

General



Northern New Mexico Citizens' Advisory Board
A U.S. Department of Energy Site-Specific Advisory Board
94 Cities of Gold Road, Santa Fe, NM 87506
Phone: 505.989.1662 or 1.800.218.5942
Fax: 505.989.1752 www.nnmcab.energy.gov

RECEIVED

NOV 14 2013

November 13, 2013

Dear Board, Student and Liaison Members,

NMED
Hazardous Waste Bureau

Enclosed is the information you will need for the November 20th meeting of the Northern New Mexico Citizens' Advisory Board. The meeting will be held at the Ohkay Conference Center in Espanola; directions are enclosed for your convenience. Please bring this packet with you to the meeting.

You will be electing committee officers for FY '14 and you will hear a presentation on National Resource Damage Assessment by Mike Gardipe, from the Los Alamos Site Office.

If you require an excused absence, you must request this in writing to Lee Bishop at: Lee.Bishop@nnsa.doe.gov

Please allow plenty of time to get to Espanola before 1:00 p.m. Chairman Valdez requests that members arrive early, so that a quorum may be established promptly.

If you have any questions or require additional information, please do not hesitate to contact me. I look forward to seeing you all on Nov. 20th.

Kindest Regards,

Menice B. Santistevan
Executive Director

36061





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 8.0 mi
5. Take the NM-30 N ramp to Espanola 0.6 mi
6. Merge onto NM-30 8.3 mi
7. Turn right onto Santa Clara Bridge Rd 0.8 mi
8. Turn left onto S Riverside Dr/Sandia Dr
Continue to follow S Riverside Dr 3.1 mi
9. Continue onto NM-291 W/NM-68 N 0.3 mi
10. Turn right
Destination will be on the right 289 ft

Ohkay Resort
68 New Mexico 291
Ohkay Owingeh, NM 87566

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 42.1 mi
4. Turn left
Destination will be on the right 377 ft

Ohkay Resort
68 New Mexico 291
Ohkay Owingeh, NM 87566

Santa Fe, NM

1. Head east on E San Francisco St toward Cathedral Pl 289 ft
2. Turn left onto Cathedral Pl 246 ft
3. Turn left onto E Palace Ave 331 ft
4. Take the 1st right onto Washington Ave 0.3 mi
5. Turn left onto Paseo De Peralta 0.6 mi
6. Turn right onto N Guadalupe St 0.4 mi
7. Take the ramp onto US-285 N/US-84 W/
Hwy 84 W/N St Francis Dr
Continue to follow US-285 N/US-84 W/Hwy 84 W 23.4 mi
8. Continue onto NM-68 N/S Riverside Dr
Continue to follow NM-68 N 3.2 mi
9. Turn right
Destination will be on the right 289 ft

Ohkay Resort
68 New Mexico 291
Ohkay Owingeh, NM 87566

**Northern New Mexico Citizens' Advisory Board Meeting
November 20, 2013
1:00 p.m. to 7:00 p.m.
Ohkay Conference Center
San Juan Pueblo, New Mexico 87566**

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 Sept. 10 th , 2013	
	Approval of Minutes of Sept. 25 th , 2013	
1:15 p.m.	Public Comment Period	
1:30 p.m.	Old Business	
	a. Written Reports – See Packet Enclosures (5 minutes)	
	b. Other items	
1:45 p.m.	New Business	
	a. Election of Committee Officers	
	b. Report from Ad Hoc Committee on Annual Board Evaluation	
	c. Report on EM-SSAB Chairs' Meeting (Portsmouth, Ohio)	Carlos and Doug
	d. Comments from Members on WIPP/WCS Tour	
	e. Unveiling of New NNM CAB Logo	Lee Bishop/Paul Torres
	f. Other items	
2:30 p.m.	Break	
2:45 p.m.	Overview of Natural Resource Damage Assessment (NRDA)	Mike Gardipe
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
4:45 p.m.	Upcoming Hearings and Permits	ESH&O Staff
5:00 p.m.	Dinner Break	
6:00 p.m.	Public Comment Period	Carlos Valdez
6:15 p.m.	Items from Deputy Designated Federal Officer	Lee Bishop
	a. Report on NNM CAB Recommendations and DOE Responses	
	b. Other items	
6:45 p.m.	Wrap-up and Comments from Board Members	Carlos Valdez
7:00 p.m.	Adjourn	



Northern New Mexico Citizens' Advisory Board Meeting
September 10, 2013
2:00 p.m. to 4:00 p.m.
Cities of Gold Conference Center
Pojoaque, New Mexico

MINUTES

Meeting Attendees

U.S. Department of Energy

1. Cate Alexander, Designated Federal Officer (DFO)
 2. Lee Bishop, Deputy Designated Federal Officer (DDFO)
 3. Pete Maggiore, Assistant Manager Environmental Project Office
 4. Christina Houston, Environmental Projects Office
 5. David Rhodes, Environmental Projects Office
 6. Toni Chiri, Los Alamos Field Office
 7. Jennifer Jung, Los Alamos Field Office
 8. Cheryl Rodriguez, Environmental Projects Office
-

NNMCAB Members

1. Carlos Valdez, NNMCAB Chair
 2. Manuel Pacheco, NNMCAB Vice-Chair
 3. Doug Sayre, Environmental Monitoring & Remediation Committee Chair
 4. Joey Tiano, Waste Management Committee Chair
 5. Joseph Viarrial, Environmental Monitoring & Remediation Committee Vice-Chair
 6. Bonnie Lucas
 7. Stephen Schmelling
 8. Ashley Sanderson
 9. Nona Girardi
 10. Angel Quintana
 11. Gerard Martinez
 12. Allison Majure
 13. Bob Villarreal
-

NNMCAB Student Members

1. Jerry Trujillo

- 1 2. Kaitlin Martinez
- 2 3. Gary Johnson

3
4 **NNMCAB Support Staff**

- 5 Menice Santistevan, Executive Director
 - 6 William Alexander, Technical Programs and Outreach
 - 7 Carolyn Bateman, Project Time & Cost
-

8
9 **Guests**

- 10 Secretary Ryan Flynn, New Mexico Environment Department
- 11 Tom Blaine, New Mexico Environment Department
- 12 Jeff Kendall, New Mexico Environment Department
- 13 Laura Day, PT&C
- 14 Jeff Mousseau, Los Alamos National Laboratory
- 15 Patti Jones, Los Alamos National Laboratory
- 16 Cecilia Frank, New Mexico Environment Department / Department of Energy Oversight Bureau
- 17 Kathy Walker, Public
- 18 Scott Kovac, Nuclear Watch New Mexico
- 19 Steve Yanicek, New Mexico Environment Department / Department of Energy Oversight Bureau
- 20 Tori George, Los Alamos National Laboratory
- 21 Kathryn Roberts, Los Alamos National Laboratory
- 22 Mayor David Coss, City of Santa Fe
- 23 Alicia Martinez, Public
- 24 Bridget Maestas, Public
- 25 Kim Granzon, New Mexico Environment Department/Department of Energy Oversight Bureau
- 26 Patrick Longmire, New Mexico Environment Department/ Department of Energy Oversight Bureau

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

30

1 **Minutes**

2 **I. Call to Order**

3 The monthly meeting of the Northern New Mexico Citizens' Advisory Board (NNMCAB)
4 Waste Management (WM), and Environmental Monitoring & Remediation (EM&R)
5 committees was held on September 10, 2013 at Cities of Gold in Pojoaque, New Mexico. Mr.
6 Lee Bishop the Deputy Designated Federal Officer (DDFO) stated that on behalf of the
7 Department of Energy (DOE) the combined meeting of the NNMCAB committees was called
8 to order at 2:03 p.m.

9 Mr. Bishop recognized Mr. Carlos Valdez the NNMCAB Chair. The Chair presided at the
10 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 (FACA).

13
14 **II. Approval of Agenda**

15 The Combined Committee (CC) reviewed the agenda for the September 10, 2013
16 meeting. Mr. Doug Sayre made a motion to approve the agenda as presented; Mr. Joey
17 Tiano seconded the motion. The agenda for the September 10, 2013 meeting was
18 unanimously approved.

19
20 **III. Approval of Minutes**

21 The CC reviewed the minutes for the August 14, 2013 meeting. Mr. Manuel Pacheco
22 made a motion to approve the minutes as presented; Mr. Sayre seconded the motion. The
23 motion to approve the minutes as presented passed.

24
25 **IV. Presentations**

26 **a. NMED's Perspective on the Order on Consent.**

27 New Mexico Environment Department (NMED) Secretary Ryan Flynn gave a
28 presentation to the NNMCAB on the NMED's perspective regarding the 2005 Order on
29 Consent (CO). Secretary Flynn introduced his new General Counsel Jeff Kendall who
30 would be playing an integral role moving forward on the CO and Los Alamos clean-up
31 efforts and Tom Blaine the Division Director for the Environmental Health Division at
32 NMED. Secretary Flynn noted that the Hazardous Waste Bureau (HWB) had been moved
33 from Resource Protection Division (RPD) to a new Division, noting that the decision was
34 based on the confidence that he has in Mr. Blaine.

35
36 Secretary Flynn addressed the Framework Agreement (FA), stating that the parties
37 concerned had tried to set an ambitious but reasonable goal regarding the 3706
38 Campaign. He noted the project is not completed; however, he is very pleased with the
39 results. Noting that in 2012 Los Alamos National Laboratory (LANL) set a record for
40 transuranic (TRU) waste shipments from LANL to the Waste Isolation Pilot Plant (WIPP)
41 at 230 shipments, 59 more shipments than the previous record. Secretary Flynn also
42 noted that LANL is processing waste in 4 facilities 24/7. He stated that in the past year

1 and a half there has been more meaningful environmental clean-up at LANL than in the
2 past 6 years under the CO. Stating that demonstrating that we can clean-up these sites
3 is the goal.
4

5 Secretary Flynn stated that the agreed upon date for all of the clean-up at LANL to be
6 completed was the end of 2015. He noted that this was a mistake, stating that the date
7 was set forth by DOE and agreed upon by NMED. Noting that NMED felt the date was
8 unrealistic from the beginning; however, he understood why the date had been agreed
9 upon. Secretary Flynn noted that in hindsight agreeing to set a date that was not
10 achievable was a mistake, and when we fail to meet the expectations, public confidence
11 is eroded. Noting that he regretted that in 2012 we were in a position where DOE had to
12 announce that it would not meet the 2015 deadline in the CO; however, he applauded
13 DOE for its honesty in coming forward to the public.

