



Northern New Mexico Citizens' Advisory Board  
1660 Old Pecos Trail, Ste. B  
Santa Fe, NM 87505  
505-989-1662

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10 NNM CAB Meeting Minutes  
11 January 25, 2006  
12  
13 Santa Fe Community College, Santa Fe, New Mexico  
14  
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16  
17 Attending:

18  
19 CAB Members:

20 J.D. Campbell, Chair  
21 Grace Perez, Vice Chair  
22 David Church  
23 Fran Berting  
24 Chris Timm  
25 Mary Pat Kraemer  
26 Sammy Quintana  
27 Kenn Riordan  
28 Pamela A. Henline  
29 Philip Cantu  
30 Darlene Strosnider  
31 Jon Rudnick  
32 Barbara Gonzales  
33 Erlinda Gonzales

34  
35  
36 NNMCAB Members Absent:

37  
38 Excused:

39 Jim Janis  
40 Donald Jordan  
41 Matt Deller

42  
43 Absent:

44 Raymond Loretto  
45  
46

Deputy Designated Federal Officer:

Christina A. Houston, DOE

Ex-Officio Members Attending:

Ken Hargis, LANL  
Rich Mayer, EPA  
James Bearzi, NMED  
Mat Johansen, DOE

LASO Management

Ed Wilmot, DOE

NNMCAB Staff:

Menice Santistevan, Executive Director  
Lorelei Novak, Technical Writer/Community Outreach  
Specialist  
Grace Roybal, Office Administrator  
Eddie Roybal, Sound Technician



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**NNMCAB Meeting: 1-25-06**

**Guests in Attendance:**

1. Scott Kovac, Nuclear Watch New Mexico (NWNM)
2. Lorrie Bonds-Lopez, LANL / ENV
3. Jean Dewart, LANL
4. Neil Weber, Pueblo de San Ildefonso Pueblo
5. Damon Hill, Los Alamos Study Group (LASG)
6. Greg Mello, LASG
7. Mat Johansen, DOE/LASO
8. Ardyth Simmons, LANL
9. J. Chris Echohawk, LANL
10. Donivan Porterfield, Public
11. William A. Christenson
12. Roger Snodgrass, LA Monitor
13. Monika Steiner, Citizen
14. Ben Gillock, Local Energy, Antioch College
15. Dale Bignelli, Citizen
16. Armond Groffman, LANL
17. Danny Katsman, LANL
18. Mark Everette, LANL
19. Fatima Portugal, LASG
20. Charles de Saillan, NMED, Office of General Counsel
21. David A. Stephenson, LASG
22. Bud Ryan, LASG
23. Richard Deertrack, Taos Pueblo
24. Linda Deertrack, Taos
25. Barbara Alpert, Santa Fe
26. Stephen Gilbert, Public
27. John Arnold, Albuquerque Journal
28. Carol Benson, LASG

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**FINAL MEETING AGENDA:**

- 1:00 p.m. Call to Order by Christina Houston, DDFO  
Establishment of a Quorum  
Welcome and Introductions by Chairman J. D. Campbell  
Approval of Agenda  
Approval of Minutes of November 30, 2005
- 1:15 p.m. Board Business
- a. Report from Chair, J. D. Campbell
  - b. Report from DOE, Chris Houston, DDFO
    - Consideration and Action on FY '06 CAB Budget
  - c. Report from Executive Director, Menice B. Santistevan
  - d. New Business
    - Groundwater Forum, J.D. Campbell
- 2:30 p.m. **Break**
- 2:45 p.m. Reports
- a. Community Involvement Committee, Grace Perez
  - b. Environmental Monitoring, Surveillance and Remediation Committee, Chris Timm
    - Introduction of Recommendation 2006-01
    - Introduction of Recommendation 2006-02
  - c. Waste Management Committee, Matthew Deller
    - Introduction of Recommendation 2006-03
    - Introduction of Recommendation 2006-04
  - d. Reports from Ex-Officio Members
    - EPA-Rich Mayer
    - DOE-John Ordaz
    - UC/LANL-Ken Hargis
    - NMED-James Bearzi
- 4:00 p.m. Discussion with Mr. Ed Wilmot, Los Alamos Site Office Manager
- 5:00 p.m.
- Dinner Break**
- 6:00 p.m. **PUBLIC COMMENT**
- 6:15 p.m. Consideration and Action on Recommendation 2006-01  
Consideration and Action on Recommendation 2006-02  
Consideration and Action on Recommendation 2006-03  
Consideration and Action on Recommendation 2006-04
- 6:30 p.m. Presentation on Groundwater Issues at LANL
- 7:30 p.m. Comments from Ex-Officio Members  
DOE/LASO

