



Northern New Mexico Citizens' Advisory Board Meeting

November 19, 2014

1:00 p.m. to 5:15 p.m.

Ohkay Owingeh Conference Center
Ohkay Owingeh, New Mexico 87566



Minutes

Meeting Attendees

Department of Energy

1. Pete Maggiore, DOE Assistant Manager, Environmental Projects Office
2. Lee Bishop, DOE, Deputy Designated Federal Officer
3. J.R. Stroble, DOE Carlsbad Field Office
4. Christina Houston, DOE Environmental Projects Office
5. David Nickless, DOE Environmental Projects Office
6. David Rhodes, DOE Environmental Projects Office
7. Toni Chiri, DOE Los Alamos Field Office

NNMCAB Members

1. Doug Sayre, NNMCAB Chair
2. Stephen Schmelling, Chair Environmental Monitoring and Remediation Committee
3. Manuel Pacheco, Chair Waste Management Committee
4. Tessa Jo Mascareñas
5. Gerard Martinez
6. Mary Friday
7. Mona Varela
8. Danny Mayfield
9. Irene Tse-Pe
10. Alex Puglisi
11. Carlos Valdez
12. Michael Valerio
13. Joey Tiano

NNMCAB Student Members

1. Alyssa Schreiber
 2. Deidre Roybal
 3. Savannah Martinez
-

NNMCAB Excused Absences

1. Nona Girardi
 2. Allison Majure
 3. Joseph Viarrial
 4. Ashley Sanderson
-

NNMCAB Member Absences

1. Bonnie Lucas
 2. Angel Quintana
-

NNMCAB Support Staff

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

Guests

1. Max Ortiz, 2nd Lieutenant Governor, Ohkay Owingeh
2. Bruce Robinson, Los Alamos National Security
3. Patti Jones, Los Alamos National Security
4. Kaitlin Martinez, Los Alamos National Security
5. Scott Kovac, Nuke Watch New Mexico
6. Michele Jacquez-Ortiz, U.S. Senator Tom Udall's Office
7. Laura Day, Project Time & Cost, LLC.
8. Michael Brandt, Los Alamos National Security
9. Rick Ulibarri, Los Alamos National Security
10. Secretary Ryan Flynn, NMED
11. Don Winchell, Public
12. Randy Erickson, Los Alamos National Security

***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.**

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 19, 2014 at the Ohkay Owingeh Conference Center,
5 Ohkay Owingeh, New Mexico. Mr. Lee Bishop, Deputy Designated Federal Officer (DDFO)
6 stated that on behalf of the Department of Energy (DOE) the meeting of the NNMCAB was
7 called to order at 1:07 p.m.

8 Mr. Bishop recognized Mr. Doug Sayre, 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.

12 **II. Establishment of a Quorum (10 Needed)**

13 **a. Roll Call**

14 Mr. William Alexander conducted roll call as the members arrived. At the call to
15 order 10 members were present. Mr. Alexander recorded that: Ms. Varela arrived at
16 1:42 p.m., Ms. Mascareñas arrived at 2:15 p.m., and Ms. Tse-Pe arrived at 2:20 p.m.
17

18 **b. Excused Absences**

19 Mr. Alexander recorded that the following members had excused absences: Dr.
20 Girardi, Ms. Majure, Mr. Viarrial, and Ms. Sanderson.
21

22 **c. Absences**

23 Mr. Alexander recorded that the following members were absent: Ms. Lucas and
24 Ms. Quintana.
25

26 **III. Welcome and Introductions**

27 Mr. Sayre welcomed the members and the public to the meeting. He asked for
28 introductions from the board members and all attending guests.
29

30
31 2nd Lieutenant Governor, Max Ortiz welcomed the NNMCAB members to the Ohkay
32 Owingeh and opened the meeting with a traditional prayer.

33 **IV. Approval of Agenda**

34 The board reviewed the agenda for the November 19, 2014 meeting.
35

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

39 **V. Approval of Minutes**

40 The Board reviewed the minutes from the September 24, 2014 meeting. By ongoing
41 instruction from DOE Headquarters, the minutes were previously reviewed and certified by
42 the NNMCAB Chair.
43

44 Mr. Sayre opened the floor for comments from the Board; with no comments from the
45 Board, Mr. Sayre asked for a motion.
46

1 Mr. Pacheco made a motion to approve the minutes as presented; Mr. Mayfield seconded
2 the motion. The motion to approve the minutes as presented was unanimously passed.