14 Secretary Flynn stated his focus going forward was on cleaning-up, focusing on short
15 term goals and having the date work itself out as clean-up progresses; noting that he
16 feels confident in the FA and the progress that has been made in waste clean-up at
17 LANL. Secretary Flynn stated that he is impressed by the DOE's commitment in the
18 clean-up efforts. Other priorities that were set forth in the FA were the removal of all
19 newly generated TRU waste by December 31, 2014. The second priority in the FA was
20 addressing the chromium plume; Secretary Flynn noted that the amount of work on the
21 plume issue, with two extraction wells in place and pilot tests in progress is outstanding.
22 The third priority is to monitor the Buckman Direct Diversion Project, noting that he is
23 confident in the infrastructure in place to monitor and protect the well field.
24

25 Secretary Flynn addressed the issue of funding, and his concerns with the Continuing
26 Resolutions that have impacted LANL. Secretary Flynn noted the unprecedented
27 outcome of the reprogramming of funds in FY'13, and its impact on the 3706 Campaign.
28 He noted that the FY'14 proposed budget ranges from \$173 million to \$255 million,
29 stating that in comparison to the other sites, the LANL budget is minuscule. Secretary
30 Flynn encouraged the citizens and the NNMCAB continue to voice support for funding
31 LANL at an appropriate level.
32

33 Secretary Flynn stated that at this point it is premature to engage in discussions
34 concerning the renegotiation of the CO. He also stated that LANL's performance under
35 the FA would play a role in how and when negotiations on the CO would take place.
36 Secretary Flynn noted that if and when the CO is renegotiated the public would have a
37 role in that renegotiation. Secretary Flynn stated that if the CO were to be changed he
38 would like to see it focus on small, clearly defined goals and objectives that focus on a
39 risk based approach to the clean-up. He feels that this would allow LANL to show
40 progress and focus on short term campaigns, which would allow the public and
41 regulators to see that progress.
42

1 **b. Questions**

2 Mr. Valdez stated that due to the CR LANL was likely to start FY'14 with a budget of
3 \$170 million.

4
5 Mr. Bob Villarreal asked how an acceptable end point would be determined for the
6 chromium plume.

7
8 Secretary Flynn responded that groundwater contamination is a long term endeavor,
9 and in respect to the chromium the goals are: containment, elimination of the source,
10 and remediation to groundwater standards.

11
12 Mr. Blaine responded that a number of processes would need to be completed, the
13 first of which is site characterization. He noted that a critical element was containment
14 of the source of the contamination. Mr. Blaine also noted that aquifer pump tests and
15 how it affects the contamination would need to be completed before a remedy could be
16 selected.

17
18 Mr. Villarreal asked about the reduction of chromium 6 to chromium 3 and if it would
19 be beneficial.

20
21 Mr. Blaine responded that chromium 6 is a problem in regards to its presence in the
22 aquifer. He noted that if there was a way to easily change the chromium 6 to chromium
23 3 that would be the safest thing to do; however we don't know how to do that until we
24 have the site fully characterized.

25
26 Mr. Villarreal asked about cooperation between sites.

27
28 Mr. Jeff Mousseau stated that LANL does work to gain knowledge about what other
29 sites are doing and how they are dealing with similar problems.

30
31 Mr. Valdez asked Secretary Flynn if a representative from NMED could be present at
32 the Taos meeting to present on the chromium plume.

33
34 Secretary Flynn agreed to have a member of his staff at the Taos meeting for a
35 presentation.

36
37 Mr. Stephen Schmelling asked about the WIPP permit modification that is on the
38 table, and what the schedule on that modification would be.

39
40 Secretary Flynn responded that schedule would depend on what changes are being
41 made to the document, and noted that once the process started it would likely take
42 around 9 months to complete. Secretary Flynn stated that a public notice would be

1 issued once the process started; however, at this time he was unsure when the process
2 would begin.

3
4 Ms. Allison Majure asked how containment is measured, and in regards to the
5 chromium plume, what containment means.

6
7 Secretary Flynn responded that containment would be stabilizing the plume and
8 halting its movement.

9
10 Mr. Patrick Longmire responded that at Los Alamos the depth to groundwater is 1000
11 feet, making physical/chemical means of containment difficult. He also noted that
12 without nature and extent it is difficult to decide on a containment method.

13
14 Ms. Bonnie Lucas asked about the mercury storage facility proposed for Andrews,
15 Texas.

16
17 Secretary Flynn responded that he was generally familiar with the topic but did not
18 have a great depth of knowledge on the subject. He noted that he would be happy to
19 provide the information to the board.

20
21 Mr. Bishop stated that it was still in the NEPA process, and at this time the
22 Supplemental Environmental Impact Statement (SEIS) was still under review. Mr. Bishop
23 noted that only after the SEIS was finalized, and a Record of Decision (ROD) issued
24 would the facility seek permitting for the site. He advised the board that the SEIS might
25 be finalized by the end of September 2013.

26
27 Mr. Villarreal asked Secretary Flynn for his opinion on the 33 Shafts.

28
29 Secretary Flynn responded that he thought the 33 Shafts were currently undergoing
30 the NEPA process, and once the process was complete the results would be evaluated.
31 He stated that at this point he did not have any specific path forward.

32
33 **c. Presentation by Designated Federal Officer on Appointment Processes**

34 Ms. Cate Alexander gave a presentation to the CC on "Department of Energy's
35 Environmental Management Site Specific Advisory Board (SSAB) Member Appointment
36 Process". A copy of the presentation may be requested by contacting the NNM CAB
37 office at (505)989-1662, or on the NNM CAB website at
38 <http://www.nnmcab.energy.gov/7-presentations/presentations.htm>.

39
40 **d. Questions**

41 Mr. Villarreal asked about two SSAB's working together to solve problems at other
42 sites.

1
2 Ms. Alexander responded that on cross site involvement, the issue should be
3 presented at the Chairs' meeting, an example of which would be budget issues. She
4 noted that in general, sites work independently with respect to their sites and issues at
5 those sites.

6
7 Ms. Majure asked about the composition of the boards in regards to levels of
8 education represented on the board.

9
10 Ms. Alexander stated that individuals are not appointed because of their education,
11 but rather the category that they represent such as their location. Individuals are
12 appointed because they bring a perspective that is being looked for in the community.

13
14 Mr. Bishop stated that by virtue of their involvement in the community the individuals
15 represented on the board are subject matter experts, regarding their knowledge and
16 understanding of their communities and Northern New Mexico.

17
18 **V. Public Comment Period**

19 Mr. Valdez opened the public comment period at 3:47 p.m.

20
21 Mr. Scott Kovac stated that if you know half the acronyms then that makes you an
22 expert. Mr. Kovac stated that the CO was a well written plan to make a plan. He noted that
23 each area of LANL had different required steps, with work plans and investigation plans for
24 each area. He stated that Congress saw a problem because they weren't seeing any work
25 done on clean-up only the planning that was designed to determine the scope of the clean-
26 up. Mr. Kovac stated that at the inception of the CO the amount of work needed to clean-up
27 LANL was unknown. He stated for the record that the 2015 end date set in the CO was not a
28 mistake, noting that we need to have a sense of urgency on the clean-up and not become
29 complacent.

30
31 With no additional public comment Mr. Valdez closed public comment at 3:51 p.m.

32
33 **VI. Update from Executive Committee**

34 Mr. Valdez stated that the Executive Committee was looking at appointing an ad hoc
35 committee to review the NNM CAB Bylaws. He noted that DOE Headquarters was looking at
36 reviewing the NNM CAB site Bylaws in the near future.

37 Mr. Valdez noted that at the next CC meeting in October the committees would be
38 electing officers for FY'14.

39 Mr. Valdez also advised the NNM CAB of the upcoming WIPP/Waste Control Specialists
40 tours in November, and the possibility of a new member tour of LANL at the end of October.

1 Mr. Valdez also thanked Dr. Nona Girardi for attending the Secretary Ernest Moniz press
2 conference at LANL, and bringing the information back to the NNM CAB.

3
4 **VII. Update From DOE**

5 Mr. Bishop stated that the EIS for the Greater than Class C would likely be published by
6 the end of 2013.

7 Mr. Bishop thanked the new student members for attending today's meeting and
8 welcomed them to the NNM CAB.

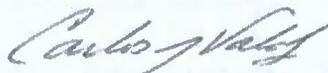
9 Mr. Bishop noted that the NNM CAB's fall schedule was relatively full with the upcoming
10 tours, meetings, and projects.

11
12 **VIII. Adjournment**

13 Mr. Valdez noted that the committees would be meeting separately after the
14 adjournment to work on drafting their FY'14 committee work plans.

15
16 With no further business to discuss, Mr. Bishop adjourned the meeting at 4:01 p.m.

17
18
19 **Respectfully Submitted,**



20 **Carlos Valdez, Chair, NNM CAB**

21
22 ***Minutes prepared by William Alexander, Technical Programs and Outreach, NNM CAB**

23
24 **Attachments**

- 25 1. Final NNM CAB Meeting Agenda for 09/10/2013
- 26 2. Final NNM CAB Meeting Minutes for 08/14/2013
- 27 3. Secretary Ryan C. Flynn's Biography
- 28 4. Designated Federal Officer Cate Alexander's Biography
- 29 5. Presentation by DOE Headquarters DOE's EM SSAB: Member Appointment Process, Cate
30 Alexander
- 31 6. Environmental Monitoring & Remediation Committee FY'13 Work Plan
- 32 7. Waste Management Committee FY'13 Work Plan

33
34 **Public Notice:**

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

38 ***Reference documents listed in the Attachments section of these minutes may be requested for**
39 **review from the NNM CAB Office by calling (504)989-1662.**



Northern New Mexico Citizens' Advisory Board Meeting
September 25, 2013
1:00 p.m. to 7:00 p.m.
Sagebrush Conference Center
Taos, New Mexico 87571

Minutes

Meeting Attendees

Department of Energy

Lee Bishop, Deputy Designated Federal Officer (DDFO)
George Basabilvazo, Carlsbad Field Office

NNMCAB Members

1. Carlos Valdez, NNMCAB Chair
 2. Manuel Pacheco, NNMCAB Vice-Chair
 3. Brenda Gallegos
 4. Joseph Viarrial
 5. Gerard Martinez
 6. Deb Shaw
 7. Allison Majure
 8. Joey Tiano
 9. Angel Quintana
 10. Bob Villarreal
 11. Doug Sayre
 12. Ashley Sanderson
 13. Alex Puglisi
 14. Stephen Schmelling
-

NNMCAB Student Member

1. Jerry Trujillo
-

Excused Absences

1. Bonnie Lucas
2. Nona Girardi
3. Mike Loya
4. Kaitlin Martinez

1 5. Deidre Roybal

2 6. Gary Johnson

3

4 **Absent**

5 1. Adrian Chavez Sr.

6 2. Lawrence Longacre

7

8 **NNMCAB Support Staff**

9 Menice Santistevan, Executive Director

10 Bridget Maestas, Administrative Assistant

11 William Alexander, Technical Programs and Outreach

12

13 **Guests**

14 Tom Skibitski, New Mexico Environment Department/Department of Energy Oversight Bureau

15 Steve Yanicek, New Mexico Environment Department/Department of Energy Oversight Bureau

16 Patrick Longmire, New Mexico Environment Department/Department of Energy Oversight Bureau

17 Steve Veenis, Los Alamos National Laboratory

18 Patti Jones, Los Alamos National Laboratory

19 Anthony Grieggs, Los Alamos National Laboratory

20 Juan Rios, Santa Fe County

21 Daniel Mayfield, Santa Fe County Commissioner

22 Erica Roybal, Public

23 John Roybal, Public

24 Norm Roulet, Public

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26 at the NNMCAB office, 94 Cities of Gold Road, Santa Fe, New Mexico, 87506. The written minutes are
27 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 September 25, 2013 at the Sagebrush Conference Center in Taos,
 5 New Mexico. Mr. Lee Bishop the Deputy Designated Federal Officer (DDFO) stated that on
 6 behalf of the Department of Energy (DOE) the meeting of the NNMCAB was called to order
 7 at 1:05 p.m.

