



## Northern New Mexico Citizens' Advisory Board Meeting

March 26, 2014

1:00 p.m. to 5:00 p.m.

Sandia Resort

Albuquerque, New Mexico 87113



### Minutes

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#### Meeting Attendees

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##### Department of Energy

1. Pete Maggiore, DOE Assistant Manager Environmental Projects Office
2. Lee Bishop, Deputy Designated Federal Officer (DDFO)
3. Ray Wood, DOE Environmental Projects Office
4. J.R. Stroble, DOE Carlsbad Field Office
5. Mike Gardipe, DOE Environmental Projects Office
6. Gaeton Falance, DOE Environmental Projects Office
7. Cheryl Rodriguez, DOE Environmental Projects Office

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##### NNMCAB Members

1. Carlos Valdez, NNMCAB Chair
2. Doug Sayre, NNMCAB Vice-Chair
3. Gerard Martinez
4. Adrian Chavez Sr.
5. Danny Mayfield
6. Allison Majure
7. Manuel Pacheco
8. Alex Puglisi
9. Mary Friday
10. Joey Tiano
11. Ashley Sanderson
12. Bob Villarreal
13. Joseph Viarrial
14. Mike Loya
15. Stephen Schmelling

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##### NNMCAB Student Members

1. Kaitlin Martinez
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**Excused Absences**

1. Irene Tse-Pe (Environmental Justice Conference)
2. Angel Quintana (Environmental Justice Conference)
3. Nona Girardi
4. Deborah Shaw
5. Bonnie Lucas
6. Gary Johnson
7. Jerry Trujillo
8. Deidre Roybal

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**NNMCAB Support Staff**

1. Menice Santistevan, Executive Director
2. Bridget Maestas, Administrative Assistant
3. William Alexander, Technical Programs and Outreach

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**Guests**

1. Michele Jacques-Ortiz, U.S. Senator Tom Udall's Office
2. Scott Kovac, Nuclear Watch New Mexico
3. Patti Jones, Los Alamos National Security
4. Ralph Phelps, Public
5. Mona Varela, Public
6. Clance Madrlese, Pueblo of Jemez
7. Greg Kaufman, Pueblo of Jemez
8. Danny Katzman, Los Alamos National Security
9. Dave McInroy, Los Alamos National Security
10. Rneri Zagal, ONRI
11. Laura Day, Project Time & Cost
12. Bob Zulick, Project Time & Cost
13. Darien Cabral, Regional Coalition of LANL Communities
14. Cassandra Duran, Public

\*All NNMCAB meetings are recorded. Audio CD's and Video DVD's have been placed on file for review at the NNMCAB office, 94 Cities of Gold Road, Santa Fe, New Mexico, 87506. The written minutes are intended as a synopsis of the meeting.

#### Minutes

##### I. Call to Order

The bi-monthly meeting of the Northern New Mexico Citizens' Advisory Board (NNMCAB) was held on March 26, 2014 at Sandia Resort in Albuquerque, New Mexico. Mr. Lee Bishop Deputy Designated Federal Officer (DDFO) stated that on behalf of the Department of Energy (DOE) the meeting of the NNMCAB was called to order at 1:05 p.m.

Mr. Bishop recognized Mr. Carlos Valdez the NNMCAB Chair. The Chair presided at the meeting.

The meeting of the NNMCAB was open to the public and posted in The Federal Register in accordance with the Federal Advisory Committee Act.

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##### II. Establishment of a Quorum (11 Needed)

###### a. Roll Call

Mr. William Alexander conducted roll call as the members arrived. At the call to order 14 members were present. Mr. Alexander recorded that Mr. Joseph Viarrial arrived at 1:09 p.m.

###### b. Excused Absences

Mr. Alexander recorded that the following members had excused absences: Ms. Irene Tse-Pe, Ms. Angel Quintana, Dr. Nona Girardi, Ms. Deborah Shaw, Ms. Bonnie Lucas, Mr. Gary Johnson, Mr. Jerry Trujillo, and Ms. Deidre Roybal.