3
4 **VI. Old Business**

5 **a. Written Reports**

6 Mr. Sayre opened the floor for comments on the written reports. He noted that the
7 Executive Director's report contained important dates for the upcoming meetings and
8 NNMCAB activities. Mr. Sayre advised the members that the next Combined Committee
9 meeting would be January 14, 2015 at the NNMCAB office and the next Board Meeting
10 would be January 28, 2015 at the Cities of Gold Conference Center.

11
12 With no comments on the written reports Mr. Sayre moved on to the next agenda
13 item.

14
15 **b. Other Items**

16 Mr. Mayfield asked if there had been discussion of having the combined committee
17 meetings and the board meetings on the same day of the month, one in the morning
18 and one in the afternoon.

19
20 Mr. Pacheco responded that there had been discussion regarding that during an
21 Executive Committee meeting; however, it had been noted that it would make too long
22 of a day for members to be away from work and their normal schedules.

23
24 **VII. New Business**

25 **a. Consideration and Action on FY'15 Committee Work Plans**

26 **1. Environmental Monitoring and Remediation (EM&R)**

27 Mr. Schmelling, the EM&R Chair, went over the work plan for the members of
28 the board and asked if there were any questions or comments from the board.

29
30 Mr. Valdez noted that on item 5b. the fiscal year should be corrected to FY'15.

31
32 Mr. Puglisi noted that he would like to add "and State Surface Water Quality
33 Standards" to the end of item 3a.

34
35 With no additional comments Mr. Sayre asked for a motion from the board.

36
37 Mr. Martinez made a motion to accept the EM&R work plan with the proposed
38 changes; Mr. Mayfield seconded the motion. The motion to approve the EM&R
39 work plan, as amended passed.

1 **Waste Management (WM)**

2 Mr. Pacheco, the WM Chair, went over the work plan for the members of the
3 board and asked if there were any questions or comments from the board.

4
5 With no additional comments Mr. Sayre asked for a motion from the board.

6
7 Mr. Pacheco made a motion to approve the WM work plan as presented; Mr.
8 Mayfield seconded the motion. The motion to approve the WM work plan as
9 presented passed.

10
11 **b. Other Items**

12 With no additional new business to discuss Mr. Sayre moved on to the next agenda
13 item.

14
15 **VIII. Update from Deputy Designated Federal Officer**

16 Mr. Bishop noted that Mr. Stroble would be providing an update to the board on the
17 situation at the Waste Isolation Pilot Plant (WIPP). Mr. Bishop noted that this was the last
18 official meeting of the board for calendar year 2014. He noted that there was a possibility of
19 a special meeting in December.

20 Mr. Bishop stated that the only open recommendation left for this year was
21 recommendation 2014-02; he noted that the department had accepted the
22 recommendation and was in the process of drafting an interim response. Additionally, he
23 noted that a complete response would be drafted after the submittal of the Accident
24 Investigation Boards official report.

25
26 Mr. Schmelling asked for an update on where LANL was in its understanding of what had
27 caused the drum to rupture.

28
29 Mr. Bishop noted that he would prefer to defer that question to Mr. Erickson the liaison
30 from LANL who would be arriving at the meeting later this afternoon.

31
32 Mr. Sayre asked Ms. Jacquez-Ortiz if she could update the board on the status of the
33 federal budget.

34
35 Ms. Jacquez-Ortiz stated that the Continuing Resolution (CR) for FY'15 was only good
36 until December 11, 2014. She noted that the Senator's Office would like to see an Omnibus
37 Bill passed, which is a series of bills that have details on funding areas. Ms. Jacquez-Ortiz
38 noted that if an Omnibus or new CR is not passed there was a possibility of going into a
39 government shut down after the current CR expires on December 11, 2014. Additionally,
40 Ms. Jacquez-Ortiz noted that in the current CR there was \$113 million for WIPP recovery;
41 however, that would expire on December 11, 2014 also.

1 Mr. Puglisi noted what he was hearing was if we have a CR, that WIPP would be unlikely
2 to reopen on time.

3
4 Mr. Stroble responded that it would slow down the reopening; however, with the base
5 funding they can work a large portion of the recovery plan. He noted that the additional
6 funding would be needed for the upgrades to the ventilation system.