8 Mr. Bishop 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).

12 **II. Establishment of a Quorum (11 needed)**

13 **a. Roll Call**

14 Mr. William Alexander conducted roll call as the members arrived. At the call to order
 15 11 members were present. The following members arrived after the call to order: Ms.
 16 Allison Majure arrived at 1:27 p.m., Mr. Alex Puglisi arrived at 1:35 p.m., and Ms. Angel
 17 Quintana arrived at 2:10 p.m.

18 **b. Excused Absences**

19 Mr. Alexander recorded that: Mr. Mike Loya, Dr. Nona Girardi, Ms. Bonnie Lucas, Ms.
 20 Kaitlin Martinez, Mr. Gary Johnson, and Ms. Deidre Roybal had excused absences for
 21 this meeting.

22 **c. Absences**

23 Mr. Alexander recorded that Mr. Adrian Chavez Sr., and Mr. Lawrence Longacre were
 24 absent.

25 **III. Welcome and Introductions**

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

28 **IV. Approval of Agenda**

29 The board reviewed the agenda for the September 25, 2013 NNMCAB meeting.

30 Mr. Doug Sayre made a motion to approve the agenda as presented; Dr. Deb Shaw
 31 seconded the motion. The motion to approve the agenda as presented was unanimously
 32 passed.

33 **V. Approval of Minutes**

34
35
36
37
38
39
40

1 The Board reviewed the minutes of the July 31, 2013 NNMCAB Meeting. By ongoing
 2 instruction from DOE Headquarters, the minutes were previously reviewed and certified by
 3 the NNMCAB Chair.

4 Mr. Valdez opened the floor for comments from the board. Mr. Gerard Martinez made a
 5 motion to approve the minutes as presented; Mr. Joey Tiano seconded the motion. The
 6 members voted all in favor, the motion to approve the minutes of the July 31, 2013 meeting
 7 as presented passed.

8
 9 **VI. Old Business**

10 **a. Written Reports**

11 Mr. Valdez asked if any members had questions or comments in regards to the
 12 reports. With no members wishing to comment Mr. Valdez moved on to other items.

13
 14 **b. Other Items**

15 Mr. Valdez noted that the September 10, 2013 Combined Committee (CC) meeting in
 16 Pojoaque had been a good meeting. He stated that New Mexico Environment
 17 Department (NMED) Secretary Ryan Flynn had given a good presentation on the
 18 Consent Order (CO), noting that the current relationship between NMED and DOE was
 19 good. Mr. Valdez also stated that the presentation on member appointments by Cate
 20 Alexander had been informative.

21 Mr. Valdez introduced the new NNMCAB staff member, Ms. Bridget Maestas, to the
 22 board.

23 Mr. Valdez advised the members that the NNMCAB was in the process of updating the
 24 bylaws. He noted that DOE Headquarters was looking at providing direction to the EM-
 25 SSAB's complex wide regarding bylaws; once direction was given the NNMCAB would
 26 move forward and the ad-hoc committee would update the bylaws.

27
 28 Mr. Bishop stated that the recording of Secretary Flynn's presentation had been used
 29 by DOE in a meeting for CO negotiation planning, and in a local meeting at Los Alamos
 30 National Laboratory (LANL). He noted that the presentation was a direct result of the
 31 NNMCAB's request for a presentation from Secretary Flynn, and congratulated the
 32 NNMCAB for helping to jump start the CO discussions.

33
 34 Ms. Menice Santistevan asked that the members who would be attending the Waste
 35 Isolation Pilot Plant (WIPP) and Waste Control Specialists (WCS) tour please sign up on
 36 the sheet that was being passed around. Ms. Santistevan also noted that the next
 37 NNMCAB CC meeting would be October 9, 2013 at the NNMCAB office and the next
 38 board meeting would be November 20, 2013 at the Ohkay Conference Center.

39
 40 **VII. Public Comment Period**

41 Mr. Valdez opened the floor for public comment at 1:15 p.m. Mr. Danny Mayfield
 42 introduced himself to the NNMCAB and noted that he was a member of the Regional

1 Coalition of LANL Communities (RCLC). Mr. Mayfield noted that the RCLC would be having a
2 meeting on the 4th of October and that the agenda for the meeting was discussion of a new
3 Executive Service for the RCLC.
4

5 With no additional public comment Mr. Valdez closed the public comment period at
6 1:20 p.m.

7
8 **VIII. New Business**

9 **a. Top Issues/ Accomplishments for Fall Chairs' Meeting**

10 Mr. Valdez stated that top issues that the NNMCAB Chair would be presenting at the
11 fall 2013 Chairs meeting in Ohio were: Framework Agreement and probable re-
12 negotiation of the Consent Order with the State, WIPP - concern that it is the proposed
13 answer to all waste streams, and Chromium Plume – most threat to the public and
14 environment. Mr. Valdez asked if any members would like other topics incorporated
15 into the current list. With no additional topics requested Mr. Valdez moved to the next
16 item on the agenda.
17

18 **b. Consideration and Action on FY'14 Committee Work Plans**

19 Mr. Valdez opened the floor for questions on the Draft Fiscal Year (FY) 14 Committee
20 Work Plans (WP).
21

22 Ms. Santistevan noted that if the Board approved the WPs today they would go to the
23 DDFO for consideration and acceptance by DOE.
24

25 Mr. Martinez asked that on line 3, section I, in the Waste Management (WM) WP that
26 the words "so as" be removed.
27

28 Mr. Bob Villarreal asked for clarification on the Environmental Monitoring &
29 Remediation (EM&R) WP Line 3, section I, "citizens' perspective", what is the committee
30 referring to.
31

32 Mr. Bishop responded his approach was that everyone on the board is a subject
33 matter expert in their community, and that the board provides DOE with a citizen's
34 perspective. Mr. Bishop proposed that the word "informed" be added.
35

36 Mr. Villarreal responded that adding the proposed change would be acceptable, he
37 also noted that the call out for the acronym BOR (Bureau of Reclamation) had not been
38 placed in the text in section II, F. of the EM&R WP.
39

40 Ms. Majure stated that the priority items listed in the EM&R WP were not meant to be
41 completed in that order but rather they were the items that the EM&R committee

1 would like to focus on. She proposed adding "for enhanced focus" to the heading for
2 that section.

3
4 Mr. Sayre the Chair for the EM&R Committee concurred with Ms. Majure's proposed
5 addition.

6
7 Mr. Martinez noted several grammatical changes that were needed and submitted a
8 marked up draft with the proposed changes.

9
10 The Board approved the changes submitted by Mr. Martinez.

11
12 Mr. Valdez asked that members who were not on a committee please work with the
13 NNMCAB staff to get setup on one of the committees. This is a requirement in the
14 NNMCAB Bylaws.

15
16 Mr. Alexander noted the proposed changes and was assigned the action of
17 incorporating the changes and preparing the final WPs.

18
19 The board agreed to postpone approval of the WPs until after the NMED Oversight
20 Bureau presentation.

21
22 **c. Appointment of Ad Hoc Committee for Annual Board Evaluation**

23 Mr. Valdez stated that the Annual Board Evaluation which is required under the
24 NNMCAB bylaws would take place in November. Mr. Valdez noted that the bylaws
25 direct the Chair to appoint an ad hoc committee to prepare and modify the tool used for
26 the evaluation. Mr. Puglisi, Ms. Ashley Sanderson, Mr. Pacheco, and Mr. Villarreal were
27 appointed to the ad-hoc committee.

28
29 **d. Other Items**

30 Mr. Valdez noted that the members would be selecting new Chairs and Vice-Chairs for
31 each of the subcommittees at the October 9, 2013 Combined Committee Meetings.

32
33 Ms. Majure noted that with all the discussion on chromium 6 and chromium 3 it
34 would be helpful to have a chemical tutorial on how oxidation reduction reactions work.

35
36 Mr. Bishop asked that Ms. Patti Jones take the action to get a 10 to 15 minute
37 presentation on oxidation reduction reactions.

38
39 Mr. Villarreal gave a brief history on why the chromium 6 was used in the cooling
40 towers and the basic requirements for a reducing environment.

41

1 Mr. Puglisi asked if Mr. Pat Longmire had any information on the 2 plumes in
2 question.

3
4 Mr. Longmire stated that there are two plumes present in Mortandad Canyon, one is a
5 perchlorate plume, and one is a chromium plume. The perchlorate plume originates
6 from Technical Area (TA) 50 while the chromium plume originates from TA-48. There is
7 also a chromium source that originated from TA-3. Mr. Longmire noted that the two
8 plumes do overlap, and move at the same rate under the current site conditions.

9
10 Mr. Valdez presented Mr. Pacheco with a certificate of appreciation for his service as
11 Vice-Chair for FY 2013.

12
13 Mr. Pacheco thanked all the members for the opportunity to serve as the Vice-Chair
14 for FY'13, and congratulated Mr. Sayre on his new position as Vice-Chair.

15
16 The NNMCAB took a 15 Minute Break.

17
18 **IX. Presentation On Waste Isolation Pilot Plant**

19 **a. Presentation on Waste Isolation Pilot Plant Status**

20 Mr. George Basabilvazo gave a presentation to the NNMCAB on the status at the WIPP
21 Site. An electronic copy of the presentation may be obtained at the NNMCAB website;
22 <http://www.nnmcab.energy.gov/7-presentations/presentations.htm>. A video of the
23 presentation is also available on the NNMCAB's YouTube Channel "NNMCAB".

24
25 **b. Questions**

26 Mr. Villarreal asked if the plutonium 239 was contact handled waste.

27
28 Mr. Basabilvazo responded that it can be either depending on the surface dose
29 measurement on the outside of the container.

30
31 Mr. Sayre asked which gasses were monitored in the shafts.

32
33 Mr. Basabilvazo responded that: oxygen, methane, and sulfur dioxide are checked
34 every morning. Additionally volatile organic compounds and semi volatile organic
35 compounds are monitored.

36
37 Mr. Bishop also noted that all the containers that are shipped from LANL to WIPP are
38 vented, to prevent hydrogen from building up in the drums.

39
40 Mr. Pacheco asked if the intake shafts had some way to deal with high particulates in
41 the air that are possible during New Mexico's high wind seasons, and if high particulates
42 had ever caused a shutdown.

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Mr. Basabilvazo responded that the facility has never been shut down due to high particulates, he noted that the intake exchanges approximately 460 thousand cubic feet of air per minute.

Mr. Puglisi asked how explosive gasses were monitored and controlled in the sealed rooms.

