95th Civil Support Team
Weapons of Mass Destruction

LTC Gregory Potter
Commander

1SG John Hryndej
First Sergeant
Civil Support Teams (WMD)

22 Full Time Army and Air National Guardsmen whose primary mission is to support civil authorities.

24 hours a day, 7 days a week.

1200 to 1800 hours of certified individual training.

Completed US Army CBRNE training.

Police/Fire/EMS and HAZMAT training.
All Hazardous Response Team

9-11 World Trade Center  Space Shuttle Columbia  Hurricane Katrina  Earthquakes

Fires  Riots  Floods

95th CST(WMD) Hayward, CA  Gregory.Potter1@us.army.mil  (510)780-1395
CA CST’s (WMD) Primary Area of Responsibility

95th CST (WMD)  
250 mile Radius response – Bay Area (#1 priority)

9th CST (WMD)  
250 mile Radius response – LA Area (#1 priority)
Survey Team Capabilities

- California HAZMAT Technician / Specialist Qualified
- Conduct reconnaissance
- Sample collection operations
- Confined Space Training
- Rescue Systems Qualified
- Joint Hazard Assessment
Survey Team Capabilities

Provides the CST Commanders with capabilities to:

• Assess unknown hazards in a contaminated environment

• Obtain hazard signature using a variety of CBRNE detection gear

• Collect samples for analysis in the ALS and reach back labs
Survey Team Capabilities

**CHEMICAL DETECTION**

**Point Detection**
- Multi RAE five gas meter
- ICAM vapor CWA detection

**Area Monitoring**
- Area RAE gas and radiological
- ACADA CWA detection

**Detection**
- FTIR / RAMAN Detection Systems
- First Defender Raman non-invasive
- Hazmat ID Infrared Laser

**SAMPLING**
- Certified clean containers
- Uniquely numbered sample containers

**Sample Types**
- Air
- Liquid
- Wipe/Swab
- Solid/Soil
- Sludge
- Vegetation
- Powder/Crystalline

**RADIOLOGICAL DETECTION**

**Military Detection Gear**
- UDR-13 personal dosimetry
- PDR-77, VDR-2 Alpha, Beta, Gamma detection
- Gamma Spectroscopy

**Field SPEC Isotope Identification**
- Spectra download for reach back analysis (DOE)
Operations Capabilities

- Site Safety Plans
- Liaison with higher and follow on DOD elements
- Unit synchronization
- Pre-incident Threat Analysis
- C4 (Command, Control, Computers and Communications)
- Aerial Photography and Satellite imagery
Modeling Capabilities

- Provides information on population and support facilities using Homeland Security Infrastructure Program (HSIP)
- Provides Down-range Hazard plume modeling.
- Reach back with National Atmospheric Release Advisory Center (NARAC) and Defense Threat Reduction Agency (DTRA)
- Joint Effects Model (JEM)
- Consequence Assessment Tool Set (CATS)
- Hazardous Predictions And Assessment Capabilities (HPAC)
- GIS integration and Analysis
- CAMEO
- Local GROOVE and National DTRA
60 Minute Model
Communications Capabilities

- Iridium Phone
- Secure Cell
- STAR C JSOTF
- Ku Subsystem
- GPS Tracker
- VHF/UHF AM
- UHF MHz
- Inmarsat B
- IP VTC
- VOIP Phones (nonsecure)
- VHF FM
- 2.4 GHz Wireless
- Down Range Camera
- NIPRNET/LAN Radio Remotes
- TOC

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Medical Capabilities

- 1 Physician Assistant
- 1 Medical Operations Officer
- 1 Healthcare Non-commissioned Officer

Medical Capabilities Include:
- Oversees medical care of CST Personnel while deployed
- Advise on Treatment of WMD and All Hazards Casualties
- Coordinate Civilian and Military Air and Ground Evacuation assets
- Coordinate and Integrate Medical Support at the Site or at the Health Care Facilities
- Medical Intelligence
- Technical Reference

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Science Capabilities

1 Science Officer
1 Healthcare NCO

Science Capabilities:

- Equipped to conduct laboratory based presumptive analysis of WMD samples on site.
Analytical Laboratory Systems (ALS)

- **Biological**
  - LFA Handheld (immuno assay)
  - JBAIDS RT-PCR (DNA amplification)
  - M1M - Toxin detection Electrochemoluminescence (immuno assay)
  - Polarized Light Microscope (bacterial/particle analysis)

- **Chemical**
  - Gas Chromatograph/Mass Spectrometer - Analysis of Volatile Organics (CWA/TIC/TIM)
  - Fourier Transforming Infrared (FTIR) (Solid, particle, liquid analysis)

- **Radiological**
  - Data analysis and interpretation
Decontamination Capabilities

- Two-Person Technical Decon Team for Responders
- Chemical, Biological & Radiological Decon
- Self Contained Decon
Summary

- Reach back capabilities
- Technical reference
- Rapid deployment
- CBRNE Expertise
Cycle of Response

Governor

California National Guard
916-854-3440

95th Civil Support Team (WMD)
1525 West Winton Ave #9
Hayward, CA 94545
510-780-0683
95th CST Missions

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QUESTIONS?

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