- 3 LANL
- 4 EPA
- 5 NMED
- 6
- 7 8:00 p.m. Comments from Board Members
- 8 8:20 p.m. Recap of Meeting: Issuance of Press Releases, Editorials, etc.
- 9 8:30 p.m. Adjourn

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12 **MINUTES:**

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14 **Section I- Call to Order**

15 **Contents:**

- 16 a. **Call to Order by Christina Houston, DDFO**
- 17 b. **Establishment of a Quorum**
- 18 c. **Welcome and Introductions by Chairman J. D. Campbell**
- 19 d. **Approval of Agenda**
- 20 e. **Approval of Minutes of November 30, 2005**

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22 **a. Call to Order**

23 The regular bi-monthly meeting of the Northern New Mexico Citizens' Advisory Board  
24 (NNMCAB or CAB) meeting was held on Wednesday, January 25, 2006 at the Santa Fe  
25 Community College, Jemez Complex in Santa Fe, New Mexico. The Chair, J. D. Campbell  
26 presided. Ms. Santistevan acting on the request of Christina A. Houston, Deputy Designated  
27 Federal Officer (DDFO), stated that on behalf of the Department of Energy (DOE), the regular bi-  
28 monthly meeting of the Northern New Mexico Citizens' Advisory Board (NNMCAB or CAB) was  
29 called to order at 1:10 p.m. Ms. Santistevan stated that the regular meeting of the NNMCAB was  
30 open to the public and posted in the Federal Register in accordance with the Federal Advisory  
31 Committee Act. Ms. Houston, delayed by the weather, arrived at 1:30 p.m.

32

33 **b. Establishment of a Quorum**

34 Ms. Santistevan stated that the members in attendance did establish a quorum at the start of the  
35 meeting for conducting Board business. Roll call established thirteen members present at the start  
36 of the meeting.

37

38 **c. Welcome and Introductions by Chairman J. D. Campbell**

39 Dr. Campbell welcomed members and guests to the 1-25-06 CAB meeting. The Chair asked  
40 for introductions from guests and CAB members present.

41

42 **d. Approval of Agenda**

43 J. D. Campbell, Chair, called for any modifications to the agenda or a motion to approve the  
44 agenda. Mr. Timm requested a modification to the agenda to include Board consideration and  
45 action of draft Resolution 2006-01RS. Ms. Henline made a motion to approve the amended agenda  
46 and Ms. Strosnider seconded the motion. The agenda was approved by acclamation.

47

3 **e. Approval of NNM CAB Minutes from November 30, 2005 CAB Meeting**

4 Dr. Campbell then asked the Board to approve the draft minutes from the 11-30-05 CAB  
5 meeting prepared by Ms. Novak, CAB Technical Writer/Community Outreach Specialist. With  
6 minor editorial changes noted, and a suggestion from Dr. Berting to remove the summary of the  
7 agenda from the body of the minutes for brevity, Mr. Timm made a motion to approve the 11-30-  
8 05 CAB minutes, as amended. Ms. Henline seconded the motion. As all were in favor, the  
9 amended minutes were accepted as final.