Mr. Basabilvazo responded that the rooms are not sealed, but rather closed with a ventilation barrier. The barrier causes the room to go anoxic very quickly and the drum vents stop the buildup of explosive gasses.

Mr. Valdez asked about seismic activity.

Mr. Basabilvazo stated that it is a low seismic area, noting that there have been a few quakes, registering 4 to 5 on the Richter scale within 75 miles but no problems were encountered at WIPP. Additionally he noted that due to the plastic nature of the salt it tends to absorb seismic waves rather than transmit them.

Mr. Bishop stated that it has been observed at Yucca Mountain that the deeper underground you are the less impact the wave has on the area, the damage comes mainly from the surface waves.

Dr. Shaw asked if the salt had more fluid/liquid like properties.

Mr. Basabilvazo responded that the salt has a more plastic like property, more like a rubber band it is stretchable but maintains its structure.

Ms. Majure asked how the teams from the waste sites are comprised.

Mr. Basabilvazo noted that the WIPP site provides the central characterization services; the home site provides the drums. He noted that the Nuclear Regulatory Commission is not present as the certification has already been given. The Environmental Protection Agency (EPA) and NMED would only be present as part of a separate inspection.

Ms. Majure asked if every box was assayed or if the boxes were assayed at random.

Mr. Basabilvazo noted that every drum/box is assayed.

Mr. Martinez asked if any of the TRUPACTs had ever failed the jet fuel test.

1 Mr. Basabilvazo responded that the original pack was subjected to the jet fuel test,
2 and once it was certified all TRUPACTs must meet the design specifications of the
3 originally certified TRUPACT.

4
5 Mr. Pacheco asked why the WIPP trucks are monitored on 5 minute intervals/updates.

6
7 Mr. Basabilvazo noted that it is predominantly for security purposes.

8
9 Mr. Valdez asked why production in 2008 was so low.

10
11 Mr. Basabilvazo stated that in 2008 there were three issues that had affected
12 production rates.

- 13 1. The facility had a water line break
- 14 2. The WIPP facility had six week maintenance outage
- 15 3. A waste container had to be retrieved and shipped back to LANL.

16
17 Mr. Sayre asked what the water line was for.

18
19 Mr. Basabilvazo noted that the water line is used to supply the facility with water and
20 also for the fire suppression system.

21
22 Mr. Valdez asked how many shipments the WIPP facility can process in a week

23
24 Mr. Basabilvazo noted that the WIPP facility can currently process 17 contact handled
25 (CH) and 2 remote handled (RH) shipments per week.

26
27 Mr. Bishop stated that currently LANL is using four of those shipments and up to five
28 by the end of calendar year 2013.

29
30 Mr. Valdez asked if WIPP had sufficient capacity remaining for all the waste that is left
31 at LANL.

32
33 Mr. Basabilvazo responded that WIPP's priority as determined by the WIPP Corporate
34 Board is LANL. He noted that as of 2012, LANL site inventory listed about 9880m³ of
35 waste, and WIPP is at 88,000m³ which is only half the capacity allowed for the WIPP site.

36
37 Mr. Stephen Schmelling asked if there are requirements for mining additional panels.

38
39 Mr. Basabilvazo stated that yes; WIPP needs regulatory approval to mine additional
40 panels. Additionally he noted that WIPP currently has two proposals in for additional
41 panels.

1 Mr. Tiano asked how many panels Congress had approved for WIPP.
2

3 Mr. Basabilvazo responded that Congress had approved a total volume of waste, not a
4 specific number of panels.
5

6 Ms. Majure asked who makes up the corporate board at WIPP, and how does it decide
7 on priority.
8

9 Mr. Basabilvazo noted that the board is made up of sites that are shipping waste and
10 sites that would like to ship waste to WIPP. The priority is decided by a consensus of the
11 members on the board: based on compliance agreements, settlement agreements,
12 data, and other high priority agreements.
13

14 **X. Update from Liaison Members**

15 **a. New Mexico Environment Department, Oversight Bureau**

16 Mr. Patrick Longmire gave an update on the chromium plume. An electronic copy of
17 the presentation "Fate and Transport of Chromium in the Regional Aquifer Los Alamos
18 New Mexico" may be obtained at the NNMCAB website
19 <http://www.nnmcab.energy.gov/7-presentations/presentations.htm>.
20

21 Mr. Sayre asked what is the distance between the Rio Grande and the chromium
22 plume.
23

24 Mr. Longmire noted that it was approximately three to four miles.
25

26 Mr. Puglisi asked if the pumping of PF-4 was influencing the movement of the plume.
27

28 Mr. Longmire responded that he believed that the pumping was influencing the
29 migration of the plume.
30

31 Mr. Villarreal asked what the depth of the wells in Los Alamos is.
32

33 Mr. Longmire noted that the wells in the regional aquifer were between 950 to 1100
34 feet, and the perched intermediate wells were around 500 to 700 feet.
35

36 Mr. Valdez asked if the plume had breached the San Ildefonso boundary.
37

38 Mr. Longmire responded that there is a high degree of probability that the plume has
39 passed R-50, and San Ildefonso is aware of that.
40

41 Mr. Puglisi asked if the plume could be further down on San Ildefonso property than
42 the image suggests.

1
2 Mr. Longmire responded that based on the increase of chromium concentrations at R-
3 50 and the mobility that is seen there, it is a reasonable hypothesis that it has migrated
4 past R-50.
5

6 Mr. Sayre asked if more wells would be drilled to look at nature and extent.
7

8 Mr. Longmire noted that was a decision that would need to be made by all parties
9 involved.
10

11 Ms. Majure asked if iron II is always checked when a well is drilled.
12

13 Mr. Longmire stated that yes iron II is always checked, since geochemically it is a key
14 element of chromium transport.
15

16 Mr. Puglisi asked if the flow rate of the chromium plume was the same rate as
17 groundwater; which is 73 to 164 feet per year.
18

19 Mr. Longmire responded that the plume is moving at approximately the same rate as
20 the groundwater.
21

22 **b. Department of Energy**

23 Update provided in Section XIII.
24

25 **c. Los Alamos National Laboratory**

26 Mr. Steven Veenis gave the NNMCAB an update on the Environmental Programs, the
27 status of the 3706 Campaign and damage from the September rain fall events.
28 "Environmental Programs Update for September 25, 2013". An electronic copy of the
29 presentation may be obtained at the NNMCAB website
30 <http://www.nnmcab.energy.gov/7-presentations/presentations.htm>.
31

32 **d. Upcoming Hearings and Permits**

33 Mr. Tony Grieggs gave the NNMCAB an update on permits "Los Alamos National
34 Laboratory Environmental Permit Update". An electronic copy of the presentation may
35 be obtained at the NNMCAB website [http://www.nnmcab.energy.gov/7-](http://www.nnmcab.energy.gov/7-presentations/presentations.htm)
36 [presentations/presentations.htm](http://www.nnmcab.energy.gov/7-presentations/presentations.htm).
37

38 Mr. Sayre asked if the Radioactive Liquid Waste Treatment Facility (RLWTF) permit
39 could be sent out to the NNMCAB.
40

41 Mr. Bishop asked that Mr. Alexander take the action to pull the RLWTF permit and
42 disseminate it to the Board.

1
2 Mr. Valdez asked if a permit is required to land apply the water from the chromium
3 pump and treat project.

4
5 Mr. Grieggs responded that yes a permit is required to land apply groundwater.

6
7 Mr. Valdez asked what the National Pollution Discharge Elimination System (NPDES)
8 permit allows LANL to do.

9
10 Mr. Grieggs stated that the permit authorizes LANL to discharge water that meets the
11 effluent limits in the permit at the permitted outfalls.

12
13 Mr. Villarreal asked how long it takes to complete the permitting sequence for
14 renewing a permit.

15
16 Mr. Grieggs noted that it depends on the permit but some of the NPDES permits have
17 been in process for 15 years.

18
19 Mr. Martinez asked for clarification on the open detonation process.

20
21 Mr. Grieggs responded that high explosives (HE) that are not stable or has had partial
22 detonation, is most often disposed of by using a known HE charge to render the
23 unknown HE safe.

24
25 Mr. Martinez asked if that was safe.

26
27 Mr. Bishop responded that it is the safest approach that can be used.

28
29 **XI. Public Comment Period**

30 Mr. Valdez opened the public comment period at 6:03 p.m. With no members of the
31 public scheduled to address the board, Mr. Valdez closed the public comment period at 6:04
32 p.m.

33
34 **XII. Vote on Fiscal Year 2014 Committee Work Plans**

35 Mr. Valdez opened the floor for additional comments on the WPs.

36
37 Mr. Pacheco proposed striking section I lines 3 and 4 "existing and proposed...".He
38 noted that the section seemed overly redundant and wordy.

39
40 Mr. Valdez stated that he felt that was the meat of the statement, and asked the board
41 if they had comments regarding that section. With no members wishing to comment, the
42 Chair asked for a motion to approve the WPs.

1
2 Mr. Pacheco made a motion to approve the WPs as amended; Mr. Sayre seconded the
3 motion. The NNM CAB voted all in favor, the motion to approve the WPs as amended
4 passed.

5
6 **XIII. Update from DDFO**

7 Mr. Bishop noted that most of his check list had been covered throughout the meeting.
8 He stated that Paul Torres a Fellow at the Los Alamos Field Office had been asked to work
9 on a redesign of the NNM CAB logo and that design would possibly be ready at the
10 November 20, 2013 meeting.

11 Mr. Bishop gave the members an update on the status of the recommendations that
12 were submitted to DOE by the NNM CAB in calendar year 2013. A hard copy of the update is
13 available on the NNM CAB webpage www.nnmcab.energy.gov under the Recommendations
14 Link. Mr. Bishop noted that responses to recommendations 2013-08 and 2013-09 were in
15 process.

16 Mr. Bishop responded to the question posed by Mr. Villarreal during the August 14,
17 2013 Combined Committee meeting on the Lamprey reactor. He stated that the reactor
18 vessel had been disposed of in the 33 Shaft area. He noted that the pencil tanks in the
19 bunker outside CMR contain the sodium coolant for the reactor, and that the bunker was
20 denoted as Material Disposal Area W or V. Additionally he stated the NNSA had it slated for
21 remediation. Mr. Bishop stated that the reactor fuel had been disposed of at Hanford; he
22 cited two documents that LANL had regarding the disposal.

23
24 **XIV. Wrap-up and Comments**

25 Mr. Valdez opened the floor for general comments from the members.

26
27 Mr. Schmelling, Mr. Sayre, Ms. Angel Quintana, Ms. Brenda Gallegos, Mr. Pacheco and
28 Ms. Ashley Sanderson thanked the presenters for the excellent presentations, and for the
29 excellent board meeting.

30
31 Mr. Villarreal stated that his concern with the pencil tanks at TA-35 was that the sodium
32 in the tanks will react with the air to form sodium oxides, and with excess oxygen to form
33 sodium peroxides and superoxides which are explosive. He noted that he was concerned
34 that someone would move the tanks without knowledge of the danger.

