salaries
Contracts
Equipment
Supplies
Facility Services
Rent
Other

Districts must cover their costs to fund their workforce and overhead costs / initiatives
Most Programs Operate in only ONE Directorate

Civil Works Directorate
Headquarters
--
Program Integration Division

Military Directorate
Headquarters
--
Environmental Division

USACE Divisions
Three
(MVD, LRD, NAD)

USACE District Project Managers
Seven
(NAE, NAN, NAP, NAB, LRB, LRP, MVS)

FUSRAP Operates in TWO Directorates

Energy & Water Appropriation

FUSRAP Budget Management

FUSRAP Program Execution

Environmental and Munitions Center of Expertise (EM CX)

Consulting & Review

Kansas City District
Technical Support Team

BUILDING STRONG®
Contact Info

Nicki Fatherly, R.G.

nicki.fatherly@usace.army.mil

U.S. Army Corps of Engineers

Headquarters
441 G St., NW
#3Q50 – CEMP-CEP
Washington, DC
O: (202)761-0629