7
8 **IX. Presentation on WIPP**

9 **a. Waste Isolation Pilot Plant Recovery Update**

10 Mr. J.R. Stroble, DOE Carlsbad Field Office gave a presentation entitled "Waste
11 Isolation Pilot Plant Recovery Update." An electronic copy of the presentation may be
12 obtained from the NNMCAB website; [http://www.nnmcab.energy.gov/7-](http://www.nnmcab.energy.gov/7-presentations/presentations.htm)
13 [presentations/presentations.htm](http://www.nnmcab.energy.gov/7-presentations/presentations.htm). Video of the presentation is also available on the
14 NNMCABs YouTube Channel (NNMCAB).

15
16 **b. Questions**

17 Mr. Sayre asked about the status of Project Reach.

18
19 Mr. Stroble responded that the system is on site in an above ground facility and pieces
20 are being transported underground. He noted that the projected start time is January 5,
21 2015.

22
23 Mr. Martinez asked if the workers underground need to be suited up.

24
25 Mr. Stroble stated that in the green areas suits are not required. Additionally, he
26 noted that there are suit stations and respirators outside the areas that require Personal
27 Protective Equipment to be worn.

28
29 Mr. Martinez asked what area the interim ventilation would cover and what area the
30 supplemental ventilation would cover.

31
32 Mr. Stroble responded that the interim ventilation system would be High Efficiency
33 Particulate Air (HEPA) filter banks on skids and tapped into the main ducts to provide
34 additional air flow. He noted that the interim system should bring air flow up to 115
35 thousand cubic feet per minute. Mr. Stroble noted that the supplemental ventilation
36 system would be fans that are installed down in the mine to bring in new sources of
37 fresh air.

38
39 Mr. Martinez asked why the mine was using diesel equipment rather than electrical
40 and if an evaluation of the current system had been done.

1 Mr. Stroble responded that both types of equipment are available in the mining
2 industry and WIPP uses both types. He noted that each piece is evaluated on a case by
3 case basis, stating that diesel equipment often times provides greater power from a
4 smaller source. Additionally, he noted that electrical equipment would require
5 additional sources of power down in the mine.
6

7 Mr. Puglisi asked if there was still contamination being released from the source drum
8 in panel seven.
9

10 Mr. Stroble noted that it was assumed that it was still releasing some contamination;
11 however, there is not a monitor on the drum due to its location in the panel.
12

13 Mr. Valdez asked about the possibility of a new exhaust shaft being drilled for the
14 mine.
15

16 Mr. Stroble responded that yes there is a plan for a new exhaust shaft; he noted that
17 it is a capital line item project that is planned for a couple of years from now.
18 Additionally, he stated that it is part of a plan that has not yet been submitted for
19 approval.
20

21 Mr. Schmelling asked if any consideration had been given to what would happen in
22 the event of another drum rupture.
23

24 Mr. Stroble responded that a number of possible solutions have been considered:
25 localized HEPA filter skids and remote operated bulk heads. He noted that he thought
26 the remote bulk heads would be the solution that would be worked into the design.
27

28 Mr. Mayfield asked if there were any LANL drums in panel 6
29

30 Mr. Stroble responded that yes there are LANL drums in panel 6; however, at this time
31 there is no plan to video them using the Reach system. He noted that the plan is to seal
32 the panel.
33

34 Mr. Martinez asked what the status was of the above ground storage space.
35

36 Mr. Stroble stated that it is close to capacity, noting that the above ground storage at
37 WIPP was intended to temporarily store waste while it was readied for underground
38 storage. Mr. Stroble noted that the capacity was about a weeks' worth of contact
39 handled or remote handled waste.
40

41 Mr. Pacheco asked how many panels had been sealed at WIPP.

1 Mr. Stroble responded that there is waste in panels 1 through 6 and they have all
2 been sealed off from the ventilation circuit. He stated that some of the panels are in the
3 process of having the long term closure system installed.
4

5 Mr. Pacheco asked who certifies the closure of a panel.
6

7 Mr. Stroble responded that NMED certifies the completeness of the hazardous waste
8 management unit, which is done as the panels are filled. He noted that the
9 Environmental Protection Agency is responsible for approving the method of closure; he
10 noted that is the part that has not been completed on some of the panels.
11

12 Mr. Sayre asked if the amount of rain fall this year has caused any problems.
13

14 Mr. Stroble noted that for the surface facility it had not been a problem. Additionally,
15 he stated that there is a shaft that collects some water and that a sump is used to pump
16 the water out of that area.
17