###### c. Absences

Mr. Alexander recorded that there were no unexcused absences at this meeting.

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##### III. Welcome and Introductions

Mr. Valdez welcomed the members and the public to the meeting. He asked for introductions from the board members and all the attending guests.

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##### IV. Approval of Agenda

The board reviewed the agenda for the March 26, 2014 meeting.

Mr. Gerard Martinez made a motion to approve the agenda as presented; Mr. Doug Sayre seconded the motion. The motion to approve the agenda as presented was unanimously passed.

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##### V. Approval of Minutes

The board reviewed the minutes of the January 29, 2014 NNMCAB meeting. By ongoing instruction from DOE Headquarters, the minutes were previously reviewed and certified by the NNMCAB Chair.

Mr. Valdez opened the floor for comments from the board, with no comments from the board Mr. Valdez asked for a motion.

Mr. Joey Tiano made a motion to approve the minutes as presented; Mr. Martinez seconded the motion. The members voted all in favor to approve the minutes from the January 29, 2014 meeting as presented.

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**VI. Old Business**

**a. Written Reports**

Mr. Valdez opened the floor for comments on the written reports. With no comments on the written reports Mr. Valdez moved on to the next agenda item.

**b. Report on Waste Management Symposia**

Mr. Valdez asked Mr. Alex Puglisi if he would give the board a report on his attendance at the Waste Management Symposia, in Phoenix, AZ.

Mr. Puglisi stated that he found the conference to be very informative, noting that the conference offered a wealth of information on: waste transport, waste management, environmental restoration, and environmental monitoring. Additionally, he noted that the conference offered specific site histories on Hanford and Los Alamos National Laboratory (LANL). Mr. Puglisi stated that he had mostly attended the sessions on environmental monitoring and restoration; he also attended the session on Hanford and orphan source removal. Mr. Puglisi stated the he would recommend the conference to anyone and noted that the international representation at the conference was very impressive.

Mr. Puglisi noted that attendees at the symposia were amazed that a Citizens' Advisory Board was represented at the symposia. He noted that they were happy to have members of a Citizens' Advisory Board present. Mr. Puglisi stated that he felt it would be beneficial for members from all the boards to attend these types of symposia.

Mr. Valdez included his update on the Waste Management Symposia, as a written report in the packets.

**c. Other Items**

Mr. Valdez stated the he and Mr. Sayre had attended the Los Alamos National Laboratory Community Leaders Breakfast earlier in the day. He noted that at the meeting it was announced the Kim Davis Lebak was the new Los Alamos Site Manager.

Mr. Valdez also stated that he and Mr. Sayre had participated in the National Chairs Conference Call the week of March 17<sup>th</sup>. He noted that during the call it was announced that David Borak would be taking over Cate Alexander's position, as Acting Designated Federal Officer.

Mr. Valdez noted that Ms. Quintana and Ms. Tse-Pe were presently in Washington D.C. attending the Environmental Justice Conference. Additionally, he stated that Mr. Sayre, Ms. Allison Majure, and Mr. Valdez would be attending the Chairs meeting in Hanford the week of April 21<sup>st</sup>.

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**VII. New Business**

1 Mr. Valdez stated that the schedule for the 2014 meetings had been finalized and  
2 distributed.

3  
4 Ms. Menice Santistevan noted that the meeting in May that had originally been slated  
5 for Fuller Lodge had been moved to the Cities of Gold Conference Center.

6  
7 Mr. Martinez stated that at the last meeting a test project for lining of a disposal pit at  
8 LANL had been discussed, noting that it had been determined that at this time a test project  
9 would not fit in with the current time table. Mr. Martinez asked if there were any  
10 opportunities coming up that would allow for a test project.

