Organization Overview
and
Environmental Health Engineering Services

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### Organization Overview and Environmental Health Engineering Services

**Abstract**

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Presentation Outline

• Overview of Transition to Army Public Health Command
  • History
  • Capabilities
• Environment Health Initiatives
  • Integration with Veterinary Services
  • Support to EO 13514
History of USAPHC (Provisional)

1942: Army Industrial Hygiene Laboratory, Johns Hopkins University

1945: Moved to Chemical Warfare Center, Edgewood, MD

1960: Became U.S. Army Environmental Hygiene Agency (USAEHA)

1995: USAEHA formed basis for the U.S. Army Center for Health Promotion and Preventive Medicine.

2009: USACHPPM became USAPHC(Prov)
Army Public Health Command (Provisional) (formerly USACHPPM)

- Public health and wellness consultants for the Army
- Expertise in field preventive medicine, environmental and occupational health, health promotion, epidemiology, toxicology, and related laboratory sciences, and health risk communication
- Apply preventive medicine expertise in both garrison and deployed settings

**Specialized Initiatives:**
- Public Health Information Systems
- Army Hearing Program
- Analytical Chemistry Laboratory
- Injury Prevention
- Health Information Operations
- Behavior & Social Health Outcomes Program
- Public Health Assessment Program
- Deployment Environmental Surveillance
Locations

CHPPM – West Ft. Lewis, Washington
CHPPM – South Ft. Sam Houston, Texas
CHPPM – North Ft. Meade, Maryland
CHPPM – Headquarters APG, Maryland
CHPPM – Europe Landstuhl, Germany
CHPPM – Pacific Korea
CHPPM – Pacific Camp Zama, Japan
History of VETCOM

- 1916: Army Veterinary Corps established
- 1973: DCVS positions established within Health Services Command
- 1980: Army Veterinary Corps became the Executive Agent for DoD Veterinary Service
- Task Force Aesculapius recommended formation of Veterinary Command to address
  - Inconsistent resourcing
  - Lack of standardization of processes/services
  - Duplication of guidance/oversight. Command vs Technical
  - Lack of flexibility in resource cross leveling
- 1994: VETCOM activated with HQ at Ft. Sam Houston Texas
VETCOM Mission

Food Safety/ Defense
- Sanitation Audits/ Approved Sources
- Special Events Food Defense Teams
- Operational Rations/ DFACS/DeCA/AAFES
- Food and Water Vulnerability Assessments

Animal Medicine
- Military Working Dogs
- Other Government Owned Animals
- Privately Owned Animals
- Human-animal bond program support

One Health – One Medicine
- Public Health Team
- Zoonotic Disease

Trained Soldiers
- OIF/OEF/HOA/GWOT
- Humanitarian Assistance/Civil Affairs
- Special Taskers-Department of State, Secret Service, USDA, COCOMS
Installation Veterinary Support

- MWDs: 3,282
- Marine Mammals: 105
- Veterinary Clinics: 188
- Outpatient Visits: 592,789
- Subsistence: $12.5 Billion
- Audits: > 3,504
- Countries: 83
- Lab Animals: >340,000
- Research Facilities: 31
Public Health Command CONOPS

Integration Opportunities

- Disease prevention and control
- Field preventive medicine
- Environmental health
- Health surveillance and epidemiology
- Laboratory services
- Health risk assessment
- Zoonotic disease surveillance and control
- Food safety and food defense quality assurance programs

Emerging Programs

- Army Wellness Centers
- NAF One Fund
- Educational and Developmental Intervention Services (EDIS)
- First Year Graduate Medical Education
- Community Health Promotion Councils

Preventive Medicine
(AR 40-5)
Disease prevention and control

Field preventive medicine

Environmental health

Occupational health

Health surveillance and epidemiology

Soldier, family, community health, and health promotion

Toxicology

Laboratory Services

Health risk assessment

Health Risk Communication

Veterinary Health Services
(AR 40-3, AR 40-656, AR 40-657, AR 40-905)

Veterinary Medical care for Government-Owned Animals

Zoonotic disease surveillance and control

Food safety and food defense quality assurance programs

Veterinary Medical care for Privately-Owned Animals

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United States Army Public Health Command

IOC
1 October 2010
MISSION: Enhance Readiness and Health by Providing Worldwide Support to Environmental Health & Environmental Quality Programs of the United States Army and DOD

CAPABILITIES

• Multidisciplinary Team – Scientist, Engineers, Technicians
• Full Spectrum Environmental Health & Engineering support
• Technical/Intellectual Capital & Reach back capability
• Implied Mission – training junior military and civilians
• Influence EH Programs through Oversight Activities
• Adding Public Health value through reimbursable work
Environmental Health Initiatives

• Integration with Veterinary Services
  – Food Defense and Water Security

• Support to EO 13514
  – Army Green Procurement
  – Army Environmental Management Systems
  – Water Conservation Plans
• Preventive medicine and veterinary service collaboration

• Water Vulnerability Assessments required by federal law

• Food VAs required by DODI and AR

• Annual installation updates

• IMCOM Triennial Higher Headquarters Assessment Team evaluation
Special Events

• DOD and DA special events
• High Profile and Senior Leader Guests
• Food and Water Defense Team
• Assess/Protect from Intentional Contamination
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  – Army Environmental Management Systems
  – Water Conservation Plans
Army Green Procurement (GP)

- GP is a key to Sustainability
- GP can:
  - benefit the environment,
  - conserve energy,
  - protect public health.
- PHC assists Army installations through GP training, GP plans, and GP audits.
- Green products include:
  - citrus-based cleaners,
  - recycled-content office paper,
  - energy-efficient light bulbs, or
  - low-VOC paints.
PHC tasked by the Assistant Chief of Staff for Installation Management to spearhead the advancement of the Army Green Procurement Program (GPP). Tasks planned for FY10-FY11 include:

- Army Strategy Document (draft completed)
- Army Policy Update
- GPP Program Review Protocol Development (completed)
- GPP Program Reviews for two installations (1st scheduled Aug 10)
- Installation GPP Development Guide (initiated)
- Updating training curriculum and existing audit protocols
- Developing and providing train-the-trainer classes for DAU instructors and Program Management Reviewers
PHC supports Office of the Director of Environmental Programs:

• Meet annual reporting requirements for “Sustainable Acquisition Practices: Green Purchasing, Waste Management, and Chemicals Management”
  – Compiling and entering data and information
  – Data review and trend analyses
• Represent ODEP in Army and DOD work groups and at conferences such as E2S2
• Technical support to ODEP and installations
• EMS required by EO 13543
• EMS a tool to manage impacts on the environment and human health
• PHC supports ACSIM, USAEC, and installations to
  – perform EMS audits,
  – provide EMS assistance, and
  – conduct training.
• PHC has the Army’s only RAB-QSA certified EMS Lead Auditors.
E.O. 13514 *extends* existing water conservation *requirements* by five years:

- Reduce *potable* water use intensity by 2 percent annually *through FY 2020* (for a cumulative 26 percent reduction by year-end FY 2020) relative to an FY 2007 baseline
- Preliminary assessment: it’s going to be tough
• PHC Balanced Scorecard Objective
  – Water conservation plans at CONUS MTFs
  – Supports MEDCOM Sustainability Balanced Scorecard
• PHC to develop 34 MTF Conservation Plans by FY14
• Protocol Developed
• Training to Regional PHC Elements
• Regional Execution
Defend Against the Elements!
Practice Sun Safety and Stay Hydrated.

Sun Safety and Hydration Products

http://phc.amedd.army.mil