18 Ms. Friday asked if WIPP was on a short leash with the public after the incident that
19 occurred.
20

21 Mr. Stroble responded that the Accident Investigation Board is still in the process of
22 determining what occurred. He also noted that LANL has conducted a number of
23 experiments in an attempt to recreate the event that occurred and has not been able to
24 replicate it. Mr. Stroble stated that WIPP has begun working on some corrective actions;
25 however until the investigation is wrapped up we won't know enough to move forward
26 in a meaningful way.
27

28 Mr. Puglisi asked if the waste in the drum was ever physically analyzed or if acceptable
29 knowledge had been used.
30

31 Mr. Bishop responded that the nitrate salt waste was from the evaporator bottoms at
32 TA-55. He noted there was analytical data associated with each batch run at TA-55 and
33 that as the waste was generated that data was submitted with it.
34

35 **X. Retirement Certificate Presentation**

36 Mr. Maggiore, Mr. Bishop, and Mr. Sayre presented Ms. Christina Houston the Alternate
37 Deputy Designated Federal Officer with a certificate of appreciation for her years of service.
38 Ms. Houston has been a DOE employee for 37 years and is retiring January 2015.
39

1 **XI. Update from Liaisons**

2 **a. Update from New Mexico Environment Department**

3 Secretary Ryan Flynn from NMED noted that it is very important to look at how we
4 move forward after the WIPP/LANL incidents. Secretary Flynn noted that from the
5 State's perspective, they stand strongly behind LANL and believe in its mission. He noted
6 that it is the State's role to regulate the facility and make sure that it is following all the
7 rules and regulations. He stated that it was important to keep sight of what could have
8 occurred at WIPP, noting that the time, date, and place were advantageous to
9 minimizing the impact of the release incident. Additionally, noting that if the incident
10 had occurred during a morning shift the impact could have been much greater.
11 Secretary Flynn noted that it was advantageous that there had not been any structural
12 damage to the facility from the two incidents. He encouraged everyone to keep sight of
13 what did not occur at the facility as we move forward.

14 Secretary Flynn noted that the challenge is going to be restoring public confidence. He
15 stated that where we need to start is implementing meaningful corrective action.
16 Secretary Flynn noted that to do that, we need to understand the root cause of the
17 incident. He noted that DOE has many different teams working to determine the cause
18 of the release. Secretary Flynn noted that we need to not only look at LANL but also
19 complex wide to make sure that the same problems that occurred at LANL are not
20 occurring complex wide. Additionally, stating that we need to identify where the
21 communication breakdowns occurred and develop strategies to ensure that we don't
22 have additional communication breakdowns. Secretary Flynn stated that we need to
23 understand why advice from the waste team at WIPP, regarding the proper remediation
24 of nitrate salt drums was not followed by LANL.

25 Secretary Flynn stated that the State is focused on moving forward as efficiently as
26 possible; however, it is important to make sure that it is accomplished correctly not just
27 quickly. He noted that an important issue moving forward will be improving
28 communication complex wide, including: DOE, States, and Sites. Secretary Flynn stated
29 that he thought there were approximately 20 different entities that have some type of
30 oversight or regulatory authority at WIPP. He noted that WIPP is approved to take waste
31 from locations across the DOE complex, and when states fight against each other for
32 funding it is to the detriment of everyone.

33 Secretary Flynn noted that it was found that the Mine Safety and Health
34 Administration (MSHA) had not performed an inspection since 2008. He noted that
35 MSHA is required to do a quarterly inspection of the facility, noting that MSHA's
36 reasoning behind this was they didn't believe that WIPP was a mine. He noted that this
37 did not come to light until after the 2014 incident that occurred at WIPP.

38 Secretary Flynn stated that regarding funding, he had a problem with funding for the
39 WIPP recovery being taken from the LANL environmental clean-up budget. He noted
40 that punishes the State and the ability to restore the lands for the public. Additionally,
41 he noted that it punishes the workers that are responsible for completing the

1 environmental clean-up work at LANL. Secretary Flynn noted that it is extremely
2 important to him that funds not be diverted from the clean-up efforts. Secretary Flynn
3 also noted that States need to work together on funding priorities. He noted an example
4 where the Washington State Congressional delegation had blocked an initial attempt to
5 transfer additional funding to LANL. Secretary Flynn noted that this had really bothered
6 him, as Hanford cleanup gets over \$2 billion for clean-up and \$20-\$30 million is not
7 going to have a huge impact on its clean-up.

