



General

ENTERED

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[www.nnmcab.energy.gov](http://www.nnmcab.energy.gov)

RECEIVED

JAN 23 2014

NMED  
Hazardous Waste Bureau

January 22, 2014

Dear NNM CAB, Liaison and Student Members,

Enclosed is the information you will need for the NNM CAB meeting scheduled for January 29th at The Lodge at Santa Fe, Kachina Ballroom.

**Please note that there will be a networking lunch from noon to 1:00 for all members and presenters. The meeting will adjourn at 5:00 p.m.**

You will hear a presentation by Pete Maggiore and Jeff Mousseau on plans for clean-up of TRU waste and for Long Term Stewardship of Material Disposal Area G.

**Chairman Valdez requests that members arrive before 1:00 p.m., so that a quorum may be established promptly. Please bring this packet of information with you to the meeting.**

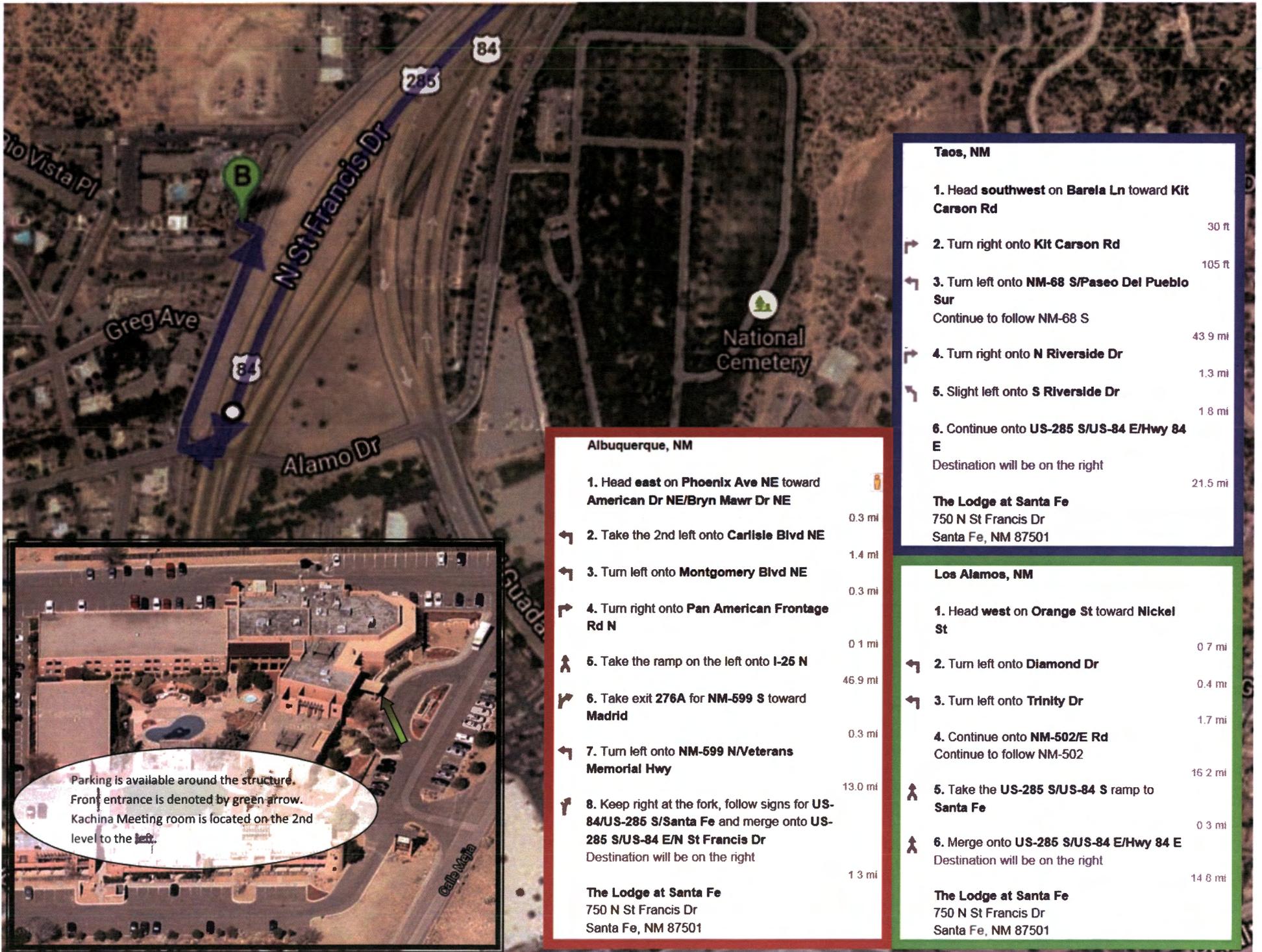
If you are not able to attend the meeting, please request an excused absence from Lee Bishop, DDFO at: [Lee.Bishop@nnsa.doe.gov](mailto:Lee.Bishop@nnsa.doe.gov)

Kindest regards,

Menice B. Santistevan  
Executive Director  
NNM CAB Support Office

36158





**Taos, NM**

1. Head southwest on Barela Ln toward Kit Carson Rd 30 ft
- ➔ 2. Turn right onto Kit Carson Rd 105 ft
- ⬅ 3. Turn left onto NM-68 S/Paseo Del Pueblo Sur  
Continue to follow NM-68 S 43.9 mi
- ➔ 4. Turn right onto N Riverside Dr 1.3 mi
- ↙ 5. Slight left onto S Riverside Dr 1.8 mi
6. Continue onto US-285 S/US-84 E/Hwy 84 E  
Destination will be on the right 21.5 mi

