

# CARLSBAD TOWN HALL MEETING

---

U.S. Department of Energy  
Waste Isolation Pilot Plant (WIPP)

May 22, 2014



# Meeting Agenda

- Opening Comments – Mayor Dale Janway
- Panel Member Introductions – John Heaton (Moderator)
- CBFO Manager Remarks – Joe Franco
- Update on Phase 3 Activities – Jim Blankenhorn
  - May 15 Entry
  - May 19 Entry
- CEMRC Monitoring Update – Russell Hardy
- Audience Questions
  - One question at a time please

# OPENING COMMENTS

---

**Joe Franco, CBFO Manager**

# This Week's Events

- Report from recent trip to Washington, D.C.
- NMED Administrative Order
- May 15 and May 19 entry updates
- Next steps



# UPDATE ON RECOVERY ACTIVITIES

---

**Jim Blankenhorn, NWP Recovery Manager**

# Event Investigation Continues

## May 15 Entry

- Camera captured photo of breached waste container with heat discoloration
- Container identified as a LANL drum containing nitrate salts and organic absorbent
- National Laboratories are analyzing elements that were in the drum to better determine what might have caused the chemical reaction

# Event Investigation Continues

## May 15 Entry



# Event Investigation Continues

## May 19 Entry



- Used a boom with rope camera that was lowered between columns of waste
- Damage to slip sheet and magnesium oxide bag
- Continued to observe heat damage
- Continue to evaluate video
- Next entry to focus on specific locations and to collect samples