8 Secretary Flynn noted that LANL had self-disclosed a number of regulatory violations
9 and that NMED would take the appropriate regulatory actions. He noted that he was
10 not in a position today to say what that would be or when it would occur; however, he
11 stated that it would be in the near future. Secretary Flynn noted that it would be
12 meaningful corrective actions that would protect the public and keep the events from
13 occurring again.

14
15 Mr. Schmelling asked about the possibility of fines being levied and if there was a
16 possibility of using that money to advance the clean-up.

17
18 Secretary Flynn responded that is exactly how he felt it should be. He noted that
19 hypothetically NMED would work to ensure that any penalties levied did not affect the
20 clean-up at LANL. Additionally, he noted that there are strategies that can be
21 implemented to accomplish that, an example of that is abatement of portions of the
22 fines for completing portions of the corrective actions.

23
24 Mr. Valdez asked where we are on the possibility of new CO time frames.

25
26 Secretary Flynn stated that the CO needed to be adjusted; however, no changes have
27 been made or discussed. He noted that any changes would be to the schedule in the CO
28 not the scope of the CO.

29
30 Mr. Valdez asked why not close panel 6, what can we possibly learn from leaving it
31 open.

32
33 Secretary Flynn responded that it needs to be closed, noting that the NMED order
34 stated that it needed to be closed. He noted that he would like to see it closed by the
35 end of 2014, and he is frustrated with the slow process in getting the panel closed.

36
37 Mr. Valdez asked how NMED feels about the WIPP Recovery Plan.

38
39 Secretary Flynn stated that it is better to have a plan than it is to just react. He noted
40 that the plan would likely have to evolve as we move forward and additional
41 information becomes available.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41

b. Update from Department of Energy

Mr. Maggiore welcomed Mr. Randy Erickson as a liaison to the board. Mr. Maggiore noted that the CR is in effect until December 11, 2014. He noted that it is likely that either an Omnibus appropriation or a new CR would be passed. Mr. Maggiore stated that the House mark for LANL clean-up is at \$180 million and the Senate mark is at \$225 million.

Mr. Maggiore noted that the FY'15 Work Plan would likely be discussed with NMED on November 20, 2014. He noted that the delay in the meeting had been due to the uncertainty in the FY'15 budget. He noted that the focus for projects would likely be: chromium, groundwater protection, surface water protection, work on the federal EPA permit, and completion of the nitrate salt remediation.

Mr. Maggiore stated that on October 21, 2014 that LANL had reported additional instances of non-compliance under RCRA. He noted that they were reported as potential violations in three areas: failure to conduct an adequate hazardous waste determination, failure to meet management and placing waste, and failed in transportation and packaging of waste.

Mr. Maggiore stated that DOE is working on a new Memorandum of Understanding (MOU) with the Buckman Direct Diversion Board. He noted that the original MOU was good for 5 years, stating that under that MOU DOE had not learned everything that it had hoped to learn. He stated that the new MOU would continue operation of the early notification system.

Mr. Maggiore stated that the transition plan for the shift from NNSA to EM had been delivered to the Secretary of Energy. Additionally, he noted that as soon as he was able to release information on the transition, he would welcome the opportunity to share it with the NNM CAB.

c. Update from Los Alamos National Laboratory

Mr. Erickson from LANL submitted an update to the NNM CAB entitled, "Associate Directorate for Environmental Programs Update for November 19, 2014." An electronic copy of the information may be obtained from the NNM CAB website; <http://www.nnmcab.energy.gov/7-presentations/presentations.htm>.

Mr. Sayre asked for an update on the chromium remediation in March or April 2015.

Mr. Erickson noted that he would be happy to provide that update.

Mr. Mayfield asked where the RDX contamination is located.

Mr. Erickson noted that the contamination is located in TA-16.

1 Mr. Mayfield asked if there was a list of areas that have groundwater/surface water
2 contamination and if it could be provided to the NNMCAB.

3
4 Mr. Erickson responded that he could possibly provide that information to the
5 NNMCAB in the form of a presentation or brief.

6
7 Mr. Valerio asked what the temperatures were expected to be reached in the freezers
8 that were being installed to deal with the nitrate salt remediation.