**The Lodge at Santa Fe**  
750 N St Francis Dr  
Santa Fe, NM 87501

**Los Alamos, NM**

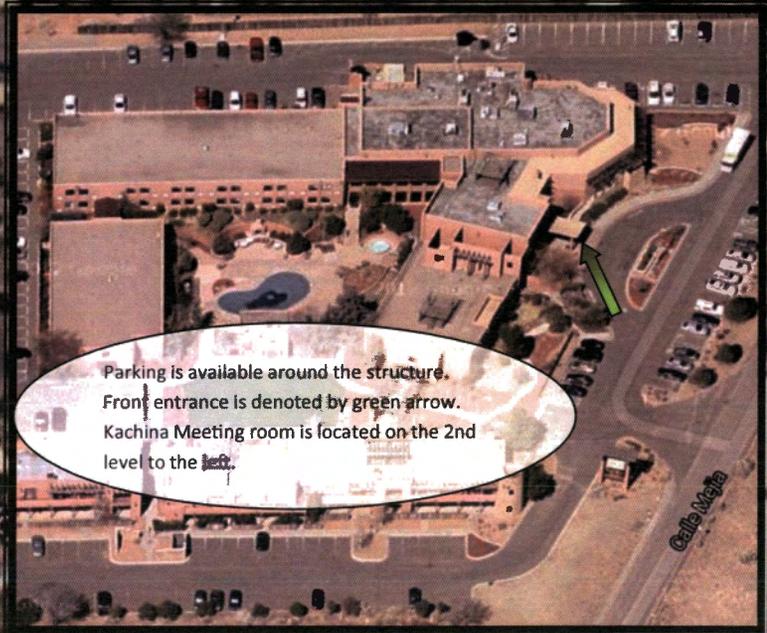
1. Head west on Orange St toward Nickel St 0.7 mi
- ⬅ 2. Turn left onto Diamond Dr 0.4 mi
- ⬅ 3. Turn left onto Trinity Dr 1.7 mi
4. Continue onto NM-502/E Rd  
Continue to follow NM-502 16.2 mi
- ⤴ 5. Take the US-285 S/US-84 S ramp to Santa Fe 0.3 mi
- ⤴ 6. Merge onto US-285 S/US-84 E/Hwy 84 E  
Destination will be on the right 14.6 mi

**The Lodge at Santa Fe**  
750 N St Francis Dr  
Santa Fe, NM 87501

**Albuquerque, NM**

1. Head east on Phoenix Ave NE toward American Dr NE/Bryn Mawr Dr NE 0.3 mi
- ⬅ 2. Take the 2nd left onto Carlisle Blvd NE 1.4 mi
- ⬅ 3. Turn left onto Montgomery Blvd NE 0.3 mi
- ➔ 4. Turn right onto Pan American Frontage Rd N 0.1 mi
- ⤴ 5. Take the ramp on the left onto I-25 N 46.9 mi
- ⤴ 6. Take exit 276A for NM-599 S toward Madrid 0.3 mi
- ⬅ 7. Turn left onto NM-599 N/Veterans Memorial Hwy 13.0 mi
- ➔ 8. Keep right at the fork, follow signs for US-84/US-285 S/Santa Fe and merge onto US-285 S/US-84 E/N St Francis Dr  
Destination will be on the right 1.3 mi

**The Lodge at Santa Fe**  
750 N St Francis Dr  
Santa Fe, NM 87501



Parking is available around the structure.  
Front entrance is denoted by green arrow.  
Kachina Meeting room is located on the 2nd level to the left.

**Northern New Mexico Citizens' Advisory Board Meeting  
 January 29, 2014  
 1:00 p.m. to 5:00 p.m.  
 The Lodge at Santa Fe  
 Kachina Ballroom  
 750 N. St. Francis Drive  
 Santa Fe, New Mexico 87501**

Note: There will be a networking lunch for NNM CAB Members from 12:00 to 1:00 p.m. at The Lodge at Santa Fe, Boardroom.

**AGENDA**

<u>Time</u>	<u>Action</u>	<u>Presenter</u>
1:00 p.m.	Call to Order	Lee Bishop, DDFO
	Establishment of a Quorum (12 needed)	
	a. Roll Call	William Alexander
	b. Excused Absences	
	Welcome and Introductions	Carlos Valdez, Chair
	Approval of Agenda	
	Approval of Minutes of Nov. 20 <sup>th</sup> , 2013	
1:15 p.m.	<b>Public Comment Period</b>	
1:30 p.m.	Old Business	
	a. Written Reports – See Packet Enclosures (5 minutes)	
	b. Other items	
1:45 p.m.	New Business	
	a. Review Bi-monthly Meeting Schedule for 2014	
	b. Other Items	
2:00 p.m.	Upcoming Hearings, Permits and Public Comment Periods	Tony Grieggs
2:30 p.m.	“MDA-G: Post TRU Waste Retrieval Proposed Remedy; A Path to Long Term Stewardship”	
		Pete Maggiore Jeff Mousseau
3:30 p.m.	Update from Liaison Members	
	a. Update from NMED	John Kieling
	b. Los Alamos National Laboratory	Jeff Mousseau
	c. Department of Energy	Pete Maggiore
4:30 p.m.	Items from Deputy Designated Federal Officer	Lee Bishop
4:45 p.m.	Wrap Up and Comments from Board Members	Carlos Valdez
5:00 p.m.	Adjourn	Lee Bishop

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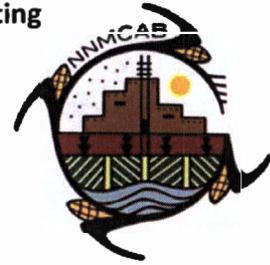
**Northern New Mexico Citizens' Advisory Board Meeting**

**November 20, 2013**

**1:00 p.m. to 7:00 p.m.**

**Ohkay Conference Center**

**Ohkay Owingeh, New Mexico 87566**



**Minutes**

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**Meeting Attendees**

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**Department of Energy**

- Pete Maggiore, DOE Assistant Manager Environmental Projects Office
- Christina Houston, Alternate Deputy Designated Federal Officer (ADDFO)
- Mike Gardipe, DOE Environmental Projects Office
- David Nickless, DOE Environmental Projects Office
- Paul Torres, DOE Environmental Projects Office

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**NNMCAB Members**

1. Carlos Valdez, NNMCAB Chair
2. Doug Sayre, NNMCAB Vice-Chair
3. Joey Tiano
4. Bonnie Lucas
5. Angel Quintana
6. Manuel Pacheco
7. Daniel Mayfield
8. Bob Villarreal
9. Mary Friday
10. Nona Girardi
11. Gerard Martinez
12. Ashley Sanderson
13. Mike Loya
14. Stephen Schmelling
15. Irene Tse-Pe