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11 **Section II- Board Business**

12 **Contents:**

- 13 Board Business
- 14 a. Report from Chair, J. D. Campbell
  - 15 b. Report from DOE, Chris Houston, DDFO
  - 16 c. Consideration and Action on FY '06 CAB Budget
  - 17 d. Report from Executive Director, Menice B. Santistevan
  - 18 e. New Business
    - 19 • Groundwater Forum, J.D. Campbell
    - 20 • Consideration and Action on Draft Resolution 2005-01RS
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22 **a. Report from Chair, J. D. Campbell**

23 **Dr. Campbell reported activities of the Chair since the November 30, 2005 Board meeting:**

- 24 1) Participated in NNM CAB Committee Meetings:
- 25 a) 1-11-06 EMSR Committee Meeting.
    - 26 • Drafted Recommendation for increased NMED funding to implement the
    - 27 Consent Order.
  - 28 b) 1-11-06 Waste Management Meeting.
    - 29 • Drafted Recommendation NRDA integration.
- 30 2) Attended meetings with:
- 31 a) Tom Longo, at LASO, regarding Buried TRU Waste at LANL and to requested cost-  
32 benefit studies for LLW at LANL.
  - 33 b) Met Ed Wilmot, LASO Site Manager, to discuss the following issues:
    - 34 • Groundwater issues and monitoring wells.
    - 35 • Resolution 2005-01, 'Grout Open Boreholes Area G'.
    - 36 • Letter to DOE and ATSDR.
    - 37 • DOE/LASO support of NNM CAB.
    - 38 • Status of staff support contract and budget.
    - 39 • Upgrade to NNM CAB computers and new laptop.
  - 40 c) Attended NMED Annual Meeting on Consent Order, 1-10-06:
    - 41 • Change in deliverables schedule.
    - 42 • TA-21 update.
    - 43 • DP Road Public Participation Plan.
    - 44 • Delays in Administrative Record and LANL Permits.
    - 45 • Next Annual Meeting expected for October 2006.
- 46 3) Dr. Campbell gave presentations to:
- 47 a) Taos Wheeler Peak Group on 12-15-05 regarding: Area G Recommendation 2005-10.
  - 48 b) Participated in Technical Exchange, 12-20-05, by Pathways Group, LANL.

- 3 4) Participated in Conference Calls:  
4 a) Site Specific Advisory Board (SSAB) Chairs' Call on 12-15-05:  
5 • Discussed organization changes at DOE and EM.  
6 • Heard report by Christine Gelles on LLW/MLLW Plan on 3-06-06.  
7 • Heard reports from other SSABs.  
8 b) SSAB Chairs' Call on 12-08-05, discussed Plans for Oak Ridge SSAB Meeting, 4-06.  
9 5) Initiated Organization of CAB Groundwater Forum:  
10 a) Email sent to interested parties 1-11-06.  
11 b) Attended meetings and had discussions with participants.  
12 c) Chaired an organizational meeting on 1-24-06 at NNM CAB offices.  
13

14 **b. Report from DOE, Chris Houston, DDFO**

15 Ms. Houston provided the CAB members and guests with the Deputy Designated Federal  
16 Official's report, which is summarized below:

- 17 • Announced Mr. Wilmot planned to address the CAB later in the agenda. Mr. Wilmot  
18 agreed to address the new LANL contract, future expectations from the DOE, DOE's  
19 response to CAB recommendations and John Ordaz's transfer.  
20 • Requests for excused absences for the CAB meeting were received by Ms. Houston  
21 from- Jim Janis, Don Jordan and Matthew Deller; all three requests were approved.  
22

23 **c. Consideration and Action on FY'06 CAB Budget, Christina Houston**

24 Ms. Houston informed the CAB that the Support Services Contract between DOE and  
25 ATA Services has been distributed to the appropriate channels and is expected to be in  
26 effect by 1-31-06. As a part of the support services contract, the FY'06 Budget will be  
27 available on 2-01-06.  
28

29 **d. Report from Executive Director, Menice B. Santistevan**

30 **Ms. Santistevan's report is summarized below:**

31 **Board Membership:**

- 32 - Marvin Rowe resigned from the Board on 12-30-05, to take a teaching position out of the  
33 country. Ms. Santistevan and Dr. Campbell met with a prospective candidate from Taos  
34 Pueblo on 1-13-06. Ms. Santistevan planned to submit the new candidates name to Mr.  
35 Wilmot for appointment to fill Marvin Rowe's term. Ms. Santistevan planned to recruit  
36 members through newspaper articles regarding the mission of the CAB and its work. Ms.  
37 Santistevan planned to make appointments for the Chair, Vice-Chair and DDFO to meet  
38 with the new Governors of the Four Accord Pueblos. The Executive Committee would like  
39 to fill open seats on the Board with representatives from these Pueblos.