11  
12 Mr. Bishop responded that TA-54 Area G is the only active Material Disposal Area, and  
13 that by the end of summer 2014 the last planned disposal area at TA-54 "Pit 38" would be  
14 closed. Mr. Bishop did note that there was the possibility of expansion into MDA L; however,  
15 a final decision on that had not yet been made.

16  
17 Mr. Martinez asked if a recommendation on a test project should be submitted now  
18 regarding the possibility of the expansion to MDA L.

19  
20 Mr. Bishop noted that he felt that at this time a recommendation would not be too early  
21 and certainly not too late, regarding the test project for a lined disposal area.

22  
23 Mr. Martinez stated that he would take the action to draft a recommendation, with the  
24 ad hoc committee. He noted that the members of the ad hoc committee were Mr. Puglisi,  
25 Mr. Scott Kovac, and himself.

26  
27 Mr. Valdez noted that recommendations have to be submitted and distributed to the  
28 members 14 days prior to action or discussion on the recommendation at a board meeting.  
29 Mr. Valdez stated that recommendation 2014-01 had been disseminated to the members  
30 for the 14 day review and was on the Agenda for the April 9<sup>th</sup> meeting for consideration and  
31 action.

32  
33 Mr. Danny Mayfield asked if the presentation for MDA H&L had been scheduled.

34  
35 Mr. Bishop noted that the presentations for the meeting through September 2014 had  
36 been tentatively scheduled. Mr. Bishop went over the schedule, noting that the schedule  
37 would be included in the packets for the April 9, 2014 meeting.

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38  
39 **VIII. Presentation on Chromium**

40 **a. Chromium Presentation**

41 Mr. Danny Katzman and Mr. Dave McInroy from LANL gave a presentation entitled  
42 "Chromium Groundwater Remediation Campaign". An electronic copy of the  
43 presentation may be obtained from the NNMCAB website;  
44 <http://www.nnmcab.energy.gov/7-presentations/presentations.htm>. Video of the  
45 presentation is also available on the NNMCABs YouTube Channel (NNMCAB).  
46

**b. Questions**

Mr. Valdez asked what the distance was from ground surface to the aquifer.

Mr. Katzman responded that from the canyon floor the distance to the regional aquifer is from 850 -900 feet.

Mr. Valdez asked how quickly the wetland is able to reduce the chromium 6 to chromium 3.

Mr. Katzman stated that the reduction can occur in as little as 24 hours.

Ms. Majure asked if the wetland had created a delaying effect on detecting the chromium in Mortandad Canyon.

Mr. Katzman stated that the wetland had not created a delaying effect.

Mr. Sayre asked how often the wells in the Chromium Plume area are sampled.

Mr. Katzman responded that the wells are sampled on a quarterly basis.

Ms. Majure asked if the 1,100kg of chromium was the estimated target number, and if the data was derived from the bottom-up.

Mr. Katzman responded that the 1,100kg had been derived from measurements of core samples, pore water, and water samples. Additionally, noting that the remediation strategy needs to take into account the source of chromium input, not just the chromium in the aquifer.

Mr. Valdez asked if there were any wells located on Pueblo de San Ildefonso land.

Mr. Katzman noted that a well instillation is in the works, and hopefully plans will be completed by later this fiscal year.

Mr. Maggiore stated that the Governor of the Pueblo de San Ildefonso had some preliminary meetings and recently approached DOE to request a meeting to further discuss the well issue. Mr. Maggiore noted that the Governor had some concerns about who would own the data and how the data would be disseminated.

Mr. Mayfield asked how much water per day was pulled out during the Pilot Study in 2013.

Mr. Katzman responded that R-28 had pumped at 29 gallons per minute (gpm), R-42 at 8 gpm.

Mr. Martinez asked how the ion exchange columns were cleaned.

1 Mr. Katzman stated that the tanks are sent back to the manufacturer where they  
2 are cleaned and the chromium is removed from the column. Additionally, he noted that  
3 the columns had not reached saturation during the pilot study.

