

# Federal Resources Overview

Rae Walker



**TEXAS**  
Health and Human  
Services

Texas Department of State  
Health Services

# Federal Resources

## Situational Assessment Support & Field Team Augmentation



Texas Department of State  
Health Services

# Federal Resources

## Situational Assessment Support & Field Team Augmentation



# Federal Situational Assessment Resources



- Full CBRNResponder Network launched July 2019
- CBRNResponder is a free, single-sign-on, secure platform for all chemical, biological, radiological, and nuclear (CBRN) incident data sharing and multi-hazard event management



RadResponder



BioResponder



ChemResponder



IMAAC Portal



Texas Department of State  
Health Services

# Federal Situational Assessment Resources

## CBRNResponder.net (RadResponder)

Integrate Raw Data



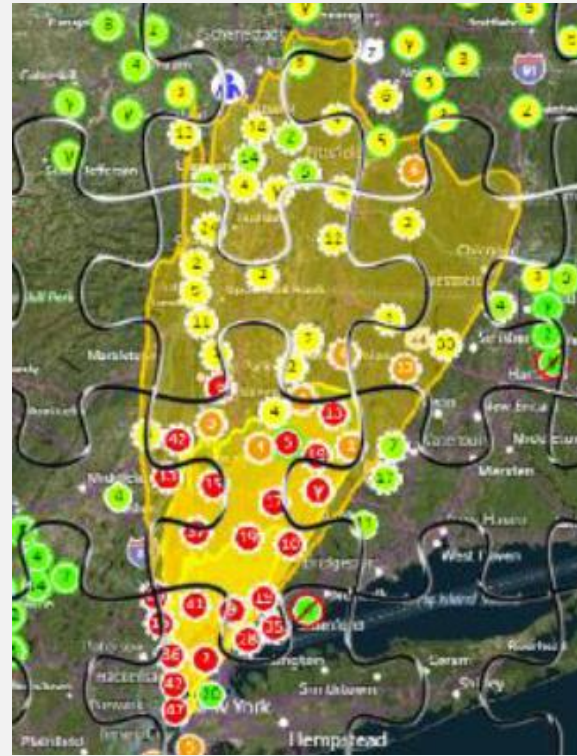
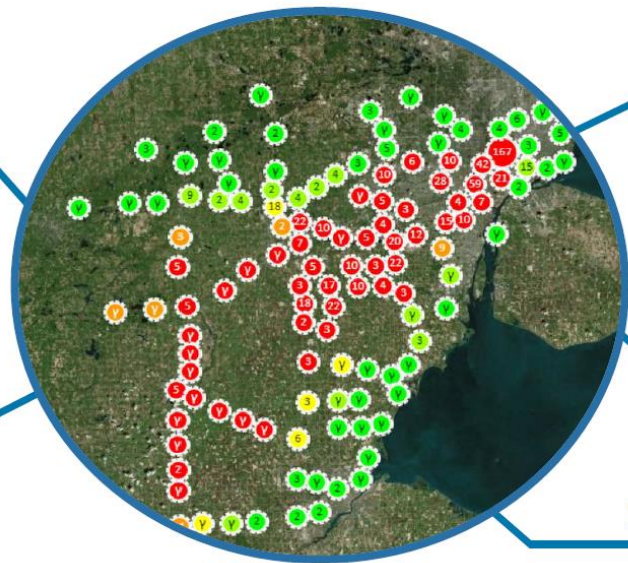
Mobile Application

Fixed Monitoring

Website Entry

API Equipment

Mobile Surveys



Texas Department of State Health Services

# Federal Situational Assessment Resources

- EPA's Live RadNet site is <https://www.epa.gov/radnet/radnet-near-real-time-air-data#radnet-dashboard>