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**NNMCAB Student Members**

1. Kaitlin Martinez
  2. Deidre Roybal
  3. Jerry Trujillo
  4. Gary Johnson
-

1 **Excused Absences**

- 2 1. Deborah Shaw
  - 3 2. Allison Majure
  - 4 3. Alex Puglisi
  - 5 4. Brenda Gallegos
  - 6 5. Joseph Viarrial
- 

7  
8 **Absent**

- 9 Adrian Chavez Sr.
- 

10  
11 **NNMCAB Support Staff**

- 12 Menice Santistevan, Executive Director
  - 13 Bridget Maestas, Administrative Assistant
  - 14 William Alexander, Technical Programs and Outreach
- 

15  
16 **Guests**

- 17 Jeffrey Mousseau, Los Alamos National Security
- 18 Mark Haagenstad, Los Alamos National Security
- 19 Tony Grieggs, Los Alamos National Security
- 20 Alison Dorries, Los Alamos National Security
- 21 Scott Kovac, Nuclear Watch New Mexico
- 22 Melissa Torres, Public
- 23 Darien Cabral, Regional Coalition of LANL Communities

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

1 **Minutes**

2 **I. Call to Order**

3 The bi-monthly meeting of the Northern New Mexico Citizens' Advisory Board  
4 (NNMCAB) was held on November 20, 2013 at the Ohkay Conference Center in Ohkay  
5 Owingeh, New Mexico. Ms. Christina Houston the Alternate Deputy Designated Federal  
6 Officer (ADDFO) stated that on behalf of the Department of Energy (DOE) the meeting of the  
7 NNMCAB was called to order at 1:09 p.m.

8 Ms. Houston recognized Mr. Carlos Valdez the NNMCAB Chair. The Chair presided at the  
9 meeting.

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

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12  
13 **II. Establishment of a Quorum (12 needed)**

14 **a. Roll Call**

15 Mr. William Alexander conducted roll call as the members arrived. At the call to  
16 order 10 members were present. The following members arrived after the call to order:  
17 Dr. Nona Girardi arrived at 1:11 p.m., Mr. Douglas Sayre arrived at 1:12 p.m., Ms. Bonnie  
18 Lucas arrived at 1:14 p.m., Mr. Gerard Martinez arrived at 1:21 p.m., and Ms. Mary  
19 Friday arrived at 1:23 p.m. A quorum was established at 1:12 p.m.

20  
21 **b. Excused Absences**

22 Mr. Alexander recorded that: Ms. Deborah Shaw, Ms. Allison Majure, Mr. Alex  
23 Puglisi, Ms. Brenda Gallegos, and Mr. Joseph Viarrial had excused absences for this  
24 meeting.

25  
26 **c. Absences**

27 Mr. Alexander recorded that Mr. Adrian Chavez Sr. was absent.

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28  
29 **III. Welcome and Introductions**

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

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32  
33 **IV. Approval of Agenda**

34 The board reviewed the agenda for the November 20, 2013 NNMCAB meeting.

35  
36 Mr. Manuel Pacheco made a motion to approve the agenda as presented; Mr. Daniel  
37 Mayfield seconded the motion. The motion to approve the agenda as presented was  
38 unanimously passed.

1       **V.       Approval of Minutes**

2               The board reviewed the minutes of the September 10, 2013 Combined Committee (CC)  
3 meeting, and the minutes of the September 25, 2013 NNMCAB meeting. By ongoing  
4 instruction from DOE Headquarters, the minutes were previously reviewed and certified by  
5 the NNMCAB Chair.

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

8  
9               Mr. Doug Sayre made a motion to approve the minutes from the September 10, 2013  
10 CC meeting; Mr. Pacheco seconded the motion. The members voted all in favor, the motion  
11 to approve the minutes from the September 10, 2013 CC meeting as presented passed.  
12

13               Mr. Stephen Schmelling made a motion to approve the minutes from the September 25,  
14 2013 NNMCAB meeting as presented; Mr. Sayre seconded the motion. The members voted  
15 all in favor, the motion to approve the minutes from the September 25, 2013 NNMCAB  
16 meeting as presented passed.  
17

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18       **VI.       Public Comment Period**

19               Mr. Valdez opened the floor for public comment at 1:19 p.m. With no members of the  
20 public wishing to address the board, Mr. Valdez closed the public comment period at 1:20  
21 p.m.  
22

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23       **VII.       Old Business**

24               **a.       Written Reports**

25               Mr. Schmelling asked if the NNMCAB would be meeting in December.

26  
27               Ms. Menice Santistevan noted that the next meeting of the Combined Committee  
28 would be January 8, 2014 at the NNMCAB office, and the next board meeting would be  
29 held on January 29, 2014 at the Lodge at Santa Fe. Ms. Santistevan noted that the  
30 meetings are advertised in the local newspapers, through flyer distribution and posting  
31 in the Federal Register.  
32

33               Dr. Girardi asked if it was possible to put ads in the Santa Fe New Mexican, the Santa  
34 Fe Reporter, the Los Alamos Monitor and the LA Daily Post. If budget was a concern Dr.  
35 Girardi recommended having advertisements put in the Community Events sections of  
36 those papers since it is free.  
37

38               Mr. Valdez also noted that the NNMCAB advertises meetings on the Facebook page  
39 and on the NNMCAB website. He also stated that the meetings are aired on the public  
40 access stations in the local areas.

1           **b. Other Items**

2           Mr. Bob Villarreal asked about the press in Santa Fe concerning the clean-up of TA-  
3           54, and if it was addressing the 33 Shafts or the other waste at TA-54.

4  
5           Ms. Houston stated that she would look into what has been published and get back  
6           to the board with an answer.

7  
8           Ms. Santistevan noted that the group that Mayor David Coss was Chair of was the  
9           Regional Coalition of LANL Communities.

10  
11          Mr. Villarreal stated that the NNMCAB in the past had submitted a recommendation  
12          regarding the 33 Shafts, and he was concerned that with all the noise from Santa Fe, the  
13          TA-54 area could be a big issue.