4  
5 Ms. Majure asked if the impact of the two wells pumping at different rates was  
6 proportional.

7  
8 Mr. Katzman responded that the pumping rates at the different wells are not  
9 necessarily proportional to its impact on the water pressures, noting that there are  
10 other factors that affect the water pressures.

11  
12 Mr. Valdez asked if any other contaminants other than chromium had been found in  
13 the samples.

14 Mr. Katzman responded that no other contaminants in the area had been detected  
15 above standards.

16  
17 Mr. Puglisi asked where the nitrates detected had come from.

18  
19 Mr. Katzman responded that there were a couple of possibilities; one of which is  
20 from the sewage nitrates from the Solid Waste Treatment Plant, another source of the  
21 nitrates appear to be from nitric acid.

22  
23 Mr. Stephen Schmelling asked if the Chromium Plume was changing in shape.

24  
25 Mr. Katzman stated that there is some evidence that three of the wells along the  
26 border may have increasing concentrations of chromium; however, it could be that the  
27 plume is wobbling in place not actually changing in shape.

28  
29 Ms. Majure asked if the Perchlorate Plume is at the same depth as the Chromium  
30 Plume.

31  
32 Mr. Katzman responded that the Perchlorate Plume is exactly the same.

33  
34 Mr. Puglisi asked what the clean-up level for the aquifer would be.

35  
36 Mr. Katzman noted that the level has not yet been established; however, the default  
37 for the consent order is 50ppb. Mr. Katzman noted that at this time DOE/LANL is not yet  
38 prepared to discuss the clean-up level with the New Mexico Environment Department.

39  
40 Mr. Schmelling asked if in-situ remediation was a possibility.

41  
42 Mr. Katzman responded that yes DOE/LANL is looking at ways to remediate the  
43 Chromium Plume in-situ.

44  
45 Mr. Martinez stated that he agreed with the proposal that Mr. Dave McInroy had  
46 put forth at the beginning of the presentation for having additional information

provided. He noted that he would appreciate the ability to access updates on the Chromium Plume in a real time format, from a website or other additional means. Mr. Martinez also noted that a press release for the new information availability would be a great idea.

Mr. Katzman stated that he would propose a working session with some of the members to identify what information they would like to have access to in a more real time environment.

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**IX. Update from Liaisons**

**a. Update from NMED**

Mr. Bishop stated that New Mexico Environment Department Secretary Ryan Flynn was on the agenda for today's meeting; however he had taken ill and was not able to attend.

**b. Update from Los Alamos National Laboratory**

Mr. Jeff Mousseau gave the NNMCAB an update on the Environmental Programs, the status of the 3706 Campaign, below ground waste retrieval, and safety, and the upcoming campaign process. "Associate Directorate for Environmental Programs Update for March 26, 2014" an electronic copy of the presentation may be obtained from the NNMCAB website; <http://www.nnmcab.energy.gov/7-presentations/presentations.htm>. Video of the presentation is available on the NNMCAB's YouTube Channel (NNMCAB).

Mr. Sayre asked how long the waste from the 3706 campaign can be temporarily stored at Waste Control Specialists (WCS).

Mr. Mousseau noted that to his understanding the WCS permit allows temporary storage for 1 year.

Mr. Puglisi asked if the waste being temporarily stored at WCS is LANL waste only or if it included other sites.

Mr. J.R. Stroble responded that the arrangement that Mr. Mousseau was referring to is a specific arrangement for TRU waste storage that is certified for WIPP disposal. He noted that LANL's 3706 campaign waste is number one on the list; however, there are other sites on the list if space allows.

Mr. Tiano asked if it was possible to temporarily store the waste above ground at WIPP.

Mr. Stroble responded that WIPP is not currently permitted with enough storage space on the surface to accommodate temporary storage. Additionally, he noted that WIPPs current focus is on trying to recover from the shutdown caused by the release.