# Federal Situational Assessment Resources

## EPA RadNet (12 Texas Locations)

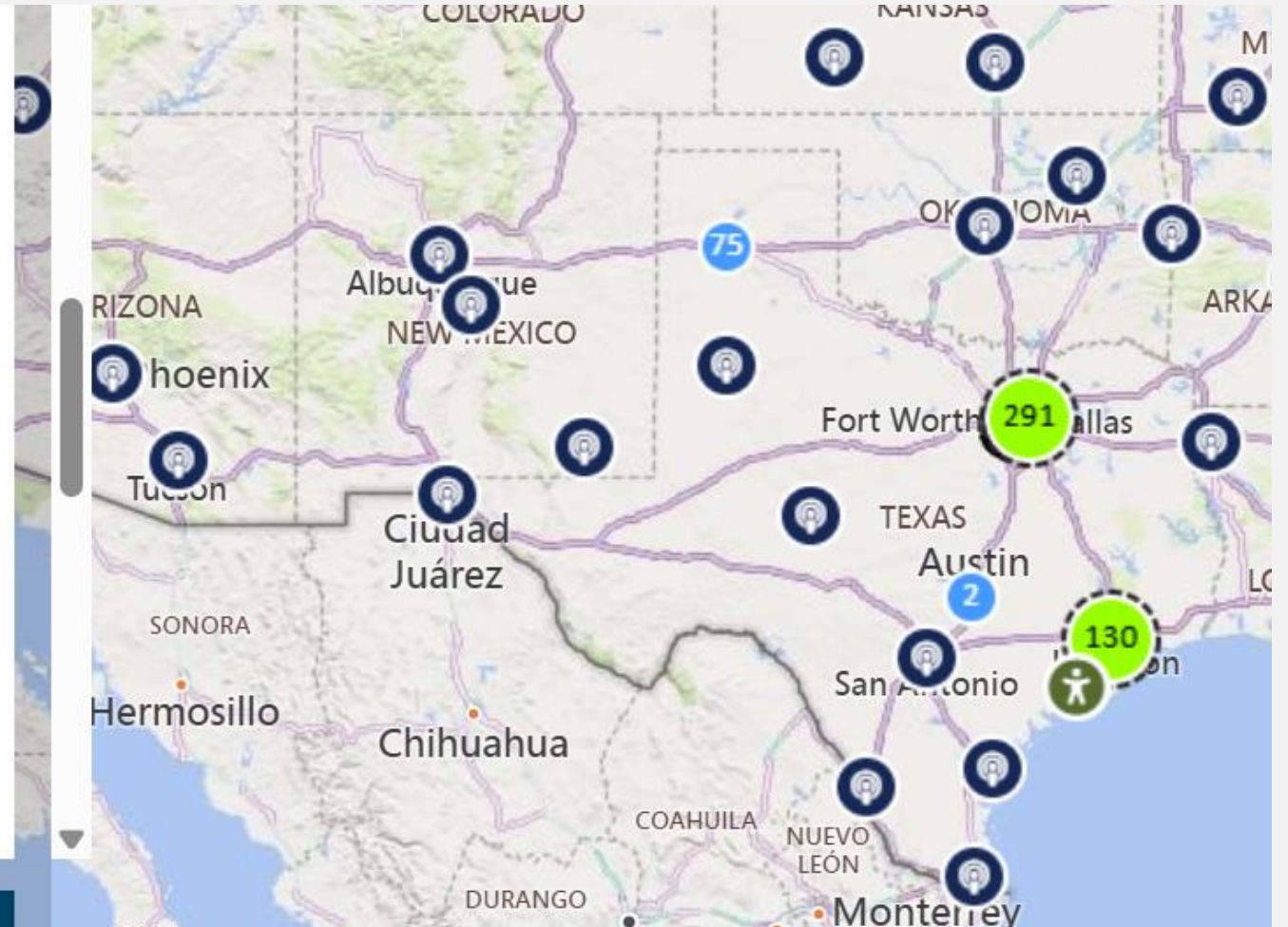
TX: AMARILLO	Gamma Gross Count Rate & Gamma Exposure Rate
TX: AUSTIN	Gamma Gross Count Rate & Gamma Exposure Rate
TX: CORPUS CHRISTI	Gamma Gross Count Rate & Gamma Exposure Rate
TX: DALLAS	Gamma Gross Count Rate
TX: EL PASO	Gamma Gross Count Rate & Gamma Exposure Rate
TX: FT. WORTH	Gamma Gross Count Rate & Gamma Exposure Rate
TX: HARLINGEN	Gamma Gross Count Rate
TX: HOUSTON	Gamma Gross Count Rate & Gamma Exposure Rate
TX: LAREDO	Gamma Gross Count Rate & Gamma Exposure Rate
TX: LUBBOCK	Gamma Gross Count Rate & Gamma Exposure Rate
TX: SAN ANGELO	Gamma Gross Count Rate & Gamma Exposure Rate
TX: SAN ANTONIO	Gamma Gross Count Rate



