



**Northern New Mexico Citizens' Advisory Board**  
**Combined Committee Meeting**  
April 27, 2016  
1:00 p.m. to 4:00 p.m.  
NNMCAB Office  
94 Cities of Gold Road  
Santa Fe, New Mexico 87506  
Minutes



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**Meeting Attendees**

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**Department of Energy**

1. Lee Bishop, Co-Deputy Designated Federal Officer
2. Michael Gardipe, Co-Deputy Designated Federal Officer
3. David Rhodes, Environmental Management Los Alamos Field Office, Director Office of Quality and Regulatory Compliance
4. Cheryl Rodriguez, Environmental Management Los Alamos Field Office

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**NNMCAB Members**

1. Angelica Gurulé, WM Committee Chair
2. Stephen Schmelling, EM&R Committee Chair
3. Diahann Lopez-Cordova, EM&R Committee Vice-Chair
4. Ashley Sanderson
5. Joey Tiano
6. Gerard Martínez y Valencia
7. Joshua Madalena
8. Carlos Valdez
9. Mona Varela
10. Doug Sayre

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**NNMCAB Members Excused Absences**

1. Angel Quintana
2. Nona Girardi
3. Danny Mayfield
4. Max Baca
5. Tessa Jo Mascareñas

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**NNMCAB Members Absent**

1. Michael Valerio
2. Irene Tse-Pe
3. Alex Puglisi
4. Michael Whiting
5. Rod Sanchez

- 1 NNMCAB Staff  
2 1. Menice Santistevan, Executive Director  
3 2. Bridget Maestas, Administrative Assistant  
4 3. William Alexander, Technical Programs and Outreach
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- 5  
6 **Guests**  
7 1. Frazer Lockhart, Stoller Newport News Nuclear  
8 2. Peter Hyde, Los Alamos National Security  
9 3. Steve Veenis, Los Alamos National Security

10 **\*All NNMCAB meetings are recorded. Audio CD's have been placed on file for review at the NNMCAB**  
11 **office, 94 Cities of Gold Road, Santa Fe, New Mexico, 87506. The written minutes are intended as a**  
12 **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) Waste Management (WM) and Environmental Monitoring & Remediation  
5 (EM&R) Committees was held on April 27, 2016 at the NNMCAB Office in Pojoaque, New  
6 Mexico.

7 Mr. Lee Bishop, Co-Deputy Designated Federal Officer stated that on behalf of the  
8 Department of Energy (DOE) the meeting of the NNMCAB was called to order at 1:05 p.m.  
9 Mr. Bishop recognized Ms. Angelica Gurulé, WM Committee Chair, Ms. Gurulé presided at  
10 the meeting.

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

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13 **II. Establishment of a Quorum (11 Needed)**

14 **a. Roll Call**

15 Mr. William Alexander conducted roll call as the members arrived. At the call  
16 to order 10 members were present. Mr. Alexander recorded that at the call to  
17 order, a quorum was not present.  
18

19 **b. Excused Absences**

20 Mr. Alexander recorded that the following members had an excused absence:  
21 Ms. Angel Quintana, Dr. Nona Girardi, Mr. Danny Mayfield, Mr. Max Baca, and Ms.  
22 Tessa Jo Mascareñas.  
23

24 **c. Absences**

25 Mr. Alexander recorded that the following members were absent: Mr.  
26 Michael Valerio, Ms. Irene Tse-Pe, Mr. Alex Puglisi, Mr. Michael Whiting, and Mr.  
27 Rod Sanchez.  
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29 **III. Approval of Agenda**

30 The Combined Committee (CC) reviewed the Agenda for the April 27, 2016 meeting. Ms.  
31 Gurulé asked for a motion.  
32

33 Ms. Varela made a motion to approve the agenda; Mr. Sayre seconded the motion. The  
34 motion to approve the agenda passed.