1 Ms. Mary Friday noted that when the NNMCAB had toured the WCS facility she had  
2 not noted a temporary storage building at the site.

3  
4 Mr. Mousseau responded that the temporary storage building had not been built at  
5 the time the NNMCAB toured the facility. He noted that the new building has 26,000  
6 feet of storage space and all required safety elements for a temporary storage building.  
7

8 **c. Update from Department of Energy**

9 Mr. Pete Maggiore gave the NNMCAB an update on the FY'14 & FY'15 Budget.  
10 "Fiscal Year 2014 & Fiscal Year 2015 Budget Update" an electronic copy of the  
11 presentation may be obtained from the NNMCAB website;  
12 <http://www.nnmcab.energy.gov/7-presentations/presentations.htm>. Video of the  
13 presentation is available on the NNMCAB's YouTube Channel (NNMCAB).  
14

15 Mr. Valdez asked where TA-54 and the 33 Shafts would fall in the new campaign  
16 approach.

17  
18 Mr. Mousseau stated that he believed that those areas will fall under the below  
19 ground retrieval work.  
20

21 Mr. Mayfield asked if newly generated waste comes out of the EM budget.  
22

23 Mr. Maggiore responded that charges for the newly generated waste go back to the  
24 generator.  
25

26 **d. Update from Department of Energy, Carlsbad Field Office**

27 Mr. J.R. Stroble from DOE Carlsbad Field office gave the NNMCAB an update on the  
28 Recovery efforts at the Waste Isolation Pilot Plant. "Waste Isolation Pilot Plant Recovery  
29 Information" an electronic copy of the presentation may be obtained from the NNMCAB  
30 website; <http://www.nnmcab.energy.gov/7-presentations/presentations.htm>. Video of  
31 the presentation is available on the NNMCAB's YouTube Channel (NNMCAB). A link to  
32 the WIPP recovery information is also available on the NNMCAB home page;  
33 <http://www.nnmcab.energy.gov/>, or on the WIPP site at  
34 <http://www.wipp.energy.gov/wipprecovery/recovery.html>.  
35

36 Mr. Tiano asked how close to the surface the HEPA filters are.  
37

38 Mr. Stroble responded that the filters are located on the surface, connected to the  
39 underground through ventilation shafts.  
40

41 Mr. Adrian Chavez asked if the website addressed in lay terms what the naturally  
42 occurring background radiation is in the WIPP area in addition to what the standards  
43 are.  
44

1 Mr. Stroble replied that the information is on the website and it was the intent of  
2 the site to have the information as accessible and understandable for the public as  
3 possible.  
4

5 Mr. Bob Villarreal stated that the HEPA filters that are used for the filtration could  
6 be replaced with filters that are activated charcoal that is cryogenic and has 100%  
7 efficiency.  
8

9 Mr. Stroble responded that there are higher efficiency filter processes; however the  
10 nature of the salt mine and filtering 60,000 ft<sup>3</sup>/ minute of salty air is a challenge.  
11 Additionally, he noted that the area would be exploring some of the newer  
12 technologies.  
13

14 Mr. Schmelling asked if there was video monitoring equipment in the mine.  
15

16 Mr. Stroble noted that they had been in the process of installing a wireless system in  
17 the mine when the incident occurred.  
18

19 Mr. Puglisi asked if Mr. Stroble agreed with the findings in the Defense Nuclear  
20 Facility's Safety Boards (DNFSB) Report.  
21

22 Mr. Stroble responded that at this time he did not totally agree with the report. He  
23 noted that he felt there were some weaknesses in the WIPP program; however he felt  
24 the DNFSB statements were very broad.  
25

26 Mr. Puglisi asked if the Permit application had been withdrawn, he asked if the  
27 permit application had hold put on it or if the entire application would need to be  
28 resubmitted.  
29

30 Mr. Stroble responded that it was a permit modification not application and that  
31 NMED had chosen to put that modification on hold rather than withdrawing the  
32 modification.  
33