Texas Department of State Health Services

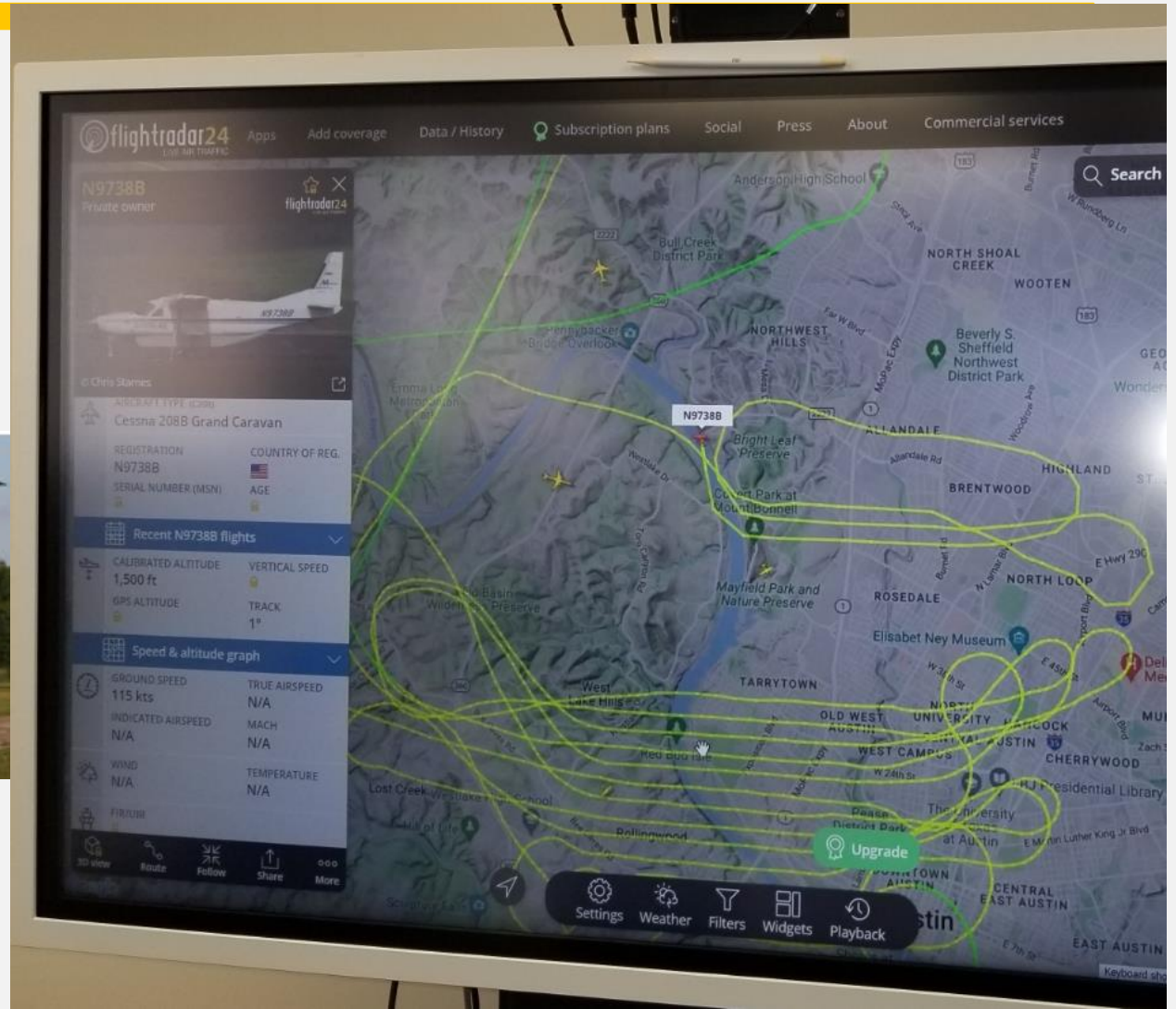
EPA RadNet Location...