14  
15          Mr. Valdez asked the Executive Director from the RCLC if he would like to address the  
16          issue.

17  
18          Mr. Darien Cabral stated that Mayor Coss is the Chair of the RCLC and at the last  
19          meeting he brought up the issue of a resolution concerning TA-54; however, it was not  
20          discussed at the RCLC meeting and the resolution that Mr. Villarreal was referring to  
21          was Mayor Coss' not the RCLCs.

22  
23          Mr. Daniel Mayfield noted that Mayor Coss brought the resolution forward at the  
24          November RCLC meeting. He stated that the resolution would be discussed at the  
25          December 13, 2013 RCLC meeting, noting that a copy of the resolution could be  
26          provided to the NNMCAB.

27  
28          Mr. Mike Loya stated that recommendations and resolutions need to take risk and  
29          cost into consideration, not just rely on political ease. He noted that removal of the 33  
30          Shafts would possibly put workers at risk. Mr. Loya asked that the NNMCAB assess the  
31          33 Shafts from a scientific and monetary standpoint and put aside political ease.

32  
33          Ms. Bonnie Lucas stated that in her community individuals she had spoken with  
34          viewed the article on TA-54 as possibly being a political move, concerning the upcoming  
35          elections.

36  
37          Mr. Valdez asked Mr. Pete Maggiore for an update on the TRU Program timeline  
38          presentation that was presented in December 2012.

39  
40          Mr. Maggiore responded that an updated timeline could be presented to the board  
41          at its next board meeting in 2014.

1 Mr. Villarreal asked if LANL would present on the information that is being utilized in  
2 the 33 Shaft decision process. He noted that he was concerned that LANL was not using  
3 all of the information that is available on the 33 Shafts.  
4

5 Mr. Maggiore responded that a presentation could be provided for the board at the  
6 January 29, 2014 meeting to update the board on the 33 Shafts.  
7

8 Mr. Villarreal asked if the NNMCAB would like to consider pressing DOE on the issue  
9 of using new techniques to reduce chromium 6 to chromium 3 in-situ.  
10

11 Mr. Maggiore responded that DOE is currently looking at conventional and innovative  
12 technologies to remediate the chromium plume. He noted that the pump and treat test  
13 would be shutting down for the winter and would be resuming in the spring of 2014.  
14 Mr. Maggiore stated the DOE would be happy to look at any information that the  
15 NNMCAB would like to provide regarding chromium treatment, and that DOE would be  
16 working on drafting the Corrective Measures Evaluation plan for the chromium plume.  
17

18 Mr. Pacheco stated that he felt that the NNMCAB should not exhaust anymore time  
19 or resources, but rather review the information that the NNMCAB already has.  
20

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21 **VIII. New Business**

22 **a. Election of Committee Officers**

23 Mr. Valdez opened the floor for nomination of Environmental Monitoring &  
24 Remediation (EM&R) and Waste Management (WM) committee officers.  
25

26 Mr. Joey Tiano nominated Mr. Loya for EM&R Committee Chair; Mr. Gerard Martinez  
27 seconded the nomination. Mr. Loya accepted the nomination.  
28

29 Mr. Sayre nominated Mr. Schmelling for EM&R Committee Chair; nomination was  
30 seconded. Mr. Schmelling accepted the nomination.  
31

32 Ms. Angel Quintana nominated Mr. Pacheco for WM Committee Chair; Mr. Loya  
33 seconded the nomination. Mr. Pacheco accepted the nomination.  
34

35 Mr. Pacheco nominated Ms. Quintana for WM Committee Vice-Chair; Mr. Martinez  
36 seconded the nomination. Ms. Quintana accepted the nomination.  
37

38 Mr. Loya nominated Mr. Villarreal for EM&R Committee Vice-Chair; Mr. Villarreal  
39 declined the nomination.  
40

1 Mr. Pacheco nominated Mr. Villarreal for WM Committee Chair; Mr. Loya seconded  
2 the nomination. Mr. Villarreal declined the nomination.

3  
4 Mr. Valdez nominated Dr. Girardi for EM&R Committee Vice-Chair; Mr. Sayre  
5 seconded the nomination. Dr. Girardi accepted the nomination.

6  
7 Ms. Santistevan noted that Mr. Loya would be term limited in April 2014.

8  
9 Mr. Valdez noted that Ms. Bridget Maestas and Ms. Santistevan would tally the  
10 ballots and the NNMCAB Chair would announce the results.

11  
12 Mr. Valdez informed the members that the results of the committee elections were  
13 as follows. Mr. Pacheco was elected as WM Committee Chair, Ms. Quintana was elected  
14 as WM Committee Vice-Chair, Mr. Loya was elected as EM&R Committee Chair, and Dr.  
15 Girardi was elected as EM&R Vice-Chair.

16  
17 **b. Report on Annual Board Evaluation**

18 Mr. Valdez reviewed the results of the Annual Board Evaluation with the members.

19  
20 Mr. Pacheco noted that as a whole he felt that the board had done an excellent job  
21 over the last year. He also noted that DOE had done a good job in responding over the  
22 past year.

23  
24 Mr. Schmelling asked how many members had returned a completed survey.

25  
26 Ms. Santistevan responded that sixteen members had completed the survey.

27  
28 Dr. Girardi noted that the color scheme on the charts was hard to read and suggested  
29 that in the future the color scheme could be changed so that colors correspond to a  
30 specific meaning.

31  
32 Mr. Valdez stated that overall he would give the board an 88% for performance over  
33 the last year.

34  
35 Mr. Mayfield asked if there was a national comparison of all of the different sites.

36  
37 Mr. Valdez noted that each site is different and that each site has its own way of  
38 completing their annual surveys. He stated that to his knowledge there was not a  
39 national report that compares the different sites to each other.

40  
41 Ms. Santistevan responded that the closest would be the annual report that the  
42 Environmental Management Site Specific Advisory Board (EM-SSAB) submits to GSA;

1 however she noted that the annual report really deals with different issues than the  
2 annual evaluation.

3  
4 Ms. Houston noted that it is very difficult to compare the different CABs to each  
5 other since each site deals with different issues and does not allow for an easy across  
6 the board comparison.