# CEMRC MONITORING UPDATE

---

**Dr. Russell Hardy, Director CEMRC**

# **Carlsbad Environmental Monitoring & Research Center**

Mayor's Town Hall Presentation 5/22/14

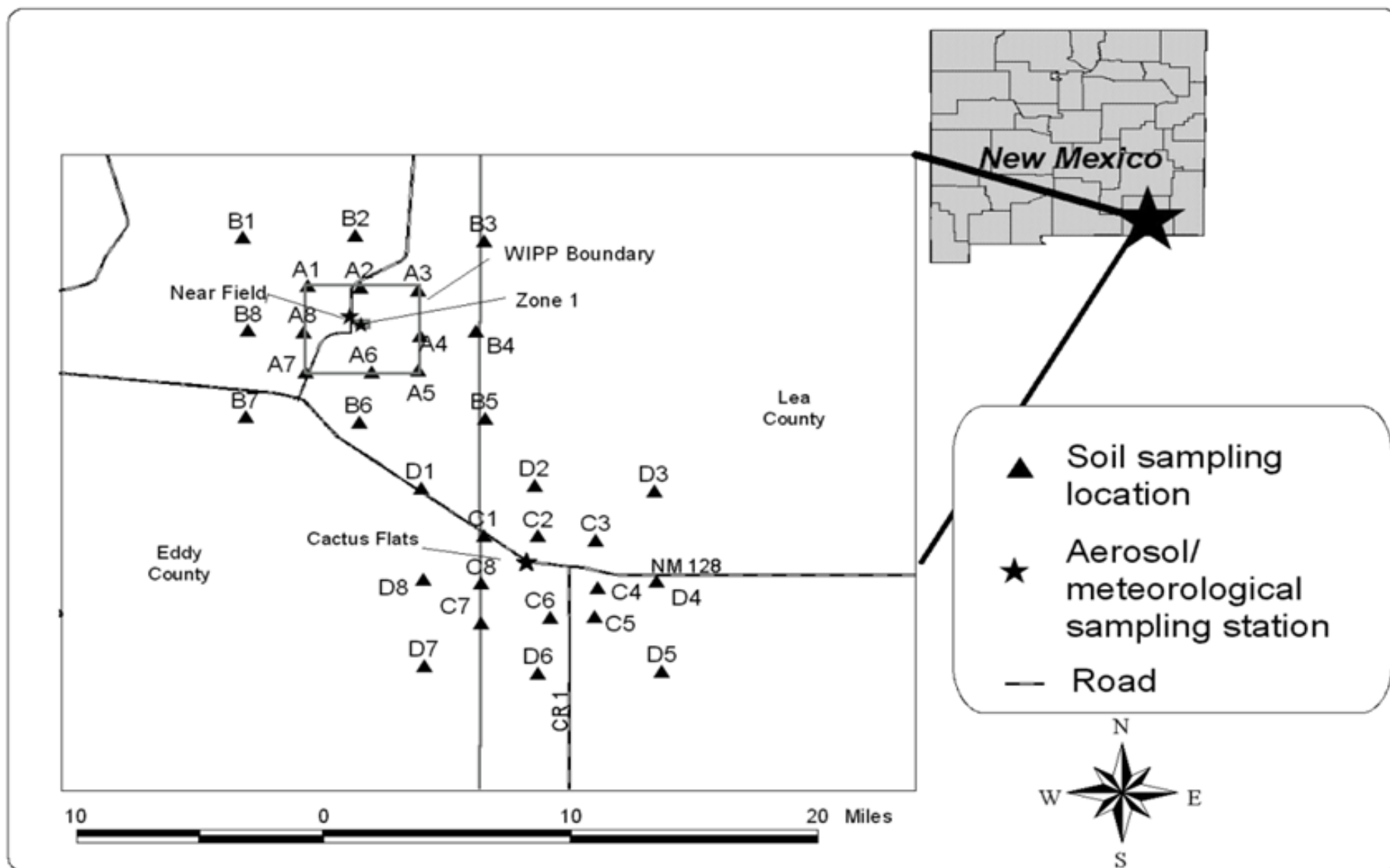
Dr. Russell Hardy, Director



New Mexico State University



# Soil Sampling Update

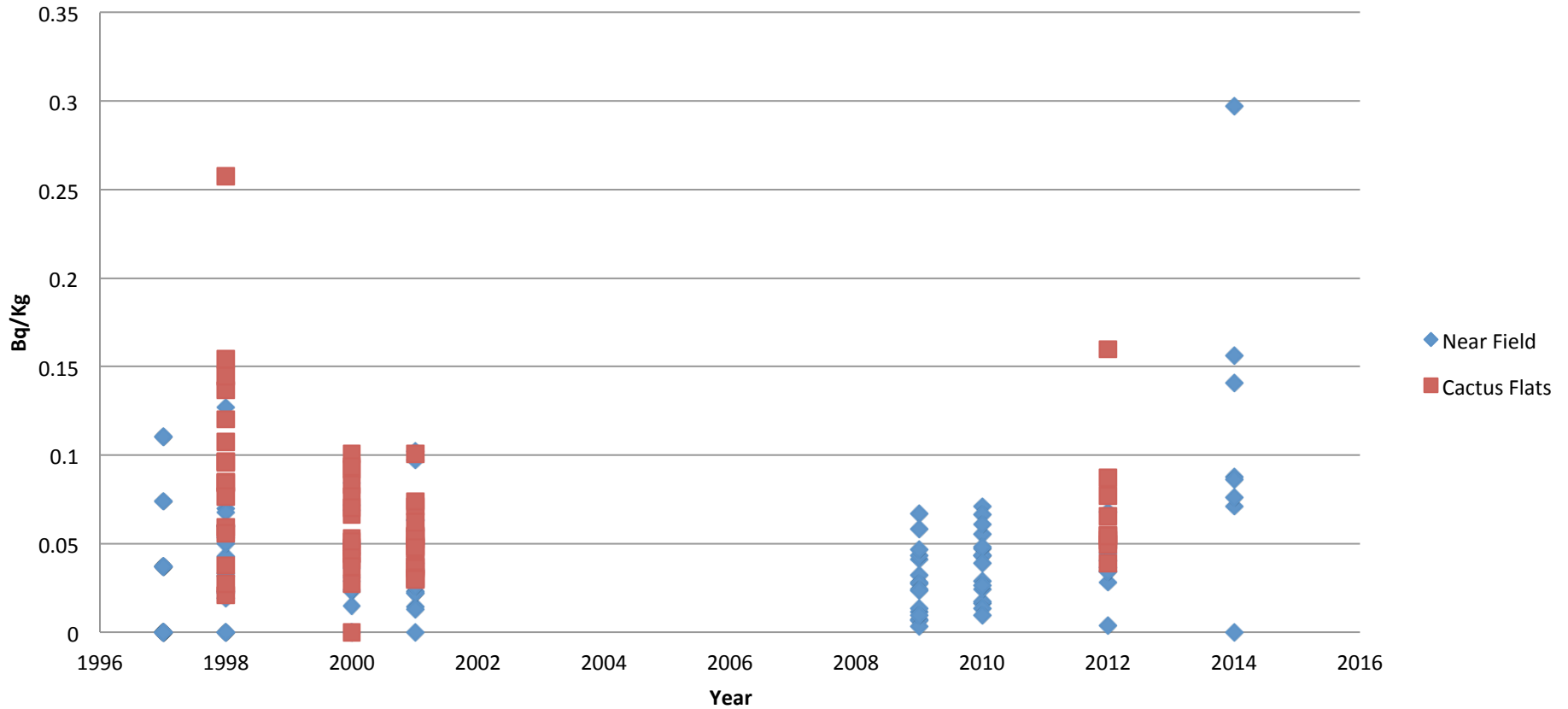


SID	Grid Note	Collection Date	241Am Bq/kg	239+240Pu Bq/kg	238Pu Bq/Kg	137Cs Bq/kg
30483	A-2	3/13/2014	0.07	0.16	n/d	1.80
30484	A-1	3/13/2014	0.30	0.28	n/d	2.68
30485	A-3	3/13/2014	0.08	0.15	n/d	2.65
30486	A-4	3/13/2014	n/d	n/d	n/d	1.36
30487	A-5	3/13/2014	0.14	n/d	n/d	2.79
30488	A-6	3/13/2014	n/d	0.11	n/d	1.47
30489	A-6 Duplicate	3/13/2014	0.09	n/d	n/d	0.49
30490	A-7	3/13/2014	0.09	n/d	n/d	n/d
30491	A-8	3/13/2014	0.16	n/d	n/d	3.89
<b>Historic Soil Maximum Activities</b>						
Near Field	All A&B Grids	1997	0.11	0.30	n/a	6.38
Near Field	All A&B Grids	1998	0.07	0.17	0.02	5.05
Near Field	All A&B Grids	1999	0.05	0.10	0.05	3.10
Near Field	All A&B Grids	2000	0.09	0.14	n/a	3.80
Near Field	All A&B Grids	2001	0.10	0.39	0.06	8.83
Near Field	All A&B Grids	2009	0.07	0.19	0.02	5.12
Near Field	All A&B Grids	2010	0.07	0.40	0.07	3.59
Near Field	All A&B Grids	2012	0.07	0.17	0.02	3.66
Gnome Site	Maximum	2002	346.0	155.0	219.0	2980.00
Gnome Site	Average	2002	36.1	149.0	28.8	840.00



# Historical Soil Results

## Soil Results - Am241



# QUESTIONS AND ANSWERS

---