40 **Executive Committee Meetings:**

- 41 - The Committee met on 11-15-05, and on 1-10-06. The committee heard reports from the  
42 Chair, Committee Chairs, the DDFO and the Executive Director. The Committee approved  
43 the Chairman's proposal to host a Forum on Groundwater. The Executive Committee also  
44 approved correspondence from the Chair to Assistant Secretary Rispoli and the Final  
45 Agenda for the 1-25-06 Board Meeting. The Committee also discussed conflict of interest  
46 issues. Interactions with DOE/LASO were also discussed, as the Chair and Vice-Chair are  
47 scheduled to meet with Ed Wilmot on 2-07-06.

48 **Board Meeting Preparations:**

- 3 - Board Meeting Preparations: The Draft Agenda for the 1-25-06 Board Meeting was  
4 prepared and forwarded to the Federal Register. Advertisement for the meeting were  
5 placed in the *Los Alamos Monitor*, the *New Mexican* and the *Albuquerque Journal North*.  
6 Board meetings have been scheduled at the Santa Fe Community College through  
7 November 2006 and the Sagebrush Inn has been reserved for the Board Retreat in May  
8 2006.

9 **Office Management:**

- 10 - The staff supported all committee meetings with preparation of notices, agendas and  
11 minutes and followed-up on any requests of the committees, the Chairman and the DDFO.  
12 The staff has also assisted Chris Houston and ATA Services with information regarding the  
13 new contract for support services. The new five-year contract has been scheduled to go into  
14 effect on 2-01-06.

15 **SSAB Semi-Annual Chairs' Meeting:**

- 16 - The NNM CAB will be hosting the Fall 2006 meeting of the Chairs in Santa Fe. Ms.  
17 Santistevan met with the Marketing Director at La Fonda Hotel on 1-12-06. Ms.  
18 Santistevan reserved the hotel's meeting space, eighty hotel rooms and all facilities from 9-  
19 5-06 through 9-08-06.

20 **Issues Not Resolved and Estimated Completion Date:**

- 21 - The execution of a Support Services Contract between DOE and ATA Services is expected  
22 to be completed by 1-31-06.

23 **Printing of Fall/Winter Newsletter:**

- 24 - Ms. Santistevan announced the NNM CAB Fall/Winter was completed and 1100 copies  
25 were mailed to the CAB's distribution list. She thanked the CAB staff for their hard work  
26 in producing, publishing and mailing a successful Fall/Winter Newsletter.

27 **Next Board Meeting:**

- 28 - The next regular meeting of the NNM CAB has been scheduled for 3-29-06.  
29  
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31 **e. New Business**

- 32 • **NNM CAB to host a Public Forum on Regional Groundwater Issues, J. D. Campbell.**

33 Dr. Campbell informed the Board that the Executive Committee had approved a public  
34 educational forum on regional groundwater issues related to LANL to be hosted by the NNM CAB.  
35 An organizing committee / participant planning group met on 1-24-06. The date for the forum has  
36 yet to be finalized. The planning group is considering dates for the forum ranging from April to  
37 mid May 2006. The location for the forum is also to be finalized. The planning group is  
38 considering locations in Los Alamos and Pojoaque. The focus and mission for the forum is to  
39 inform and educate the public and to provide a venue for public questions regarding groundwater  
40 contamination concerns resulting from 60 years of LANL operations. Dr. Campbell discussed why  
41 the public might care about the quality of groundwater under LANL. The public has a stake in the  
42 quality of the public drinking water supply as well as individual well supply sources. The focus of  
43 the forum will be on past, current and future impacts of LANL operations on regional groundwater  
44 quality, although the Board acknowledges there are other contributors to groundwater  
45 contamination.