7  
8 Mr. Loya noted that in all his time on the board it has been very difficult to get the  
9 public to attend the meetings. He noted that the NNMCAB needs to fill the void in  
10 getting the general public to attend, and work on outreach in this area.

11  
12 Mr. Valdez stated that from what he has seen the only common ground between the  
13 sites is the budget and WIPP, noting that each of the sites has a different mission that  
14 they are tasked with completing.

15  
16 Ms. Houston recommended having a presentation on the scope of the DOE complex  
17 and the different mission that each of the sites is tasked with.

18  
19 **c. Report on EM-SSAB Chairs Meeting (Portsmouth, Ohio)**

20 Mr. Valdez opened the floor for comments from the attendees of the Portsmouth  
21 Chairs meeting.

22  
23 Mr. Sayre stated that one of the most valuable aspects of the meeting was talking to  
24 the Chairs and Vice-Chairs from the other CABs and hearing about issues at their sites.  
25 Mr. Sayre also noted that the presentation that had been given on the Waste  
26 Information and Management System had been very valuable. He stated that he would  
27 like to have training on that site available for the NNMCAB members.

28 Mr. Sayre stated that the Chairs had received a windshield tour of the Portsmouth  
29 Site, noting that the site is large, with three structures that covered 33 acres each.

30  
31 Mr. Valdez noted the large cost of electricity during operation.

32  
33 Mr. Valdez moved on to consideration and action on the recommendations that were  
34 drafted at the Portsmouth Chairs meeting. He noted that the recommendations were  
35 not allowed to be changed, the NNMCAB would only be voting yes or no.

36  
37 **1. Consideration and Action on EM Funding Recommendation**

38 Mr. Valdez gave an overview on the content of National Recommendation  
39 2013-01 noting that it was dealing primarily with budget issues, and opened  
40 the floor for questions and comments.

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Mr. Pacheco made a motion to approve National Recommendation 2013-01; Ms. Irene Tse-Pe seconded the motion. The members voted all in favor, the motion to approve 2013-01 passed.

Dr. Girardi stated that it was a good idea for all departments under sequestration to have some ability to make their own priorities.

**2. Consideration and Action on IAEA Standards Recommendation**

Mr. Valdez gave an overview on the content of National Recommendation 2013-02 noting that this recommendation had been drafted by the Hanford Board, and opened the floor for questions and comments.

Mr. Sayre made a motion to approve National Recommendation 2013-02; Mr. Tiano seconded the motion. The members voted all in favor, the motion to approve 2013-02 passed.

**3. Consideration and Action on Representation of Legacy Waste Paths**

Mr. Valdez gave an overview on the content of National Recommendation 2013-03 noting that it was dealing primarily with recycling, and opened the floor for questions and comments.

Dr. Girardi asked for a definition of volumetrically contaminated, and if there was a path for recycling within DOE for items that could not be recycled in the commercial stream.

Mr. Valdez responded that there is equipment that is contaminated on the surface and equipment that is contaminated throughout. He noted that the ingots of nickel at Paducah are contaminated throughout so the contamination cannot just be wiped off.

Mr. Villarreal noted that the nickel is a catalytic element that gets contaminated throughout and must be dissolved and processed to remove the contamination.

Dr. Girardi asked for examples of the high value materials that would be kept on site awaiting new recycling technologies.

Mr. Valdez stated that at LANL there is a large amount of copper, at Paducah the 10,000 nickel ingots, and in Nevada there are busses and railroad tracks that could be cleaned up.

1 Mr. Maggiore noted that currently LANL is trying to decontaminate several  
2 large excavators in an effort to keep from having to bury them in one of the  
3 disposal areas.

4  
5 Ms. Houston noted that DOE has struggled with a path forward for the issue  
6 of recycling. She advised the members that part of the purpose of this  
7 recommendation was to help keep focus on the recycling issue.

8  
9 Mr. Loya asked what the cost of the recycling would be and if a value analysis  
10 had been done. He noted that some of the items should perhaps be left in  
11 place if the cost and risk of removal was too high.

12  
13 Mr. Sayre made a motion to approve National Recommendation 2013-03; Mr.  
14 Pacheco seconded the motion. The members voted all in favor, the motion to  
15 approve 2013-03 passed.

16  
17 **d. Comments on Waste Isolation Pilot Plant (WIPP)/Waste Control Specialists (WCS) Tour**

18 Mr. Valdez asked the members for their comments on the recent tour of the WIPP  
19 and WCS sites.

20  
21 Ms. Mary Friday stated that she thought it was a wonderful trip. She noted that she  
22 felt the site was safe and the WIPP site was very interesting. Ms. Friday noted that  
23 fellow members had also helped her by providing extra information. The guides at both  
24 locations were very knowledgeable and had great information on the sites.

25  
26 Mr. Mayfield noted that he thought the sites were safe. He also noted that the WCS  
27 site was an experience for him since it is so close to New Mexico and yet New Mexico  
28 has no say in how it is regulated. Mr. Mayfield thanked the staff for arranging the trip.

29  
30 Mr. Schmelling stated that it was a great trip and he felt it should be a must for new  
31 members of the board. He noted that the WIPP site was much larger than he realized,  
32 and that the guides were very knowledgeable and friendly.

33  
34 Ms. Ashley Sanderson stated that she had only been able to attend the WIPP tour.  
35 She noted that the tour was a great learning experience and she was glad that she had  
36 the opportunity to see the WIPP site.

37  
38 **e. Unveiling of New NNMCAB Logo**

39 Mr. Valdez asked Mr. Paul Torres to come up and unveil the new NNMCAB Logo. He  
40 noted that Paul was from San Ildefonso Pueblo and works as an intern at DOE.

41

1 Mr. Torres stated that he had been asked by Mr. Lee Bishop to design a new logo for  
2 the NNMCAB. He addressed the members and provided an explanation of the design  
3 concept and symbolism represented in the new logo.

4 Mr. Torres stated that the 2013 logo represents environmental stability. The corn  
5 stalk represents agriculture and throughout history is one of the main food sources in  
6 Northern New Mexico. In the circle of the corn stalk, the pueblo building represents  
7 culture in the area, and above that is the cycle of day and night. Below the building are  
8 four arrows representing the four directions: north, east, west, and south, the red  
9 surrounding the arrows act as a human representation. Underneath the arrows are  
10 angled lines in the color of green that depict agricultural fields. Beneath the fields is the  
11 water which ties each area together. Another concept is the serpent which is displayed  
12 below the title which symbolizes the animal that lives both on land and water.