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35 **IV. Approval of Minutes**

36 Ms. Gurulé opened the floor for questions or comments on the minutes from the March  
37 9, 2016 CC meeting.  
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39 Mr. Sayre made a motion to approve the minutes as presented; Mr. Tiano seconded the  
40 motion. The members voted all in favor, the motion to approve the minutes as presented  
41 passed.  
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43 **V. Introductions**

44 Ms. Gurulé asked for introductions from the board members and all attending guests.  
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1 **VI. Old Business**

2 Ms. Gurulé opened the floor for discussion on Old Business.

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4 Mr. Sayre stated that he and Ms. Sanderson had attended the Spring 2016 Chairs  
5 meeting at the Oak Ridge Site. He noted that the tour of the site had been very beneficial.  
6 He stated that the Waste Isolation Pilot Plant (WIPP) had been a topic of discussion at the  
7 meeting. Additionally, noting that WIPP is still scheduled for a slow start in December of  
8 2016. Mr. Sayre advised the members that the Chairs had drafted two recommendations  
9 that would be on the NNMCABs May board meeting agenda for consideration and action.

10  
11 Mr. Schmelling asked if WIPP had lost any of its capacity due to the incident in February  
12 2014.

13  
14 Mr. Bishop responded that the first room in panel 7 had been lost, as it had to be sealed  
15 due to the incident and it was only about half full. Additionally, he noted that the remote  
16 handled waste is no longer going to be stored in room walls due to problems associated  
17 with drilling into the potentially contaminated salt in the wall. He noted that there are plans  
18 to possibly stack the remote handled waste on the floor and cover it in salt, this change  
19 would also remove some of the capacity at the site. Mr. Bishop stated that he would guess  
20 approximately 5% of the waste capacity may have been lost due to the incident.

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21 **VII. New Business**

22 **a. Discussion on Draft Recommendation 2016-03 "Consent Order Revision"**

23 Ms. Gurulé asked Mr. Valdez if he would like to give a brief overview of Draft  
24 Recommendation 2016-03.

25  
26  
27 Mr. Valdez responded that the purpose of the draft recommendation was to  
28 provide comments to the New Mexico Environment Department on the revision  
29 to the LANL Order on Consent. Additionally, noting that the overall intent of the  
30 recommendation was to help improve the quality and clarity of the Consent Order  
31 and improve the effectiveness of remediation at LANL.

32  
33 Ms. Gurulé opened the floor for discussion on the draft recommendation.

34  
35 After lengthy discussion the NNMCAB members decided to incorporate the  
36 following changes to the recommendation:

- 37  
38 1. Move the comment section lines 27 through 36 to the top of the  
39 recommendations section.  
40 2. On line 27 remove appreciates and replace with agrees and recommends.  
41 3. Add additional recommendations to the recommendation section as  
42 numbers 7 and 8.  
43 4. Incorporate comments provided by Mr. Schmelling into the  
44 recommendation.

1 Ms. Gurulé stated that the Ad-Hoc committee would take the action of  
2 incorporating the changes to the recommendation. Additionally, noting that if the  
3 members had additional changes for incorporation, they should submit them to  
4 the Ad-Hoc committee no later than May 3, 2016. Ms. Gurulé advised the  
5 members that Draft Recommendation 2016-03 would be on the May 18, 2016  
6 agenda for consideration and action.  
7

8 **b. LANL Consent Order Comments**

9 Ms. Gurulé noted that in the packet today were comments that Mr.  
10 Schmelling provided on the LANL Compliance Order on Consent.  
11

12 Mr. Schmelling noted that he had provided four comments on the new  
13 Consent Order that he thought needed to be addressed in order for the new  
14 Consent Order to be effective. These comments have been incorporated into his  
15 comments on Draft Recommendation 2016-03.  
16

17 The comments provided by Mr. Schmelling are provided as an attachment to  
18 the minutes.  
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20 **VIII. Update from DDFO**

21 Mr. Bishop stated that the new EM office would be moving to Pueblo Complex in May.  
22 He noted that the Chromium Project was going well and that operations for the interim  
23 action were moving forward. Mr. Bishop stated that the new filter assemblies were in the  
24 process of being installed on all of the Remediated Nitrate Salt Drums. Additionally, noting  
25 that the process should be completed before the next NNM CAB Board Meeting.

