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

NEW MEXICO ENVIRONMENT DEPARTMENT

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

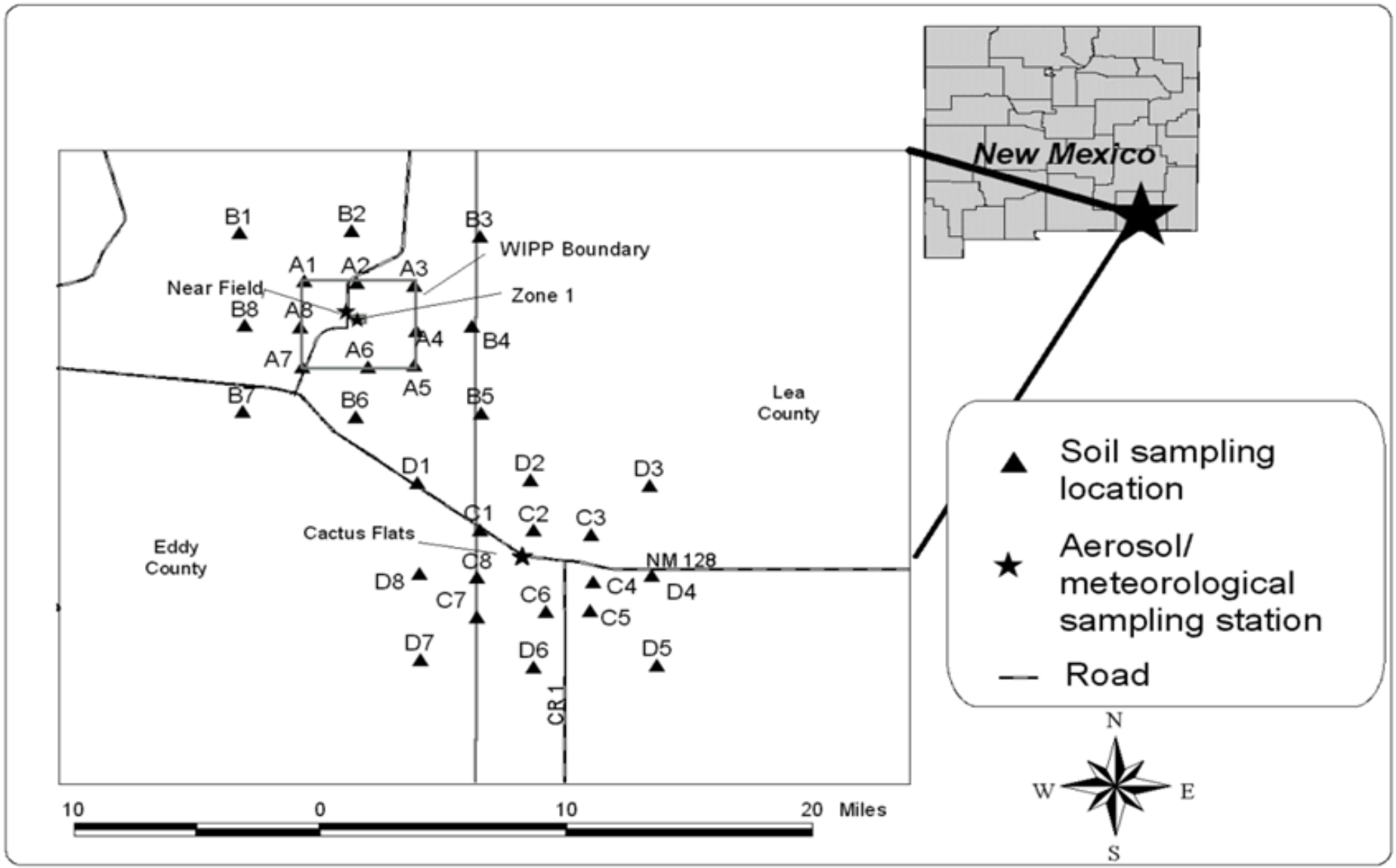
Carlsbad Environmental Monitoring & Research Center