13 Mr. Torres thanked the board for the opportunity to redesign the logo and the  
14 opportunity to explain its meaning.

15  
16 Ms. Tse-Pe congratulated Paul for his work, and noted that she felt the new logo  
17 adequately represent the NNMCAB's mission and the history of the area and lands.

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18  
19 **IX. Presentation on Natural Resource Damage Assessment**

20 **a. Overview of the Natural Resource Damage Assessment**

21 Mr. Mike Gardipe gave a presentation to the NNMCAB on what the Natural Resource  
22 Damage Assessment (NRDA) is and how it applies to LANL. An electronic copy of the  
23 presentation may be obtained from the NNMCAB website;

24 <http://www.nnmcab.energy.gov/7-presentations/presentations.htm>. Video of the  
25 presentation is also available on the NNMCAB's YouTube Channel "NNMCAB".

26  
27 **b. Questions**

28 Mr. Loya asked how much the assessment had cost to date, and when did the  
29 assessment begin.

30  
31 Mr. Gardipe responded that the assessment began in 2008 and to date  
32 approximately \$2 million has been spent.

33  
34 Mr. Villarreal asked about the release at Kirtland Air force Base.

35  
36 Mr. Gardipe noted that he did not know enough about that topic to answer the  
37 question appropriately.

38  
39 Mr. Loya asked if the NRDA council had a projected budget.  
40

1 Mr. Gardipe responded that the assessment could cost between \$2 million and \$25  
2 million; however, at this time there is no easy way to accurately project a budget.

3  
4 Mr. Pacheco asked what kicked in the need for the pre-assessment screening.

5  
6 Mr. Gardipe stated that he should know the answer; however he was not sure. He  
7 noted that he would get the board an answer to the question.

8  
9 Mr. Schmelling asked if the original resource location cannot be restored, is the  
10 resource restored in a different location.

11  
12 Mr. Gardipe responded yes, if the original location or resource cannot be restored  
13 then compensatory damages can be assessed and an offsite location restored.

14  
15 Dr. Girardi asked if NRDA deals with a specific time period or is it from the inception  
16 of LANL.

17  
18 Mr. Gardipe responded that the regulation that drives NRDA was enacted in 1980, so  
19 under normal circumstances the damages are assessed from 1980 on.

20  
21 Dr. Girardi asked if some locations were better now than in 1980 but worse than the  
22 location was before 1980.

23  
24 Mr. Gardipe responded that in that case NRDA would only be able to look at the loss  
25 of the resource from 1980 on.

26  
27 Mr. Loya asked if the LANL NRDA Council had received any compensatory claims

28  
29 Mr. Gardipe responded that the job of the Council is to determine what those  
30 damages would be.

31  
32 Ms. Lucas asked if there was more than one trustee for LANL and how many trustees  
33 are on the council.

34  
35 Mr. Gardipe stated that this council is the LANL NRDA council and there are 6  
36 trustees on the council; however not all of the trustees are from LANL; there are also  
37 trustees from the state and local tribes.

---

38  
39 **X. Update from Liaison Members**

40 **a. New Mexico Environment Department**

41 No representative from NMED was present.

42

1           **b. Los Alamos National Laboratory**

2           Mr. Jeff Mousseau gave the NNMCAB an update on the Environmental Programs, the  
3           status of the 3706 Campaign, and the major accomplishments of Fiscal Year (FY) 2013.  
4           "Environmental Programs Update for November 20, 2013." An electronic copy of the  
5           presentation may be obtained from the NNMCAB website;  
6           <http://www.nnmcab.energy.gov/7-presentations/presentations.htm>. Video of the  
7           presentation is available on the NNMCAB's YouTube channel  
8           <http://www.youtube.com/user/NNMCAB>.

9  
10           Mr. Villarreal asked if a subassembly from the 33 Shafts could be put into the  
11           transport cask that goes to WCS or the Idaho Laboratory.

12  
13           Mr. Mousseau responded that it could be a possibility, with the shielding that the  
14           cask has.

15  
16           Mr. Martinez asked if LANL gets fined by OSHA.

17  
18           Mr. Mousseau responded that LANL is not fined but that incidents must be reported  
19           on the OSHA 400 report.

20  
21           Mr. Sayre asked for an update on the chromium plume.

22  
23           Mr. Mousseau stated that the chromium plume test uses ion exchange columns to  
24           remove the chromium from the water. He noted that the treated water is then land  
25           applied, and the columns with the chromium 6 in the resin are processed as hazardous  
26           waste.

27  
28           Dr. Girardi asked what the cost of shipping to Idaho was.

29  
30           Mr. Mousseau and Mr. David Nickless responded that there would be 18 shipments  
31           and the cost for all the shipments would be \$700,000.

32  
33           Dr. Girardi asked what was found in the Ashley Pond project that was just completed.

34  
35           Mr. Mousseau responded that the confirmation samples that had been taken during  
36           the project were clean.

37  
38           Mr. Schmelling asked if the 3706 Campaign was on schedule.

39  
40           Mr. Mousseau noted that yes the Campaign was on schedule, and the corrugated  
41           metal pipe retrieval would likely begin in the late third quarter of FY'14.  
42

1                   **c. Department of Energy**

2                   Mr. Pete Maggiore gave the NNMCAB an update on the Outlook for FY'14. "Los  
3 Alamos Field Office FY'14 Outlook." An electronic copy of the presentation may be  
4 obtained from the NNMCAB website; [http://www.nnmcab.energy.gov/7-](http://www.nnmcab.energy.gov/7-presentations/presentations.htm)  
5 [presentations/presentations.htm](http://www.nnmcab.energy.gov/7-presentations/presentations.htm). Video of the presentation is available on the  
6 NNMCAB's YouTube channel <http://www.youtube.com/user/NNMCAB>.