9
10 Mr. Erickson responded that the drum would be chilled to -10^oc, and then workers
11 would be allowed to work with the drum until it reaches to 10^oc.

12
13 Mr. Puglisi asked if the NNMCAB could be provided with information on what, if
14 anything from LANL has affected the surface water quality at the Rio Grande.

15
16 Mr. Erickson responded that LANL does have monitoring data for that, and that the
17 information could be provided in the form of LANL's surface water reports.

18
19 Ms. Tse-Pe asked for information on the vapor plume and the associated hazard.

20
21 Mr. Erickson responded that the vapor plume is monitored very carefully, and that
22 LANL is currently looking at a vapor extraction process. Additionally, he noted that at
23 this point there is no risk of offsite migration.

24
25 **XII. Public Comment Period**

26 Mr. Sayre opened the public comment period at 4:44 p.m. He welcomed Mr. Scott
27 Kovac from Nuke Watch New Mexico to the floor.

28
29 Mr. Kovac thanked the board for the opportunity to provide public comment. He noted
30 that he appreciated Secretary Flynn's comments. Mr. Kovac noted that RDX and MDA L
31 clean-up are Consent Order (CO) items, he noted that he appreciated the fact that there is
32 other work going on at LANL on the CO items. Mr. Kovac noted that NWNM wants to push
33 for continued funding for CO items at LANL. He noted that we can't let the clean-up stop
34 because someone made mistakes. Mr. Kovac noted that we still need to conduct the
35 investigations and complete monitoring wells to gather the information necessary to
36 complete the clean-up. Additionally, he noted that these efforts can't suffer because of the
37 WIPP recovery or TRU waste program.

38
39 With no additional public comment Mr. Sayre closed the public comment at 4:46 pm.

1 **XIII. Wrap-up Comments from NNM CAB Members**

2 Mr. Sayre opened the floor for comments from the members. He asked that the
3 members address whether all their questions on presentations were answered and if they
4 had any requests for future presentations.

5
6 Ms. Mascareñas, Ms. Varela, and Ms. Martinez thanked everyone for the informational
7 presentations and noted that they were still new to the NNM CAB process.

8
9 Mr. Martinez thanked the public for coming out to attend the meeting, he also noted
10 that the presentations had been informational and the staff as always had been awesome.

11
12 Mr. Valerio, Mr. Mayfield, Ms. Tse-Pe, Mr. Pacheco, and Mr. Schmelling thanked
13 everyone for the great meeting, information, and presentations.

14
15 Mr. Tiano thanked Secretary Flynn for the information. He noted that it was good to
16 know that the NNM CAB and NMED were on the same track. Mr. Tiano stated that he was
17 glad to know that it was not the NMED that was holding up progress.

18
19 Mr. Valdez wished Ms. Houston good luck in her future endeavors. He also thanked
20 everyone for attending and providing the information to the NNM CAB.

21
22 Ms. Schreiber thanked everyone for the opportunity to participate on the NNM CAB as
23 student member. Additionally, she thanked the presenters for providing the information.

24
25 Mr. Sayre stated that it had been a great meeting and the staff had done an excellent
26 job. Mr. Sayre also thanked Ms. Houston for her service and invited her to come back and
27 see the NNM CAB. Additionally, he thanked the members of the public for attending the
28 meeting.

29
30 **XIV. Adjournment**

31 With no additional business to discuss, Mr. Bishop thanked the public and members for
32 attending and adjourned the meeting at 5:31 p.m.

33 **Respectfully Submitted,**



34 **Doug Sayre, Chair, NNM CAB**

35 ***Minutes prepared by William Alexander, Technical Programs and Outreach, NNM CAB**

1 **Attachments**

- 2 1. Final NNM CAB Meeting Agenda for 11/19/2014
- 3 2. Final NNM CAB Meeting Minutes for 09/24/2014
- 4 3. Report from Menice Santistevan, Executive Director
- 5 4. Draft EM&R FY'15 Committee Work Plan
- 6 5. Draft WM FY'15 Committee Work Plan
- 7 6. Presentation by J.R. Stroble, DOE CBFO, "Waste Isolation Pilot Plant Recovery Update"
- 8 7. Update from LANL, Environmental Programs, Randy Erickson

9

10 **Public Notice:**

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

14 ***Reference documents listed in the attachments section of these minutes may be requested for**
15 **review from the NNM CAB Office by calling (505)989-1662.**