46 **The planning group set broad objectives for the Groundwater Forum as follows:**

- 47 1. To inform the public of current information.  
48 2. To provide responses to questions from the public.



- 3 3. To identify remaining issues to be addressed.
- 4 4. To resolve technical concerns among participants.
- 5 5. To improve path forward for groundwater monitoring.

6 **The planning group also discussed the following budgetary requirements for the forum:**

- 7 1. Rent for facility.
- 8 2. A/V support.
- 9 3. Donation of refreshments.
- 10 4. Video of proceedings.
- 11 5. Report of proceedings.
- 12 6. Facilitator.

13 **Other issued to be addressed at the forum:**

- 14 1. What is the condition of the groundwater under LANL today?
- 15 2. What are the extent and description of existing or known contamination in the
- 16 groundwater today?
- 17 3. What are the plans and processes in effect to monitor and protect the regional aquifer
- 18 and the public drinking water supply and are these protective programs considered
- 19 effective and reliable?
- 20 4. What is the migration factor of contamination in the regional aquifer in terms of years?
- 21 5. What is bioaccumulation of contaminants and how is it explained in terms of the
- 22 regional aquifer and the public drinking water supply?
- 23 6. How does LANL monitor contamination that may be present 800 feet underground?
- 24 7. What are LANL's plans for improving the sampling procedures from monitoring wells
- 25 to ensure representative analyses?

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27 • **Draft Resolution 2006-01RS.**

28 Mr. Timm asked the Board to consider and act upon Draft Resolution 2006-01RS, "to include  
29 the Northern New Mexico Citizens' Advisory Board in the Award Fee Evaluation Process for the  
30 LANL M&O Contractor." The primary author, Mr. Timm, would like the CAB to be included in the  
31 "process whereby DOE determines the amount of the award fee earned by the M&O contractor based  
32 upon formal performance evaluations and assessments at stated intervals." The Board discussed the  
33 resolution. Mr. Janis made comments by email dated 1-23-06 stating his appreciation for Mr. Timm's  
34 resolution regarding the CAB having input to the new M&O contractor's award fee determination, but  
35 he stated concerns that the resolution raises several issues for the CAB. Specifically, the NNM CAB  
36 having an input to the new M&O contractor's award fee has (1) no legal precedent, (2) no DOE  
37 precedent, and (3) may be considered a conflict of interest under the Board's stated charter.

38 Mr. Janis suggested as an alternative to Mr. Timm's draft resolution that the CAB could  
39 consider writing a "report card" for the M&O contractor every 6 or 12 months. The report card could  
40 be graded on criteria that the CAB develops within its' purview and independent of the M&O  
41 Contractor's award fees and send this report card to the M&O contractor, to DOE and to the public.  
42 "This would allow the Board to consider factors such as the contractor's attitudes about public  
43 involvement and participation that are usually not part of an M&O contractor's award fee  
44 determination." **(Full text of comments submitted Mr. Janis regarding Resolution 2006-01RS**  
45 **have been placed on file.)**

46 Mr. Timm agreed that Mr. Janis had good comments but he still wanted the full CAB to review  
47 the resolution and participate in the discussion. Ms. Houston suggested the resolution required further  
48 research prior to the CAB making a final decision. She stated that DOE headquarters wants the CAB



3 to be careful to remain within their charter. Dr. Campbell agreed with Mr. Janis that the CAB could  
4 prepare a report card for the new contractor to structure the CAB's input in an appropriate way. Mr.  
5 Timm maintained that the March 17, 2004 CAB Charter did not preclude CAB involvement with  
6 award fees for EM Contractors.