7  
8                   Mr. Loya asked if there would be a shortfall in funding in FY'14

9  
10                  Mr. Maggiore responded that the plans are for a Continuing Resolution, if the budget  
11 is higher that would be great but the current budget assumes the \$173 million.

12  
13                  Mr. Loya asked if Material Disposal Area (MDA) H would be taking a back seat to the  
14 3706 Campaign.

15  
16                  Mr. Maggiore stated that Corrective Measures Evaluation reports for MDAs H, L, and  
17 G have all been submitted to NMED. He noted that when the annual work plans were  
18 developed a risk based approach would be used to assess which project should be  
19 completed.

20  
21                   **d. Upcoming Hearings and Permits**

22                  Mr. Mark Haagenstad gave the NNMCAB an update on the hazardous waste facility  
23 permit modification requests and closures in progress. "Los Alamos National  
24 Laboratories Hearings & Permit Update for November 20, 2013." An electronic copy of  
25 the presentation may be obtained at the NNMCAB website  
26 <http://www.nnmcab.energy.gov/7-presentations/presentations.htm>. Video of the  
27 presentation is available on the NNMCAB's YouTube channel  
28 <http://www.youtube.com/user/NNMCAB>

29  
30                  Mr. Villarreal asked what the open burn units were used for.

31  
32                  Mr. Haagenstad responded that they were used to dispose of high explosives (HE)  
33 that are too dangerous to transport, or dispose of in any other way.

34  
35                  Ms. Lucas asked how many open burn units are at LANL.

36  
37                  Mr. Haagenstad stated that there is only one operation site and two that are in  
38 closure.

39  
40                  Dr. Girardi asked how the HE is stored before disposal.

1 Mr. Haagenstad responded that the HE is stored as safely as possible and for as short  
2 a time as possible.

---

3  
4 **XI. Public Comment Period**

5 Mr. Valdez opened the public comment period at 6:01 p.m.

6  
7 Mr. Scott Kovac stated that on the permit modifications update perhaps LANL could also  
8 include a section on upcoming public comment periods. He noted that the Radioactive  
9 Liquid Waste Treatment Facility permit was in public comment and that the comment  
10 period would be closing on December 10, 2013. Mr. Kovac wanted to make sure that the  
11 NNM CAB was aware of the open comment period and what the permit pertained to.

12  
13 With no other persons scheduled for public comment, Mr. Valdez closed the public  
14 comment at 6:04 p.m.

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15  
16 **XII. Items from the DDFO**

17 Ms. Houston gave the members an update on the status of the NNM CAB  
18 recommendations that had been submitted in FY'13. Ms. Houston reviewed the NNM CAB  
19 accomplishments for the year and congratulated the members on the work that had been  
20 accomplished in the past year. She noted that Headquarters was impressed with the work  
21 the NNM CAB has done. Ms. Houston stated that at the Federal session at the Portsmouth  
22 meeting she had given a presentation on the NNM CAB and how it functions.

23 Ms. Houston stated that the NNM CAB would be sending members to attend the Waste  
24 Management Conference in Phoenix, Arizona in March.

---

25  
26 **XIII. Wrap-up and Comments**

27 Mr. Schmelling noted that the meeting had been very interesting and that he would like  
28 to thank the staff for a job well done.

29  
30 Mr. Loya stated that he felt the NNM CAB needs to focus on the primary issues and that  
31 he thought water was one of those issues. He noted that the NNM CAB needed to be  
32 focused on the reality of the cost involved in clean-up.

33  
34 Mr. Martinez thanked the staff and noted that it was good to hear that the staff was  
35 recognized nationally. He noted that the improvement on diversity was good and that he  
36 would like to see diversity in the Chair and Vice-Chair positions.

37  
38 Dr. Girardi also thanked the staff. She noted that it was good to have a member from  
39 the RCLC here since it is good to have diversity in the viewpoints addressed. Dr. Girardi  
40 noted that she liked the new logo and the symbolism in the logo is easy to see.

1 Mr. Sayre stated that it was an eventful meeting and thanked everyone for attending.  
2 He also noted that the chairs meeting was a great experience.

3  
4 Mr. Villarreal thanked the CAB for the WIPP and WCS tours, noting the trip was  
5 educational.

6  
7 Mr. Mayfield stated that the meeting had been a learning experience and thanked the  
8 attendees.

9  
10 Ms. Kaitlin Martinez thanked everyone for attending and noted that she had just  
11 returned to work from her maternity leave.

12  
13 Mr. Tiano thanked everyone for the informative meeting and the recent trips to WIPP  
14 and WCS.

15  
16 Mr. Valdez thanked the members for attending and congratulated the new committee  
17 officers.

---

18  
19 **XIV. Adjournment**

20 With no additional business to discuss, Ms. Houston adjourned the meeting at 6:18 p.m.

21 **Respectfully Submitted,**



22 **Carlos Valdez, Chair, NNMCAB**

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

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24 **Attachments:**

- 25  
26 1. **Final NNMCAB Meeting Agenda for 11/20/2013**  
27 2. **Final NNMCAB Meeting Minutes for 09/10/2013 Combined Committee Meeting**  
28 3. **Final NNMCAB Meeting Minutes for 09/25/2013 Taos Board Meeting**  
29 4. **Report from Carlos Valdez, NNMCAB Chair**  
30 5. **Report from Menice Santistevan, Executive Director**  
31 6. **Northern New Mexico Citizens' Advisory Board Annual Board Evaluation Results CY'13**  
32 7. **National Recommendation 2013-01 EM Funding**  
33 8. **National Recommendation 2013-02 IAEA Standards**  
34 9. **National Recommendation 2013-03 Representation of Legacy Waste Paths**  
35 10. **Los Alamos National Laboratory Environmental Report 2012 Summary**

- 1       **11. Presentation by Mike Gardipe, Natural Resource Damage Assessment**
- 2       **12. Update from LANL, Environmental Programs, Jeff Mousseau**
- 3       **13. Update from DOE, FY'14 Outlook, Pete Maggiore**
- 4       **14. Update from LANL, Hearings & Permits, Mark Haagenstad**

5

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6       **Public Notice:**

7

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

11

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

**REPORT FROM THE CHAIR**

**NORTHERN NEW MEXICO CITIZENS ADVISORY BOARD**

**JANUARY 29, 2014 BOARD MEETING**

**SANTA FE, NEW MEXICO**

I. Routine Chair Activities since last NNM CAB meeting on 11/20/13:

A. On December 13, 2013, the Chair attended the Regional Coalition of LANL Communities meeting held in Santa Fe. During the meeting, a Resolution approved by the City of Santa Fe was discussed. The Resolution requests that LANL remove all waste from Area G, as opposed to cap and cover. The Town of Taos has approved a similar resolution.