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34 **X. Public Comment Period**

35 Mr. Valdez opened the floor for public comment at 4:21 p.m.  
36

37 Mr. Scott Kovac of Nuclear Watch New Mexico stated that he had talked to Mr. Katzman  
38 and noted that the chromium investigation is still ongoing. Mr. Kovac stated that the  
39 chromium clean-up had been kicked into action, as a result of fines that LANL had received  
40 for not reporting chromium samples in early monitoring reports. He noted that the  
41 chromium clean-up is part of the 2005 Consent Order (CO). Mr. Kovac stated that he wanted  
42 to remind the board that the 2012 Framework Agreement (FA) is not a binding agreement  
43 or enforceable, unlike the 2005 CO which is a binding agreement. Mr. Kovac noted that as  
44 far as reprioritizing the work at LANL, we have been through this; we did this in 2005 right  
45 before the CO; all of this has already been laid out.

1 Mr. Kovac stated that in 2002 NMED issued a finding of imminent and substantial  
2 endangerment and after months of negotiations the 2005 CO was agreed to by DOE, LANL,  
3 and NMED. Additionally, he noted that the only projects that are not part of the 2005 CO  
4 are TRU waste campaigns, like the 3706 Campaign. He stated that as far as campaigns go,  
5 the CO is a bunch of campaigns that spells out what need to be done. He noted that the CO  
6 is a dialog between the State and LANL. Mr. Kovac stated that the CO has mutually agreed to  
7 times, noting that the 2005 CO is a very detailed order of investigations, reports and doing  
8 the work "it's a plan to make a plan." Mr. Kovac asked what is the difference going to be  
9 between any new CO and the existing 2005 CO, noting that it might be enforcement. He  
10 noted that the 2005 CO has fines and that has gotten LANLs attention. Additionally, noting  
11 that the FA is based on the theory that there might be fines.

12 Mr. Kovac addressed Mr. Valdez's statement of NMED and any statement of such is  
13 incorrect. He noted that no one at NMED or the office of the Attorney General ever stated  
14 that the 2005 CO was based on sufficient funding being available to complete the work. He  
15 stated that the 2005 CO being based on budget appropriations would have been completely  
16 contrary to the intent of NMED. Additionally, noting that no individuals at LANL or the  
17 University of California ever made such statements. Mr. Kovac stated that the 2005 CO was  
18 to compel DOE/LANL to complete the work according to schedule and to make sure they  
19 received sufficient funding to do so. Additionally, noting that if the work was not completed  
20 on time penalties and fines that would be assessed, stating that only 15 of the CO  
21 deliverables each year have penalties attached to them. Mr. Kovac stated that the primary  
22 feature of the 2005 CO was that it was enforceable; noting that a limitation of budget  
23 appropriations would leave a loophole in the CO. Mr. Kovac stated that the current CO has  
24 enforceable deadlines for the final implementation and remedies and he would like to keep  
25 it that way.

26  
27 Mr. Ralph Phelps from Sandia Park submitted his comments to the board in a written  
28 format. Mr. Phelps noted that the situation at WIPP, which directly impacts LANL work, has  
29 changed the dynamics regarding WIPP. Mr. Phelps stated that he felt the NNMCAB could  
30 take the opportunity to draft some recommendations regarding WIPP. Mr. Phelps submitted  
31 his recommendations to the NNMCAB as a written report, which is included in the  
32 attachments to the minutes.

33  
34 With no additional comments, Mr. Valdez closed the public comment period at 4:41  
35 p.m.

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36  
37 **XI. Wrap-up and Comments**

38 Mr. Valdez opened the floor for comments from the members.

39  
40 Mr. Puglisi stated that he appreciated the update on WIPP and the additional  
41 information on the new campaign roll out process.