7 **Dr. Berting moved to "table the resolution to the March meeting or until the CAB**  
8 **receives further information on this issue, for example: precedence." Mr. Church seconded the**  
9 **motion." The motion to table the resolution passed by a unanimous show of hands.**

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11 **Section III- Reports**

12 **Contents:**

- 13 a. Community Involvement Committee, Grace Perez
- 14 b. Environmental Monitoring, Surveillance and Remediation Committee, Chris Timm
  - 15 • Introduction of Recommendation 2006-01
  - 16 • Introduction of Recommendation 2006-02
- 17 c. Waste Management Committee, Matthew Deller
  - 18 • Introduction of Recommendation 2006-03
  - 19 • Introduction of Recommendation 2006-04
- 20 d. Reports from Ex-Officio Members
  - 21 EPA-Rich Mayer
  - 22 DOE-Mat Johansen
  - 23 UC/LANL-Ken Hargis
  - 24 NMED-James Bearzi

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26 **a. Community Involvement (CI) Committee, Grace Perez, Chair.**

27 Ms. Perez, the Committee Chairperson acted as the reporting member for the CI Committee.  
28 The CI Committee has reviewed their work plan and is following stated objectives by visiting the  
29 websites of relevant agencies in accordance with the CAB's mission. The CI Committee planned  
30 to have comments for review at the March 2006 CAB meeting. The CI Committee has also agreed  
31 to assist with the planning of the CAB Groundwater Forum. The CI Committee has expressed  
32 interest in reviewing the public involvement plans for TA-21, DP Road and MDA B. **(Transcripts**  
33 **have been placed on file.)**

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35 **b. Waste Management (WM) Committee, J. D. Campbell.**

36 Dr. Campbell, the NNM CAB Chairman acted as the reporting member for the WM Committee.  
37 He stated that the WM Committee has discussed their Work Plan and continues to act upon Area G  
38 Forum initiatives. **(Transcripts have been placed on file.)**

40 **Dr. Campbell introduced the following draft recommendations to the Board:**

- 41 • 2006-03 WM- [Regarding the Aesthetics of Area G to the Neighboring San Ildefonso](#)  
42 [Reservation](#)
- 43 2006-04 WM- [Integrate Natural Resource Damage Assessment with Environmental](#)  
44 [Remediation at Los Alamos National Laboratory](#)

3 **c. Environmental Monitoring, Surveillance and Remediation (EMSR) Committee, Chris**  
4 **Timm.**

5 Mr. Timm, the Committee Chairman acted as the reporting member for the EMSR Committee.  
6 He stated that EMSR Committee members have been reviewing and addressing items in their Work  
7 Plan.

8 Top items of study are listed below:

- 9 1. LANL Groundwater Monitoring Program, investigating sources for Chromium  
10 concentrations found at well R-28, continuing discussion on groundwater quality issues  
11 at LANL.
- 12 2. Reviewing deliverables in the Compliance Order on Consent.
- 13 3. Reviewed “Environmental Surveillance at Los Alamos, 2004.”
- 14 4. Tracking Recommendations made to the DOE and pending responses, five  
15 recommendations are pending for the EMSR Committee from 2005.

16 **(Transcripts have been placed on file.)**

17  
18 **Mr Timm introduced the following draft recommendations to the Board:**

- 19 • 2006-01 EMSR - [Provide Written Intent to Continue Support of NMED for Consent](#)  
20 [Order Implementation](#)
- 21 • 2006-02 EMSR- [Establish a Multi-Agency Task Force on Groundwater Monitoring](#)

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23 **d. Reports from Ex-Officio Members.**

24 Reports were given to CAB members and guests by Rich Mayer from EPA Region 6, Mat  
25 Johansen from the Los Alamos Site Office of the DOE, Ken Hargis from the University of  
26 California/LANL and James Bearzi from the NMED. **(Transcripts have been placed on file.)**

27 **Summary:**

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29 **Rich Mayer, EPA:**

- 30 • Invited the CAB to submit a letter with EPA, with suggestions for ways to use EPA /  
31 Federal Facilities surplus funding for environmental monitoring and sampling.
- 32 • Announced public comment period to review and draft comments regarding EPA  
33 NPDES Draft Permit No. NM0028355-- for LANL. He stated there is a supplementary  
34 Fact Sheet and Comment Instructions document to help the public draft their comments.
- 35 • PCB Landfill Permit was re-approved. A new permit is still under consideration. EPA  
36 would like the agencies to provide comments.
- 37 • EPA/Ada’s final response to the CAB’s letter dated January 4, 2006 should be available  
38 by the end of February 2006.