35
36 Mr. Bishop noted that he should have mentioned earlier that the tanks are being
37 maintained under a nitrogen blanket to keep that from happening.

38
39 Mr. Bishop thanked everyone for attending, and for the great meeting. He also noted
40 that this would have been Mr. Longacre's last meeting with the NNM CAB and that he
41 appreciated Mr. Longacre's service on the NNM CAB.
42

1 Mr. Tiano thanked the staff and presenters for a great meeting. Mr. Tiano noted that
2 the board meetings are recorded and aired on public television; he noted that he would like
3 to invite the public that watched the NNMCAB meetings on television to join us at the
4 meetings.

5
6 Ms. Majure thanked the staff for their great work. She also noted that the NNMCAB was
7 given credit for the generation of the LANL Fire Fact sheet, and it was nice to see the results
8 of the NNMCAB recommendations.

9
10 Dr. Shaw thanked the staff at the Sagebrush for the excellent venue and also the
11 NNMCAB staff for setting up the meeting. Dr. Shaw also thanked the members for attending
12 the meeting.

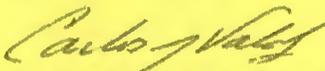
13
14 Mr. Martinez noted that he really appreciated the presenters and the excellent job they
15 did of bringing the terminology down to layman's terms. Additionally, he thanked the staff
16 and leadership for their support.

17
18 Mr. Valdez thanked everyone for attending the meeting and devoting their time to the
19 NNMCAB.

20
21 **XV. Adjournment**

22 With no additional business to discuss, Mr. Bishop adjourned the meeting at 7:04 p.m.

23 **Respectfully Submitted,**



24 **Carlos Valdez, Chair, NNMCAB**

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

26
27 **Attachments:**

- 28 1. Final NNMCAB Meeting Agenda for 09/25/2013
- 29 2. Final NNMCAB Meeting Minutes for 07/31/2013
- 30 3. Report from Carlos Valdez, NNMCAB Chair
- 31 4. Report from Menice Santistevan, Executive Director
- 32 5. NNMCAB Top Three Accomplishments for Fall Chairs Meeting
- 33 6. Waste Management Committee Draft FY'14 Work Plan
- 34 7. Environmental Monitoring & Remediation Committee Draft FY'14 Work Plan
- 35 8. Presentation by WIPP Director, George Basabilvazo
- 36 9. Presentation by NMED/DOE Oversight Bureau, Patrick Longmire
- 37 10. Update from LANL, Environmental Programs, Steven Veenis

1 **11. Update from LANL, Compliance and Permitting, Tony Grieggs**
2 _____

3 **Public Notice:**

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

7 *Reference documents listed in the Attachments section of these minutes may be requested for
8 review from the NNM CAB Office by calling (505)989-1662

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

November 20th, 2013

Board Membership: The NNM CAB currently consists of 22 members. Senior Advisor David Huizenga appointed four new members on Oct. 21st: Mary Friday, Alicia Martinez, Daniel Mayfield and Irene Tse-Pe. He also re-appointed Nona Girardi, Doug Sayre, Manuel Pacheco, Carlos Valdez, Joseph Viarrial and Bob Villarreal, who have all agreed to serve another term. The NNM CAB has four student members. 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.

Committee Meetings: The Executive and Combined Committee meetings were cancelled by direction of DOE Headquarters during the government shutdown.

NNM CAB Member Tours: NNM CAB members toured LANL environmental sites on Oct. 30th. Included in the tour was chromium pumping test at well R-28 in Mortandad Canyon; the Buckman Direct Diversion at Overlook Park; the LA Weir and Area G at TA-54. Several members also toured WIPP and Waste Control Specialists on Nov. 4-6.

EM-SSAB Chairs' Meeting: Due to the government shutdown the Chairs' meeting was re-scheduled from Oct. 15 – 17 to Nov. 5 – 6. Carlos Valdez, Doug Sayre and Christina Houston attended the meeting in Portsmouth, Ohio. Lee Bishop and Menice Santistevan attended the WIPP/WCS tour, which was previously scheduled.

Board Meeting Preparations: I prepared the Draft Agenda and submitted the notice to *The Federal Register*, in compliance with the Federal Advisory Committee Act. I made all arrangements at the Ohkay Conference Center 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 50 meeting packets were mailed out on Nov. 20th. An advertisement for the meeting was placed in the *Rio Grande Sun* and in *The Albuquerque Journal* on the NNM CAB website and on Facebook by William Alexander. Press releases were also sent to area news media. 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

Important Upcoming Dates:

Nov. 28 and 29: NNM CAB office closed.

Dec. 24 and 25: NNM CAB office closed.

January 8th, 2014: Executive and Combined Committee meetings, NNM CAB office

January 29th: Bi-monthly meeting at The Lodge at Santa Fe.

REPORT FROM THE CHAIR

NORTHERN NEW MEXICO CITIZENS ADVISORY BOARD

NOVEMBER 20, 2013 BOARD MEETING

ESPANOLA, NEW MEXICO

I. Routine Chair Activities since last NNM CAB meeting on 09/25/13:

A. Due to the fact that the federal government was closed for a good portion of October, the Executive Committee did not meet in October. In lieu of having a combined committee meeting, the Administrative staff coordinated a tour of the labs for the new members. The tour was scheduled and conducted on Wednesday October 30th. The tour was broken into two (2) groups: one tour, directed by Lee Bishop for the student members, and the other tour for all the other members. Members were able to watch an informative video, tour Mortandad Canyon for chromium pumping tests, see the weirs and some wells and see what Area G looks like.

B. The Chair and Vice Chair attended the National Chairs meeting in Portsmouth, Ohio. This meeting was held from November 4 thru November 7, 2013. A meet and greet social was held on Monday night of the 4th, where CAB members from all eight (8) sites were able to chat and learn about the different sites. Tuesday and Wednesday were full day board meetings. Part of the meeting includes working on and discussing recommendations on the national level. This year, New Mexico developed and presented a national recommendation. The only change made to this recommendation was the addition of a title. The recommendation was passed unanimously. The recommendation pertained to budgets in the times of sequestration and continuing resolutions, and DOE attempting to not apply budget reductions. On Thursday the 7th, the meeting participants were able to have a "windshield tour" of the Portsmouth Laboratory. Due to time constraints, we were unable to depart from the bus. This National Chairs meeting was originally scheduled for the middle of October, but was rescheduled for the beginning of November.

During this meeting, Cate Alexander announced that she will be retiring in January. This was her last Chairs meeting.

III. No other activity to report

Submitted by:

Carlos Valdez

Chair, NNM CAB

November 12, 2013



Northern New Mexico Citizens' Advisory Board



NNM CAB

Annual Board Evaluation Results



Calendar Year 2013

NNMCAB Annual Survey (CY 2013)

1. The NNMCAB is focusing on the appropriate Environmental Management issues at and around the Los Alamos site.

NNMCAB Member Comments:

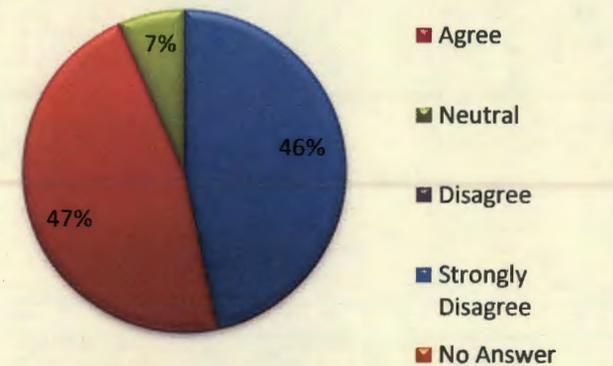
- We're focusing on the appropriate Environmental Management issues at and around the Los Alamos Site.
- This is a dynamic conversation (re: our scope) & we are allowed to course correct at any time.
- We need to think outside the box.

2. The recommendations made by the NNMCAB are resulting in measurable changes to improve environmental management activities at and around the Los Alamos Site.

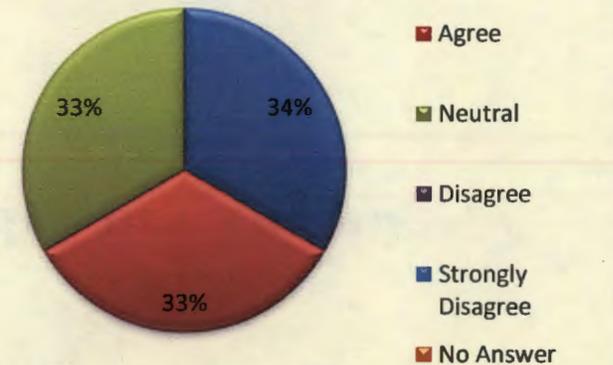
NNMCAB Member Comments:

- I'm not sure if what we say changes what they were planning to do anyway, but the fact that a CAB exists seems to let them know that people are paying attention and that environmental protection needs to be attended to.
- Seems true, we are continuing to improve on devising and detecting tangible metrics concerning our "impact."

Question 1



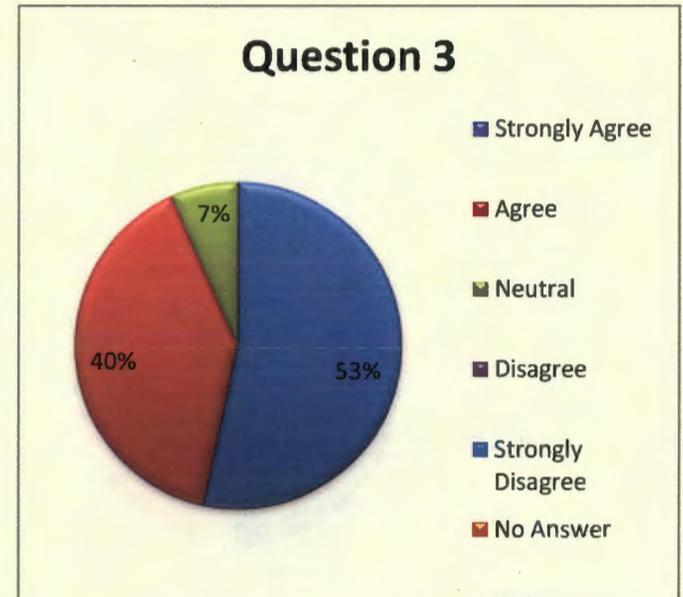
Question 2



3. The NNM CAB spends the right amount of time developing, reviewing and discussing recommendations and I am comfortable with the discussions and confident when I vote.