42  
43 Mr. Manuel Pacheco thanked Mr. Stroble for the WIPP update and presentation, and  
44 everyone for attending the meeting.  
45

1 Ms. Majure stated that it was a great meeting with great information and thanked the  
2 public for attending.

3  
4 Mr. Mayfield stated that he appreciated all of the information and thanked everyone for  
5 attending.

6  
7 Mr. Martinez, Mr. Chavez, Ms. Ashley Sanderson and Mr. Schmelling thanked the public  
8 for attending, and the members and presenters for a great meeting. Additionally, they  
9 tanked Mr. Mike Loya for his years of service on the board. Mr. Martinez also thanked the  
10 NNMCAB staff and Mr. Stroble for the daily information updates.

11  
12 Ms. Kaitlin Martinez thanked the NNMCAB for the opportunity to serve as a student  
13 member and noted that she hoped that the opportunity would be extended to other  
14 students.

15  
16 Mr. Loya stated that he was glad that he had the opportunity to serve with the board  
17 members, and for the opportunity to attend conferences and seminars during his tenure on  
18 the board. He thanked the members and staff for another great meeting and the presenters  
19 for the information that they provide to the NNMCAB.

20  
21 Mr. Villarreal noted that the Waste Management committee had started looking into  
22 ways to complete the 33 Shafts below and above ground. Additionally, he noted that he  
23 would like to offer WIPP any support that the NNMCAB can provide.

24  
25 Mr. Tiano stated that he was honored to be a member of the NNMCAB. He thanked the  
26 staff for another great meeting, and the A/V staff for recording the meetings for the public.  
27 Additionally, he noted that he would like to see the environment department at a meeting  
28 sometime soon. Mr. Tiano also thanked the public speakers for their comments and  
29 observations during the public comment period.

30  
31 Ms. Friday stated that she had learned quite a bit while serving on the board. She stated  
32 that she was glad to be a part of the NNMCAB and was happy to help with any NNMCAB  
33 activities.

34  
35 Mr. Valdez thanked Mr. Loya for his service on the board; he also thanked the staff for  
36 putting on a great meeting and the members and public for attending.

37  
38 Mr. Sayre noted that he would like to see another WIPP update at the May NNMCAB  
39 meeting, and thanked Mr. Stroble for his update at today's meeting. Additionally, he  
40 thanked the staff for the great job that they do and the presenters for the information that  
41 they provide to the NNMCAB. Mr. Sayre also thanked Mr. Loya for his service, and the public  
42 for attending the meeting.

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43  
44 **XII. Adjournment**

45 Mr. Valdez noted that the next NNMCAB meeting would be May 21, 2014 at the Cities of  
46 Gold Conference Center from 1:00 p.m. to 5:30 p.m. Additionally, he asked that as many

members as possible attend the Combined Committee meeting on April 9, 2014 at the Cities of Gold.

With no additional business to discuss Mr. Bishop adjourned the meeting at 5:33 p.m.

**Respectfully Submitted,**



**Carlos Valdez, Chair, NNMCAB**

**\*Minutes prepared by William Alexander, Technical Programs and Outreach, NNMCAB**

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**Attachments:**

1. Final NNMCAB Meeting Agenda for 03/26/2014
  2. Final NNMCAB Meeting Minutes for 01/29/2014
  3. Report from Carlos Valdez, Chair, NNMCAB
  4. Report From Menice Santistevan, Executive Director
  5. Waste Management Symposium Report, From Carlos Valdez, Chair, NNMCAB
  6. Presentation by Danny Katzman LANL, "Chromium Groundwater Remediation Campaign"
  7. Update from LANL, Environmental Programs, Jeff Mousseau
  8. Update from DOE, Budget Update, Pete Maggiore
  9. Information reference on WIPP Recovery, J. R. Stroble
  10. Update from DDFO, DDFO EM News Flash, Lee Bishop
  11. Public Comments Submitted by Ralph Phelps
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**Public Notice:**

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**\*Reference documents listed in the Attachments section of these minutes may be requested for review from the NNMCAB Office by calling (505)989-1662.**