B. The Chair reviewed and approved the Executive Committee meeting minutes from September 10<sup>th</sup>, in preparation for the January 8, 2014, Executive Committee meeting.

C. Registered for the Waste Management Symposium to be held the first week of March.

D. Wrote a brief report on the Fall National Chairs meeting held in Portsmouth, Ohio, which was included in the Winter NNM CAB Newsletter.

E. On December 5, 2013, the Chair participated in a conference call with Lee and other Executive Committee members to plan and outline presentations for the January and February timeframes. Presentations are planned months in advance, to allow the presenters to prepare and to have time to publish agendas in The Federal Register, as required under the Federal Advisory Act.

F. The Chair participated in another conference call on January 14, 2014. This was again with Lee, Menice and the Executive Committee to discuss sending Board representatives to the Environmental Justice Conference in Washington DC, at the end of March.

II. Participated in the National Chairs teleconference on January 15, 2014. An update was given on the FY '14 EM Budget which was very promising. It seems EM budgets will be slightly higher this year as opposed to last year. Actual approved budget numbers should be available by the full Board meeting on the 29<sup>th</sup> of January. The Chair reported at the national level, that LANL's 3706 Campaign will likely finish a month ahead of schedule. Also reported was the fact that the City of Santa Fe and the Town of Taos have passed similar resolutions that request LANL to remove all waste from Area G, as opposed to cap and cover.

III. No other activity to report.

Submitted by:

Carlos Valdez

Chair, NNM CAB

January 20, 2014

**Northern New Mexico Citizens' Advisory Board  
Executive Director's Report**

**January 29<sup>th</sup>, 2014**

**Board Membership:** The NNM CAB currently consists of 22 members. A nomination package was formally submitted to DOE Headquarters requesting the re-appointment of Ashley Sanderson and Allison Majure and the appointment of Mona Varela. Brenda Gallegos, Deb Shaw and Mike Loya will be going off the board at the end of April. Kaitlin Martinez serves as a college student member and Gary Johnson, Deidre Roybal and Jerry Trujillo serve as high school student members from Pojoaque High School.

**Executive Committee:** The Executive Committee met on Jan. 8<sup>th</sup> at the NNM CAB office. The committee discussed the results of the Annual Self Evaluation and what changes may be made to improve NNM CAB processes or to address member concerns. The Ad Hoc Committee (Alex Puglisi, Ashley Sanderson and Manuel Pacheco) will review the results thoroughly and will recommend any changes. The committee also discussed the FY' 15 Budget, reviewed and approved the Bi-monthly meeting schedule for 2014 and approved the agenda for this meeting.

**EM-SSAB Chairs' Meeting:** The Spring Chairs' Meeting has been scheduled for April 22 – 24, in Richland, Washington (hosted by the Hanford Advisory Board). Carlos, Doug and Joseph Viarrial will represent the NNM CAB; Lee, Christina and Menice will also attend. The NNM CAB is scheduled to host the Chairs' meeting in September 2015.

**Board Meeting Preparations:** I prepared the Draft Agenda and submitted the notice to *The Federal Register*, in compliance with the Federal Advisory Committee Act. The NNM CAB staff made all arrangements at The Lodge at Santa Fe including meeting room set-up, catering and reservations for overnight accommodations for NNM CAB members. Lee Bishop and I coordinated the speakers and the Liaison Member attendance. All meeting materials were copied and collated by Bridget Maestas and 60 meeting packets were mailed out on January 22nd. An advertisement for the meeting was placed in *The New Mexican* and the *Pasatiempo*; Press Releases were sent to all newspapers for publication in the Community Calendar sections. Notices were posted on the NNM CAB website and on Facebook by William Alexander. Flyers advertising the meeting were also posted around northern New Mexico.

**Outreach:** Recruitment letters were sent out to Women's Organizations in northern New Mexico, asking for nominees to serve on the NNM CAB. The bi-monthly meetings are telecast via public access channels in Santa Fe, Los Alamos, Albuquerque and Taos and are posted on YouTube. The NNM CAB also has a Facebook page and all presentations, recommendations and correspondence are posted on the NNM CAB's web site: [www.nnmcab.energy.gov](http://www.nnmcab.energy.gov)

**Important Upcoming Dates:**

**February 12th: Executive Committee and Combined Committee Meetings**

**March 12<sup>th</sup>: Executive Committee and Combined Committee Meeting**

**March 26<sup>th</sup>: Bi-monthly NNM CAB meeting at Sandia Resort**

**FINAL**

**NNMCAB BI-MONTHLY MEETING SCHEDULE**

**2014**

**January 29<sup>th</sup>**

Noon to 1:00—Networking Lunch  
1:00 p.m. to 5:00 p.m. Board Meeting

**The Lodge at Santa Fe**

750 N. St. Francis Dr.  
Santa Fe, NM 87501

**March 26<sup>th</sup>**

1:00 to 7:00 p.m.

**Sandia Resort**

30 Rainbow Road, N.E.  
Albuquerque, NM 87113

**May 21<sup>st</sup>**

1:00 to 7:00 p.m.

**Fuller Lodge**

2132 Central Ave.  
Los Alamos, NM 87544

**July 30<sup>th</sup>**

1:00 to 7:00 p.m.

**La Fonda on the Plaza**

100 E. San Francisco St.  
Santa Fe, NM 87501

**September 24<sup>th</sup>**

1:00 to 7:00 p.m.

**Sagebrush Conference Center**

1508 Paseo Del Pueblo Sur  
Taos, NM 87506

**November 19<sup>th</sup>**

1:00 to 7:00 p.m.

**Ohkay Conference Center**

68 New Mexico 291  
San Juan, NM 87566