39  
40 **Mat Johansen, DOE:**

- 41 • Mr. Johansen informed the Board that the NMED has requested an Interim Measures  
42 Work Plan due in 90 days as a response to the Chromium issue at well R-28. He stated  
43 that chromium concentrations were noted in 2004 but that the data was “buried” and  
44 was only recently brought to the attention of the appropriate agencies. He further stated  
45 that the DOE considered NMED’s response to be appropriate and that the Consent  
46 Order has contingencies for new findings built into the document.

- Mr. Johansen deferred to Mr. Wilmot to address pending questions sent to Mr. Ordaz.

**Ken Hargis, LANL:**

- Provided the CAB with an update on the process of the Lab's transition to the new contract. The new M&O contractor was announced in December 2005.
- Stated that new format for listing LANL's Consent Order Deliverable status will be available by the January CAB meeting. He passed out the current status of LANL Order Deliverables in the older format to CAB members.
- Mr. Hargis has been working with Ms. Houston and the CAB staff to finalize a formal request process. He is aware of the CAB's outstanding requests and is working with Ms. Bonds-Lopez and others with scheduling and document requests.

**James Bearzi, NMED:**

- Mr. Bearzi provided comments on the status of additional funding for NMED implementation of the Consent Order from DOE. He thanked the CAB for their recommendation supporting additional funding for NMED. A Memorandum of Agreement (MOA) was executed last fall between the DOE and LANL regarding funding appropriations but that this agreement may have to be renewed on a yearly basis.
- Mr. Bearzi strongly supported the CAB's upcoming Groundwater Forum. The success of the CAB's Area G Forum has set a strong example.
- Regarding Recommendation 2006-02-- NMED understands the positive aspects of a multi-agency task force, 'bringing the best minds to bear' but stated NMED will only be involved in their current function as a regulatory authority. NMED can only support so many initiatives from the CAB. He stated he wanted the CAB to recognize that 'less can be more.'

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**Section IV- Discussion with Los Alamos Site Manger, Ed Wilmot:**

Mr. Wilmot agreed to speak to the CAB at the January 25, 2006 Board meeting to address CAB issues and to make comments regarding recommendations the CAB made to the DOE. Mr. Wilmot stated he has a public participation philosophy for the DOE. He detailed some of his early career working on radioactive waste issues for the Civilian Waste Management Program. Mr. Wilmot stated his responsibilities included planning the transport of spent fuel. He worked at Sandia National Laboratory in the late seventies and helped design TRUPAC containers that are specially built for safely transporting nuclear waste. Throughout the TRUPACS design and implementation process, Mr. Wilmot stressed public involvement. Mr. Wilmot has learned to respect the public process through that experience in Waste Management. Now as a manager he expects public involvement from his staff and he stresses transparency and openness with the decision making process at DOE. He stated that public input could be a valuable tool to everyone involved with DOE's Environmental Management Program.

Mr. Wilmot said he wanted to speak to the CAB today to apologize for lack of LASO management involvement with the CAB over the past year. With the recent LAB shutdown and now with a new M&O contractor to begin managing LANL some responsibilities to the CAB have been overlooked in the list of priorities. He admitted that DOE/LASO management

3 had not represented the DOE to the CAB properly. He appreciated Ms. Grace Perez, CAB  
4 Vice Chair, and CAB Chair J. D. Campbell's proactive approach in arranging to meet with Mr.  
5 Wilmot and explaining the CAB's position. Their recent meeting has helped Mr. Wilmot to  
6 understand the CAB's situation. He acknowledged that the CAB has accomplished an  
7 incredible amount of work in 2005.

8 Mr. Wilmot informed the CAB that he instituted a strategic pause to help DOE prepare  
9 for the new management at the Lab. He explained that it might appear as a bit of an introduced  
10 crisis but Mr. Wilmot stressed that current management systems needed to be examined. To  
11 facilitate the strategic pause Mr. Wilmot has re-assigned approximately one third of his staff.  
12 The pause should be complete by early March 2006 and at that time, the LASO will regain  
13 normal operating tempo.