Display the EPA's RadNet locations on the map



# Federal Situational Assessment Resources

- EPA's ASPECT - Airborne Spectral Photometric Environmental Collection Technology



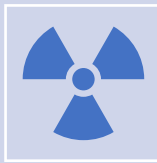
Services

Texas Department of State  
Health Services

# Federal Radiological Monitoring Assessment Center (FRMAC)



## Situational Assessment Support



CMHT: Assists states with assembling and interpreting data to provide for public and worker safety and minimize the social and economic impacts of a rad/nuc event



NARAC: provide timely and accurate real-time assessment advisories/map products to emergency managers for rapid decision-making



# FRMAC Deployable Assets



**RAP/CMRT:** An advance party typically arrives within 2-6 hours, with full, self-sufficient, and specialized teams established within 24-36 hours.



**AMS:** Airborne rad detection systems to provide real-time measurements of low levels of air/ground contamination



**REAC/TS:** Emergency medical and health physics support teams for dose assessments, diagnosis, treatment, and consultation for all types of radiological injuries/illnesses

# VHA Medical Emergency Radiological Response Team

- All members are full time employees within the VA Healthcare System and have primary duties that have routine patient contact and/or patient related duties
  - NRIA response asset; operates under the VHA OEM
  - VHA Health Physicists, Physicians, Area Emergency Managers and Emergency Pharmacy Service.
    - 35 Member Team at full capacity (scalable)
    - Strike Team: 1 Physician, 2 Health Physicists, 1 AEM
    - Additional strike teams deployed as needed for mission
  - Deploy within 48 hours of notification to individual medical facilities to render patient treatment and technical advice.
    - Virtual deployment via video or telephonic conference for consultation



# MERRT Duties During Incident

- Provide initial and ongoing surveys for presence and identification of radiological materials.
- Implement defensive radiological mitigation practices
- Provide just in time training
- Provide assistance and consultation to medical and community responders regarding radiological and other hazardous materials
- Ensure decontamination procedures are performed properly and completely.
- Integrate with and train appropriate hospital/responding staff to coordinate patient care and monitoring.



# Radiation Injury Treatment Network

1. Baylor University Medical Center
2. MD Anderson Cancer Center
3. Texas Children's Hospital
4. Austin St. David's Medical Center



# Available Federal Resources

## Federal Advisory Team

### The A Team

- CDC – Center for Disease Control
- DOE – Department of Energy
- EPA - Environmental Protection Agency
- USDA – US Department of Agriculture
- FDA – US Food and Drug Administration
- And many more.....
  - Supports State & Local Response Efforts
    - Dose Projections & Protective Action Recommendations
    - Environmental Monitoring & Long-Term Recovery Efforts



# Advisory Team (A-Team) for Environment, Food and Health



**EPA**



**U.S. FOOD & DRUG  
ADMINISTRATION**



**George Brozowski – EPA  
Preparation For World Cup**



# What is the A-Team?

- The Advisory Team for Environment, Food and Health
- Assists in domestic and international nuclear/radiological incidents
- Membership includes CDC, EPA, FDA, USDA, other federal agencies as needed



Current Chair



# A-Team Mission

- Develop coordinated recommendations on environmental, food, public health, and animal health issues during nuclear/radiological incident(s).