NNMCAB Member Comments:

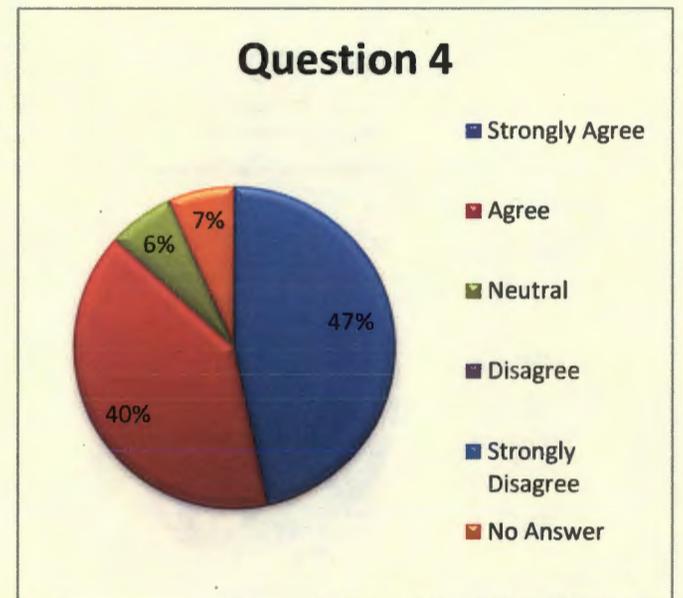
- Refer to comments in #1 (We need to think outside the box.)



4. I feel my views and participation are valued by other NNM CAB members.

NNMCAB Member Comments:

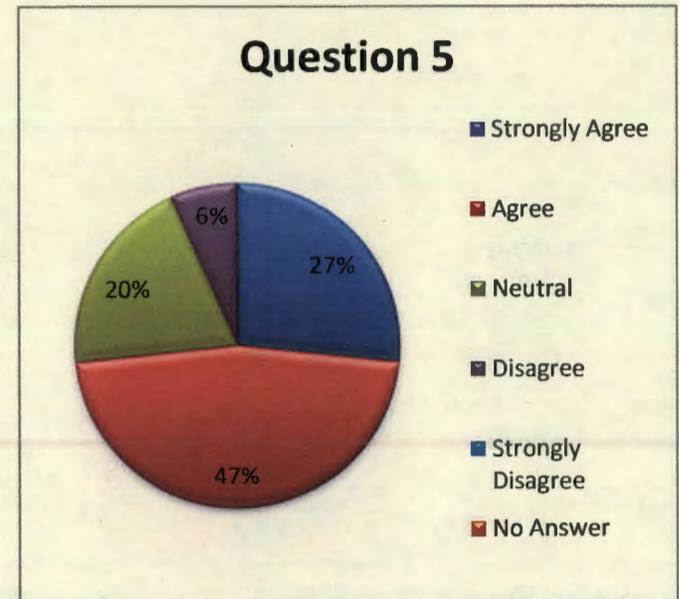
- It depends on the topic.



5. I am satisfied with the level of participation and involvement of the other NNM CAB members.

NNMCAB Member Comments:

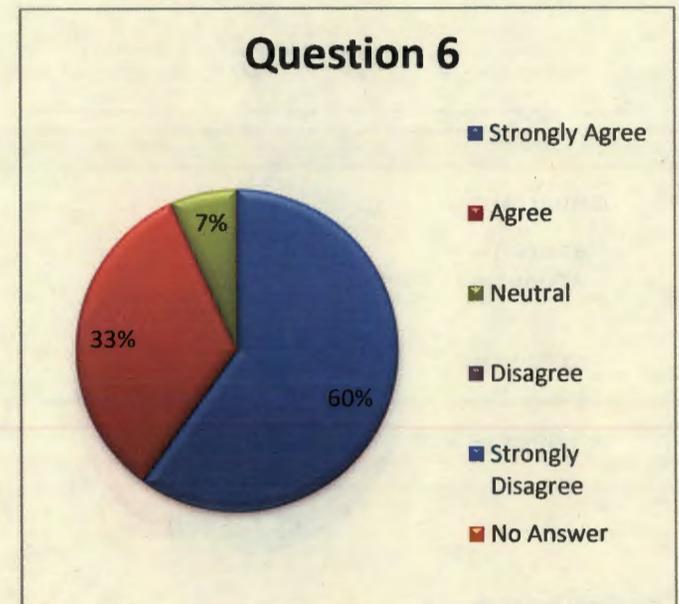
- More participation by the tribal members would be good.
- We need more involvement by the newer members.
- I think we need to encourage some members to participate more often in the matters of the CAB.
- There seems to be a core group that participate a lot, and several others who need to be encouraged to become more involved.



6. I get all the information I need to understand issues and feel as though I'm kept "in the loop."

NNMCAB Member Comments:

- Sometime I feel lost. There is so much going on.



7. I get too much information in the mail and through e-mails and I am not sure what I should focus on.

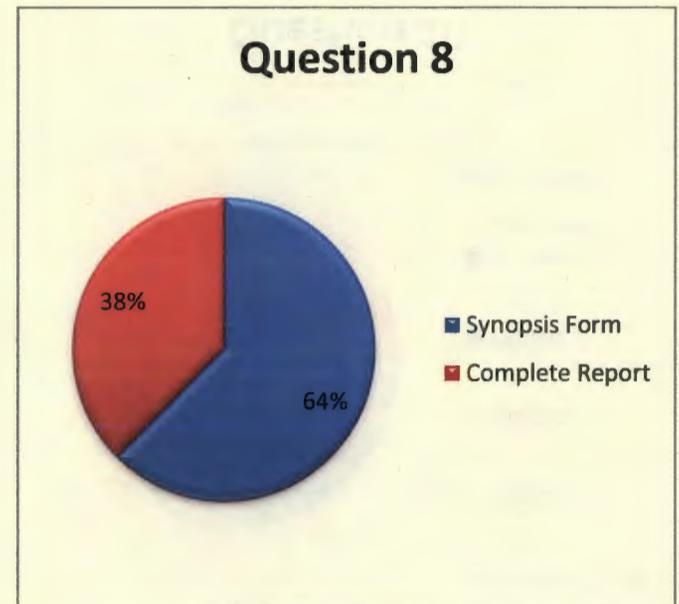
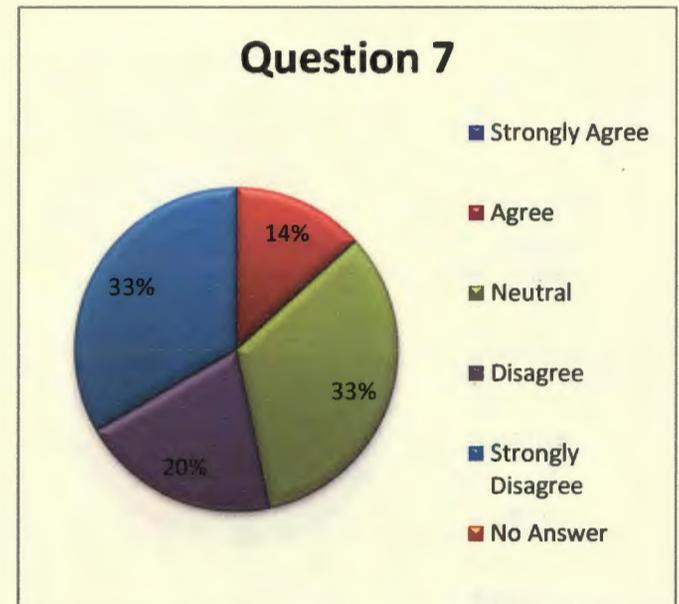
NNMCAB Member Comments:

- I do delete most of the info, but I like getting it so that I can selectively read and study.
- It's good to get links to lots of information, but it seems like in the past, someone at the CAB office would highlight which articles, announcements, etc. were particularly interesting, important, or relevant to us. That was helpful, but doesn't seem to happen any more.
- Yes at times.
- Most often in synopsis form but on some issues we probably need a complete report. If discussion leads to indecision or questions that are unanswered, then a report is probably necessary.
- I find most of it interesting.
- Need to be briefed more on the practical side to understand the remedy.

8. Would members prefer information in synopsis form or the complete report?

NNMCAB Member Comments:

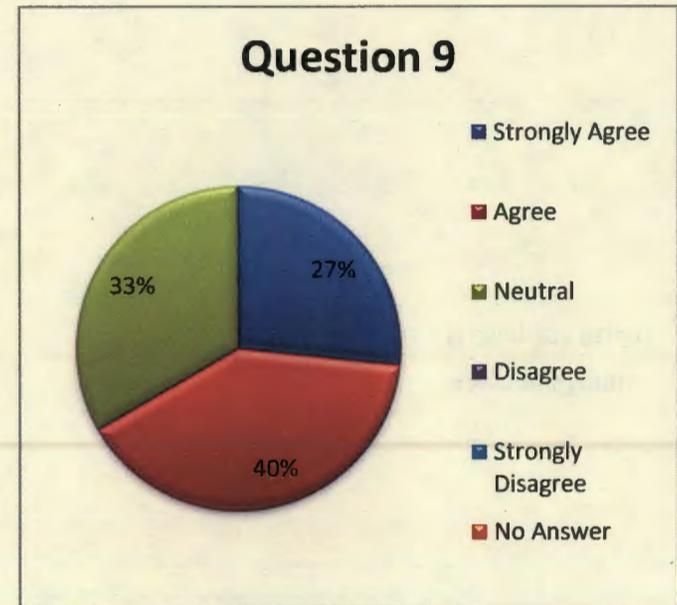
- With complete info available on request.
- A bit of both – see above #7 (Neutral – it's good to get links to lots of information, but it seems like in the past, someone at the CAB office would highlight which articles, announcements, etc. were particularly interesting, important, or relevant to us. That was helpful, but doesn't seem to happen any more.)
- With the option to request the complete report if necessary.
- Depends on the subject.
- It depends on the issue-perhaps the synopsis with the option of getting the full report.
- A complete report almost always includes an abstract or executive summary anyway.



9. The NNM CAB does a good job of getting its message out to the public.

NNMCAB Member Comments:

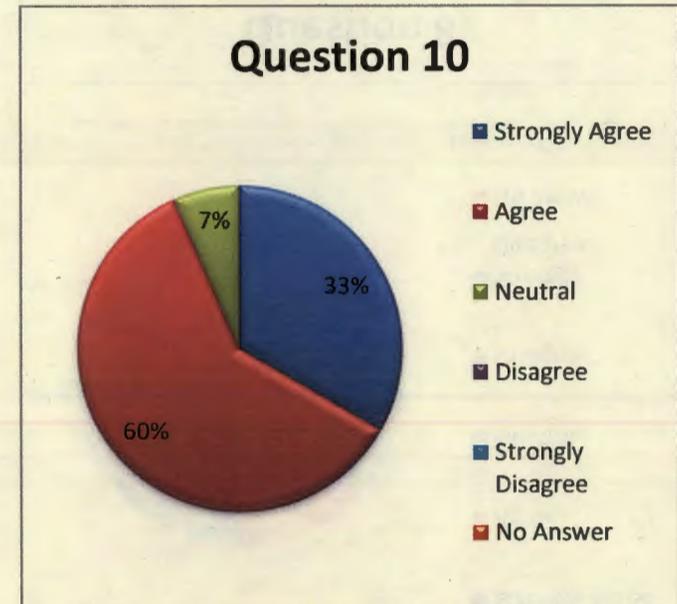
- It seems like we try, but the CAB doesn't seem to be perceived by "the public" as the place to get information about, or try to influence LANL/DOE about environmental issues
- This is hard – I think we could do better, but I don't know how. I think on the whole we do pretty well.
- Not sure the level desired.
- Most of the public does not care till it effects their bottom line.