Mayor's Town Hall Presentation 5/22/14

Dr. Russell Hardy, Director

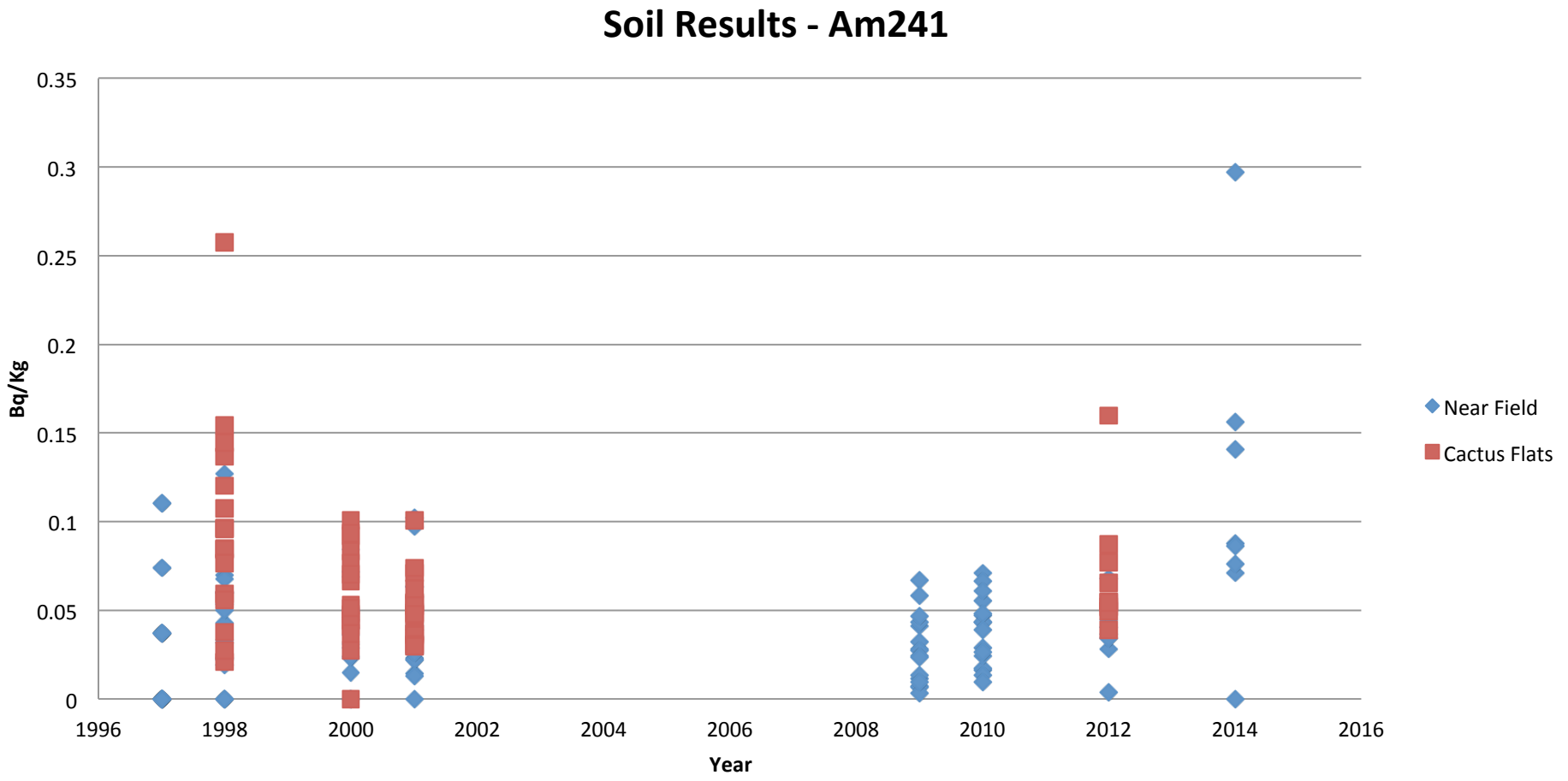
New Mexico State University

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
Historic Soil Maximum Activities						
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



QUESTIONS AND ANSWERS