# A-Team Establishment

- The A-Team is identified in the Nuclear/Radiological Incident Annex (NRIA 2023) as one of the specialized federal assets that can be requested in response to a nuclear/radiological incident.
- The NRIA describes the policies, situations, concepts of operation, and responsibilities of federal agencies in response and short-term recovery to nuclear/radiological incidents.



Nuclear/Radiological Incident Annex to the  
Response and Recovery Federal Interagency  
Operational Plan

May 2023



Homeland  
Security

Search “**FEMA NRIA**”  
using any search engine  
to download this document



# What Do We Provide?

Advice related to the EPA and FDA PAGs and their application to the incident.

Protective action recommendations utilizing FRMAC data and assessment mapping products.

Advice related to environmental assessments (field monitoring) required for developing recommendations.

Protective active recommendation utilizing FRMAC data and assessment mapping products.

A-Team will integrate with IC and others related to relocation, reentry and other radiation protection measures (such as administration of KI).

Advice and recommendations to prevent or minimize the contamination of milk, food and water from the incident.

Advice and recommendations to minimize the losses of agricultural resources from contamination.



Nuclear/Radiological Incident Annex to the  
Response and Recovery Federal Interagency  
Operational Plan

May 2023



Homeland  
Security

Search “**FEMA NRIA**”  
using any search engine  
to download this document



# What do we NOT provide?

- We do NOT provide policy decisions
- We do NOT provide protective action decisions
- We do NOT provide media interviews as A-Team members



# A-Team Contact Information and Website



- To request Advisory Team support for **exercises and outreach**, please go to our NEW website: [www.epa.gov/advisory-team](http://www.epa.gov/advisory-team) (or search “**EPA Advisory Team**” by use any search engine)

The screenshot shows the EPA website header with the EPA logo and navigation menu. The main content area features the title 'Radiological Preparedness & Response: Advisory Team for Environment, Food and Health' and a 'Request Support' button. The page also includes logos for USDA, CDC, EPA, and FDA, and a description of the Advisory Team's role.

**EPA** United States Environmental Protection Agency

Search EPA.gov

Environmental Topics ▾ Laws & Regulations ▾ Report a Violation ▾ About EPA ▾

CONTACT US

## Radiological Preparedness & Response: Advisory Team for Environment, Food and Health

**USDA**

**CDC**

**EPA**

**FDA**

### Advisory Team

The Advisory Team for Environment, Food and Health is a radiological emergency response group whose federal members provide state, local, tribal, and territorial (SLTT) governments with health and safety recommendations.

### Request Support

To request Advisory Team support for non-emergency situations, such as exercises, outreach, or to send us questions or comments, please select the button below to submit inquiries.

**Request Support**

# Radiological Emergency Preparedness

## Federal Planning & Training Resources

### **Radiological/Nuclear Terrorism (RDD/RED/IND/NUC)**

- DHS-FEMA/DOE RDD Guidance
- CRCPD RDD Guidance
- CDC Population Monitoring Guidance
- CDC Decedent Handling Guidance
- DHS-FEMA Response to Nuclear Detonation Guidance

### **REMM Website**

### **Nuclear Plants**

- FEMA REP Program

### **Transportation**

- TEPP/MERRT

### **Licensee**

- NRC RAMP

### **HPP/PH**

- ASPE-SNS & MCM
- RITN
- CDC POD-to-CRC





**TEXAS**  
Health and Human  
Services

Texas Department of State  
Health Services

# Thank you!

**Rae Walker, Emergency Preparedness & Response Coordinator**  
**DSHS Consumer Protection Division – Radiation Program**  
**[Rae.walker@dshs.Texas.gov](mailto:Rae.walker@dshs.Texas.gov)**