10. The location and scheduling of Board meetings and committee meetings allows for full participation from the NNM CAB members and the public.

NNMCAB Member Comments:

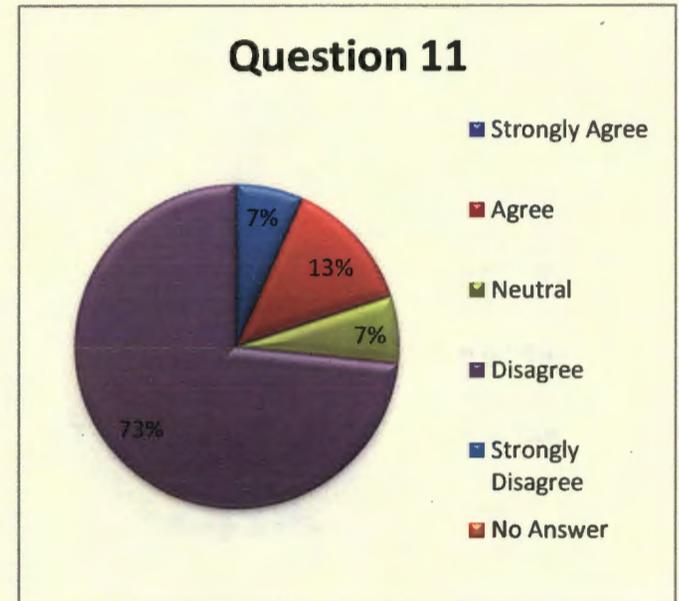
- Rotating board meetings and centrally located committee meetings seem to allow participation. Would meetings starting at lunchtime possibly allow more of the working public to attend? It's good that there is a public comment period in the evening at the Board meetings. But still, public doesn't participate much.
- The locations are fine. Perhaps we should explore other times to get more complete participation.
- Well rotated & notified & advertised.



11. The current organizational structure (e.g. committees) of the NNM CAB needs to be changed.

NNMCAB Member Comments:

- If adequate reasons are presented, then the Board could consider some reorganization.
- You need key people that have a background in that area.

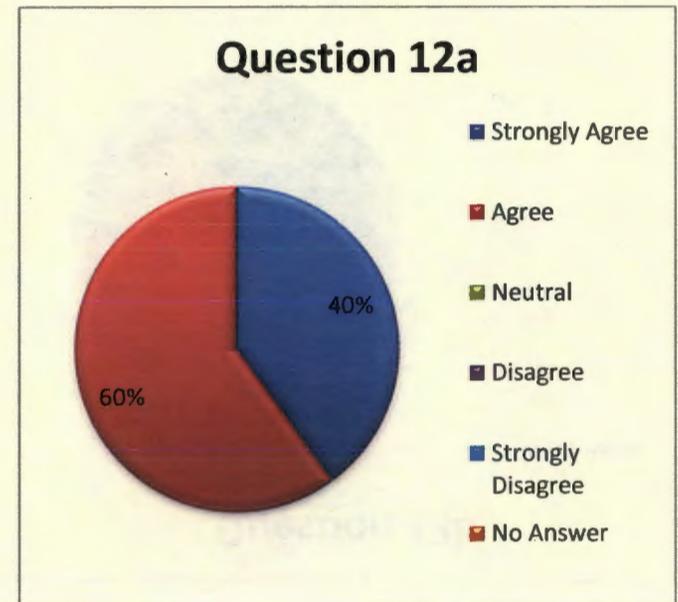


12. The support provided to the NNM CAB (technical and administrative) is at the right level and in the right area.

NNMCAB Member Comments:

Technical support:

- Awesome Job!
- I think the support in both areas is excellent.



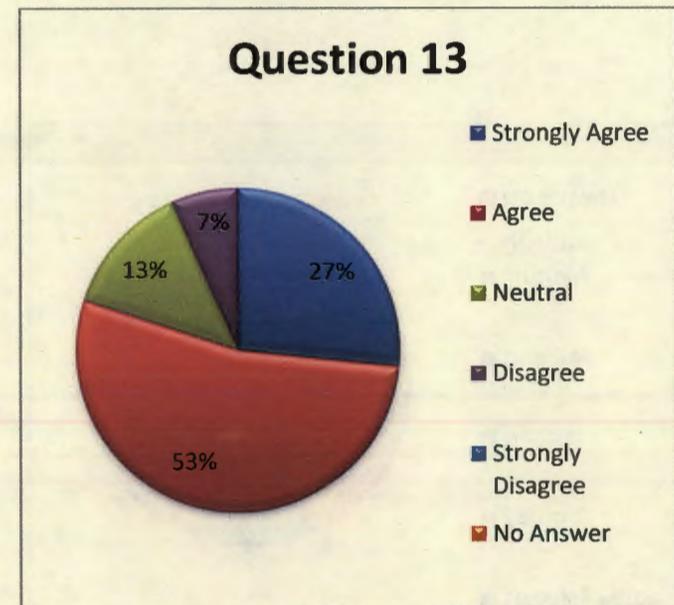
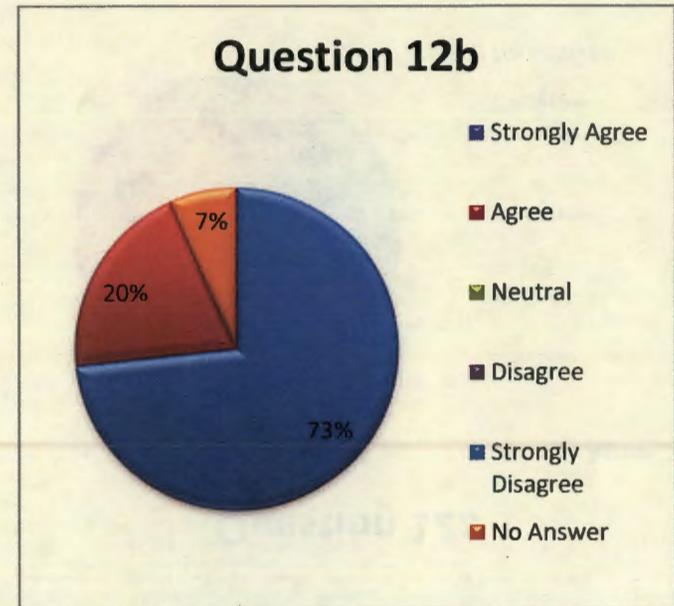
Administrative support:

- They are all awesome
- Awesome Job!
- Nice & helpful

13. Responses from DOE to NNM CAB requests for information have been timely and responsive.

NNMCAB Member Comments:

- Seem to be getting a bit more prompt since we complained. Responses are a bit vague, and seem to be along the lines of “we’ll think about it”
- Currently the responses have been timely and responsive, but in the past some have not been too timely.
- Generally both timely and responsive.
- Need to move quicker



14. Responses from DOE regarding NNM CAB recommendations have been timely and complete.

NNMCAB Member Comments:

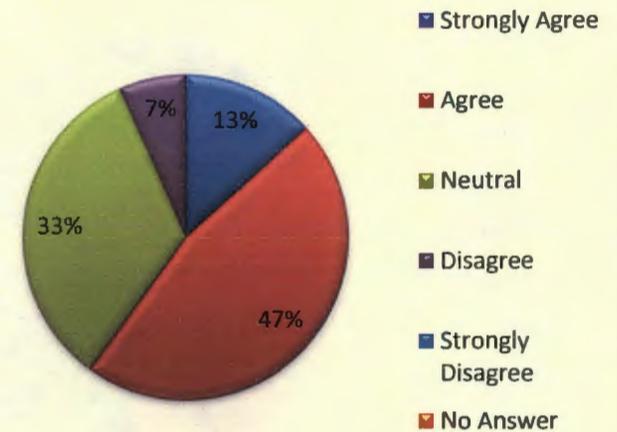
- See #13 (Seem to be getting a bit more prompt since we complained. Responses are a bit vague, and seem to be along the lines of “we’ll think about it”)
- It is improving and is much better lately.
- Sometimes DOE seems to gloss over or “benignly” ignore selected specifics of our rec’s.

15. Responses from DOE regarding NNM CAB recommendations have included adequate information.

NNMCAB Member Comments:

- Seem to mostly repeat/summarize information we already had.
- Some responses have lacked sufficient information regarding their decision.
- Mostly.
- See # 14 (Sometimes DOE seems to gloss over or “benignly” ignore selected specifics of our rec’s.)

Question 14



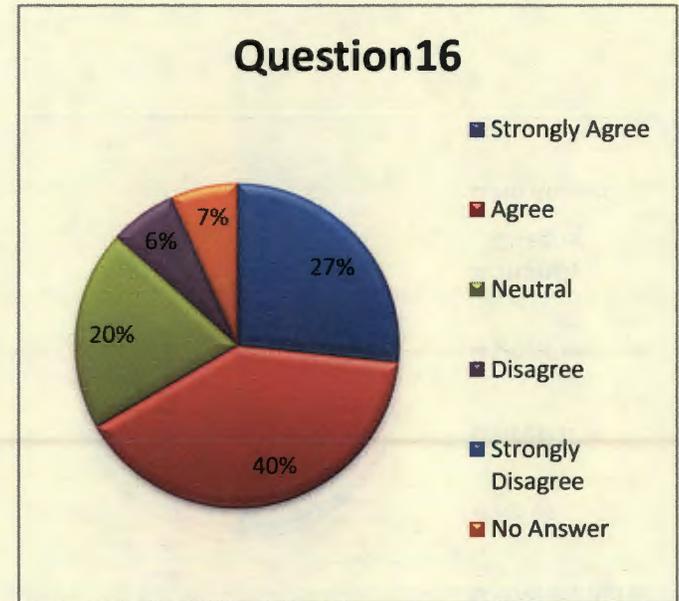
Question 15



16. Do you think the NNM CAB should keep committee meetings combined?

NNMCAB Member Comments:

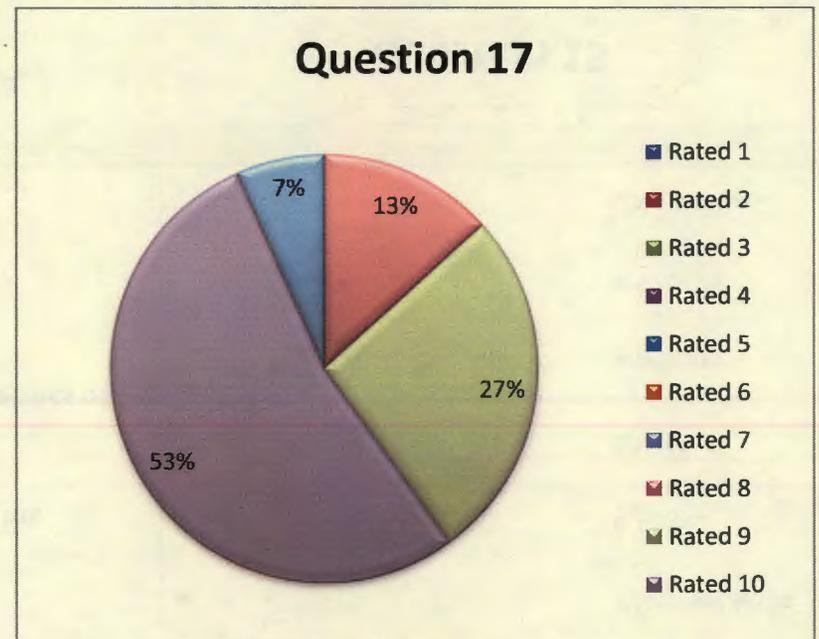
- Yes – issues and presentations seem to apply to both committees.
- Whatever works best for everyone.
- For the most part. But there are times when they need to meet separate.
- I find that combined meetings keep most of the CAB members better informed. When necessary we can always separate into respective committees for detailed discussion.
- This is not a simple yes or no answer. I think that the committees should meet separately at least some of the time.
- Easier to manage shorter time commitments & a separate committee mtg. might run shorter.
- It depends on the topic.