26 Mr. Bishop noted that the next Chairs Meeting is in Las Vegas Nevada the last week of  
27 August 2016. He also noted that the week of September 7<sup>th</sup> the Rad Waste Summit is being  
28 held in Nevada, if any members would like to attend please let the Executive Committee  
29 know.  
30

31 Mr. Gardipe stated that DOE is working on the Life Cycle Baseline and that as soon as it  
32 is available, DOE will be happy to provide a briefing to the NNM CAB.  
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34 **IX. Presentation**

35 **a. Department of Energy Buckman Direct Diversion**

36 Ms. Cheryl Rodriguez, Department of Energy, Environmental Management Los  
37 Alamos, and Mr. Steve Veenis Los Alamos National Security gave a presentation entitled,  
38 "Memorandums of Understanding Between the Department of Energy and the Buckman  
39 Direct Diversion Board Regarding Water Quality Monitoring and Surface Water  
40 Protection." An electronic copy of the presentation may be obtained from the NNM CAB  
41 website; <http://www.energy.gov/em/nnmcab>.  
42

1           **b. Questions**

2           Ms. Gurulé asked what the results of the fate analysis were.

3  
4           Ms. Rodriguez responded that the regulatory compliance officer for Buckman had just  
5 finalized the results of the study. Ms. Rodriguez noted that she thought that the report  
6 should be available on Buckman's website.

7  
8           Mr. Sayre asked if the new cameras were picking up flow where E 109.9 used to be  
9 located.

10  
11           Ms. Rodriguez responded that, "the location where E109.9 was, is where the first  
12 camera has been installed."

13  
14           Ms. Gurulé asked how the automated samplers work.

15  
16           Ms. Rodriguez responded that once flow is detected by the sampler it sends an  
17 automated signal to Buckman notifying them that there is flow at the sampling location.  
18 Additionally, she noted that at the same time the automated sampler begins collecting  
19 water.

20  
21           Mr. Sayre asked when the next Buckman meeting would be conducted.

22  
23           Ms. Rodriguez noted that the next meeting would be in November.

24  
25           Ms. Gurulé asked about the sampling of PCB's from the weir sediments and if LANL  
26 had found any in the samples collected.

27  
28           Mr. Veenis responded that yes LANL sampled for PCB's; however, the levels detected  
29 in the LA Weir sediments were below the regulatory levels, so the removed sediments  
30 were not classified as hazardous waste.

31  
32           Mr. Sayre asked what the COR logs are made from.

33  
34           Mr. Veenis responded that COR logs rolls from 20 to 30 feet long are made from  
35 coconut fiber which doesn't degrade as quickly as wood chips or straw.

36  
37           Mr. Sayre asked if LANL monitors the Rio Grande.

38  
39           Mr. Veenis responded that the Rio is monitored annually from the Otowi Bridge to  
40 Cochiti, with the samples being collected during the annual raft trip.

41  
42           Ms. Gurulé asked how the PCB's got into Los Alamos Canyon.

1  
2 Mr. Veenis responded that in the early days of the lab there were multiple facilities on  
3 the canyon rim and that is where the PCB's likely came from.  
4

5 Mr. Schmelling asked how often the Buckman Direct Diversion shuts down due to high  
6 turbidity in the river.  
7

8 Mr. Veenis responded that it happens quite often and is usually due to sediments  
9 washing out of Guaje Canyon, due to the impact of the Las Conchas fire on that area.  
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11 **X. Public Comment Period**

12 Ms. Gurulé opened the floor for public comment at 3:05 p.m., with no members of the  
13 public scheduled for comments, Ms. Gurulé closed the public comment period at 3:05 p.m.  
14

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15 **XI. Adjournment**

16 Ms. Gurulé noted that the next NNM CAB CC Meeting would be held on June 15, 2016 at  
17 the NNM CAB office from 1:00 p.m. to 4:00 p.m.  
18

19 With no additional business to discuss, Ms. Gurulé adjourned the meeting at 3:08 p.m.  
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21 **Respectfully Submitted,**

22 **William Alexander**

23 **Technical Programs and Outreach**  
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25 **Attachments:**

- 26 1. **Final Combined Committee Meeting Agenda for 04/27/2016**
- 27 2. **Final Combined Committee Meeting Minutes for 03/09/2016**
- 28 3. **Draft Recommendation 2016-03 "Consent Order Revision"**
- 29 4. **Comments on the LANL Compliance Order on Consent, Provided by NNM CAB Member Mr.**  
30 **Schmelling**
- 31 5. **RCLC Draft letter on the Revisions to the 2005 LANL Order on Consent**
- 32 5. **Presentation by DOE, "Memorandums of Understanding Between the Department of Energy**  
33 **and the Buckman Direct Diversion Board Regarding Water Quality Monitoring and Surface**  
34 **Water Protection"**

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