17. Please rank the feedback, level of participation, and input of the DDFO, with 1 being the lowest and 10 being the highest:

NNMCAB Member Comments:

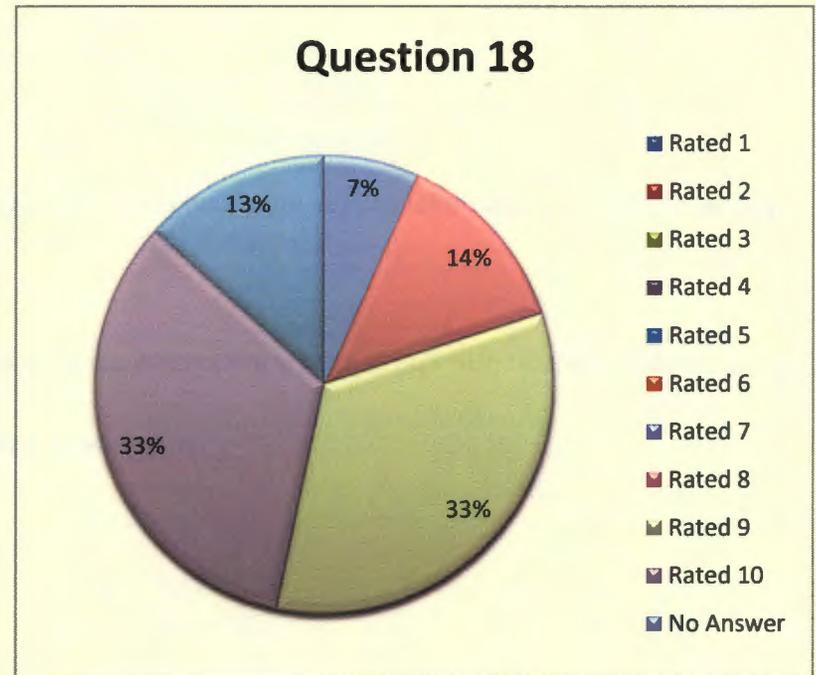
- No Comments



18. The NNM CAB does a good job of allowing public input into its decision-making and provides an adequate forum for public comment.

NNMCAB Member Comments:

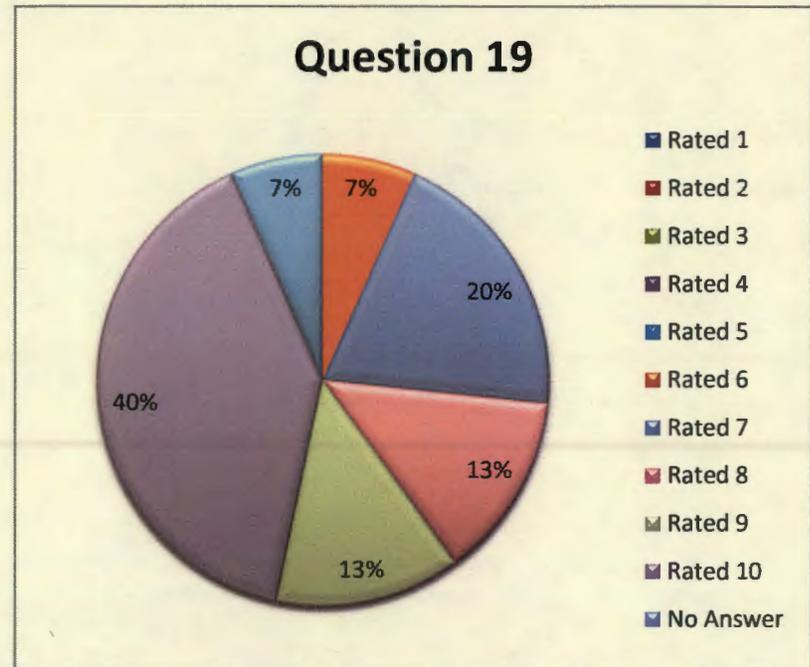
- As I always say “you can lead a horse to water, but you can’t make it drink,” Read: “You can allow public input, but you can’t make it happen.”
- Seems like they try, but it doesn’t really work so well. Maybe it will improve now that we have more members from more communities, including student members. Here’s an example – SF mayor just spoke about how terrible it would be if waste stays in the shafts long term. Do he and his staff have the same information that was presented to us about worker safety and the fact that that area of the lab will always need to be “off limits”? Did they even think of the CAB meetings as one place to discuss their concerns? Will they be coming to our next meeting?
- Stronger and more explicit/compelling public information might “fill the room” better.
- The public does not get involved.



19. The NNM CAB encourages the presentation and input of information on subject matters before the Board from a diverse group of interests other than DOE and LANL.

NNMCAB Member Comments:

- For some reason it doesn't seem to happen much.
- Most of the people in the service area don't care or bother to voice opinion.



20. If I could make one change to the NNM CAB it would be:

NNMCAB Member Comments:

- Shorter meetings.
- Technical and scientific info from sources other than LANL/DOE
- I think it would be nice if we could meet on different days, then always a Wednesday.
- I wouldn't change anything. We have the best Board in the complex!
- Think about ways to encourage and get more public participation especially on matters of public safety and possible threats to the environment.
- More tours of facilities dealing with nuclear disposal or waste.
- Obtain one or two new members that are top notch scientists. Discuss more interesting topics.
- I would like to have an occasional presentation of work LANL is doing other than environmental management. I think this would give members a better context in which to view the CAB's work.
- Nothing comes to mind.
- Too many different rec's

21. If there were one thing I would definitely not change with the NNM CAB it would be:

NNM CAB Member Comments:

- The support staff and the DDFO's.
- Menice
- The admin. support
- Staff
- Lee and Menice! They are our foundation!
- Public forum is great!
- To keep members as is.
- I think the quality of the members and the support staff is very high.
- The excellent staff & team mgt.

22. How do you feel public awareness can be improved in 2014?

NNM CAB Member Comments:

- At least weekly newspaper articles.
- Maybe invite some outside speakers, then publicize their talks too?
- More advertisement, word of mouth.
- If there was more \$, radio ads about public meeting.
- I think we are doing as much as we possibly can now.
- I take it this has to do with our meetings. The only thing I suggest is that we consider advertising an additional amount of time/issues in the newspapers of circulation in the vicinity of our proposed meeting and advise us if there are matters which we can forward to LANL and DOE for consideration.
- A newsletter stating NMCAB updates would be great.
- Again, not sure about level of public involvement desired vs. budget & quality of public involvement – BUT – advance topic oriented campaigns, media outreach, advertisement and calendar listings could all help . . . if time & \$ allow.
- That is very hard to get people engaged, then it is too late. We have tried a lot of motivating scenarios & to no avail.

23. Other comments:

NNM CAB Member Comments:

- I have learned a lot on the board and look forward to learning even more.
- Great job and a great use of my volunteer time. Thx!
- This was when LANL went through the NEPA process & hardly anyone would comment on behalf of the lab & tell the truth.

NNMCAB

Recommendation Number	Topic	Authoring Committee or Member	NNMCAB Approval	DOE Response	NOTES
2013-09	Recommendation for LANL Clean-up (Funding)	CV	7/31/2013		E-mailed to members on 07/17/2013 for review. Approved at the July Board Meeting. Submitted to the National Chairs meeting for consideration in October.
2013-08	Waste Isolation Pilot Plant Storage For LANL Waste	CV/SS/GM/LL	7/31/2013	10/2/2013	Provided to members for review at the July CC Meeting. approved at the July Board Meeting. Response will include briefing from CBFO/WIPP at the Taos meeting.
2013-07	Recommendation to Realign Consent Order Priorities	CV	6/12/2013	8/6/2013	Recommendation was tabled at May Board Meeting, request for addition to the June CC Meeting Agenda. Recommendation was voted on and approved at the June 12, 2013 CC Meeting. DOE submitted a response letter to the NNMCAB on 08/06/2013. Sec. Flynn provided the NMED perspective at the Sept. 10th CCM at Cities of Gold.
2013-06	Recommendation for LANL Clean-up (WIPP)	LL	Not Approved	NA	Recommendation was determined to be out of EM scope.
2013-05	Recommendation for LANL Clean-up (Funding Shift)	LL	Not Approved	NA	Recommendation was voted on and not approved at the May 22, 2013 Board Meeting.
2013-04	Recommendation for LANL Clean-up (Monthly Status Report)	LL	5/22/2013	5/22/2013	NNMCAB Members voted to have this recommendation become a standing board meeting agenda item. Status by DDFO.

Key
Submitted
Pending DOE Resp
Pending NNMCAB Review
Moved to Agenda Status Item

NNMCAB

Recommendation Number	Topic	Authoring Committee or Member	NNMCAB Approval	DOE Response	NOTES
2013-03	FY 2015 Budget Priorities	CV	5/8/2013	Administratively Accepted	Incorporated into the FY15 Budget submission to OMB. NNMCAB Budget brief at beginning of FY.
2013-02	Recommendation to Review Material Disposal Areas at LANL in Addition to Technical Area 54 for Risks Associated With Fires	WM	3/20/2013	8/14/2013	LANL developing a press briefing package in response as a public communication tool. DOE/LANL MDA Fire Fact Sheet presented to the NNMCAB at the August Combined Committee Meeting. The Fact sheet is now available on the NNMCAB website.
2013-01	Recommendation for Action in Analysis of Disposal Pathways for Disposition of 33 Shafts	AM	1/30/2013	4/22/2013	Recommendation triggered Environmental Assessment under NEPA regulations. Analysis will occur Fall of 2013.
2012-03	Fiscal Year 2013 and 2014 Budget Appropriation Recommendation	Carlos Valdez	9/26/2012	Administratively Accepted	Incorporated into the FY13 Budget submission to OMB. NNMCAB Budget brief at beginning of FY

Key
Submitted
Pending DOE Resp
Pending NNMCAB Review
Moved to Agenda Status Item