14 **Mr. Wilmot wanted to specifically address the CAB's 2005 recommendations that**  
15 **have not been responded to by the DOE.**  
16

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- 17 • 2005-01 WM - [Regarding De-scoping the LANL EM Program Over to an NNSA](#)  
18 [Cleanup Contractor](#)  
19 (DOE Verbal Response Received January 25, 2006) (Written Response Pending)

20 *Wilmot Response:*

21 LANL EM program was not transferred to a NNSA Clean-up Contractor. The decision was  
22 from the cumulative impact of Sec. Curry's letter, the Governor's input and the CAB's  
23 input. CAB's recommendation was reviewed and acted upon.

- 24
- 
- 25 2005-02 EMSR - [Regarding Accessibility and Usability of LANL's Environmental](#)  
26 [Quality Database Website](#)  
27 (DOE Verbal Response Received January 25, 2006) (Written Response Pending)

28 *Wilmot Response:*

29 LANL is responding through John Till's RACER Q/A Q/C Program. The RACER program  
30 compiles data from LANL and NMED into one database. Mr. Wilmot suggested Dr. Till make  
31 a presentation for the CAB as an opportunity to involve the CAB in LANL's Q/A Q/C  
32 Programs.  
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- 34 • 2005-03 EMSR - [Regarding Improving Availability and Clarity of Community Specific](#)  
35 [Environmental Information and Environmental Quality Information](#)  
36 (DOE Verbal Response Received January 25, 2006) (Written Response Pending)

37 *Wilmot Response:*

3 LANL is responding through John Till's RACER Q/A Q/C Program. The RACER program  
4 compiles data from LANL and NMED into one database. Mr. Wilmot suggested Dr. Till make  
5 a presentation for the CAB as an opportunity to involve the CAB in LANL's Q/A Q/C  
6 Programs.

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- 8 • 2005-04 CI - [Improvements to DOE/LANL Public Meetings](#)  
9 (DOE Verbal Response Received January 25, 2006) (Written Response Pending)

10 *Wilmot Response:*

11 Mr. Wilmot stated his agreement with the CAB's recommendations. The DOE is interested  
12 in sharing ideas with the CAB on ways to improve public meetings to make them more  
13 effective.  
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- 15 • 2005-05 CI - [Annual Environmental Surveillance Reports](#)  
16 (DOE Verbal Response Received January 25, 2006) (Written Response Pending)

17 *Wilmot Response:*

18 LANL representative Terry Morgan stated his appreciation for the CAB's input on the  
19 Executive Summary of the ESR. Many of the CAB's suggestions on clarity, organization and  
20 use of language for general public comprehension were implemented into the final document.  
21 The CAB has also been invited to participate in the review process for the upcoming ESR.

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- 23 • 2005-06 EMSR - [EPA NAREL Plans for a National Monitoring System](#)  
24 (DOE Verbal Response Received January 25, 2006) (Written Response Pending)

25 *Wilmot Response:*

26 Mr. Wilmot explained that there is a significant difference in monitoring standards for the  
27 EPA NAREL monitoring systems as compared with LANL air monitoring equipment rendering  
28 the two systems not compatible for use in comparing data sets. The consensus from LANL was  
29 that co-locating the monitors would not be an effective tool for comparative use. He stated no  
30 action was taken on this recommendation.

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- 32 • 2005-07 EMSR - [Regarding LANL's Quality Assurance and Quality Control Programs](#)  
33 (DOE Verbal Response Received January 25, 2006) (Written Response Pending)

3 Mr. Wilmot made the same response here as for Recommendations 2005-02 and  
4 Recommendation 2005-03.

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- 6 • 2005-08 EMSR - [Support For Additional Staff in New Mexico Environment](#)  
7 [Department to Implement Consent Order with Department of Energy and the University](#)  
8 [Of California](#)  
9 (DOE Verbal Response Received January 25, 2006) (Written Response Pending)

10 *Wilmot Response:*

11 DOE plans to try to get a monetary commitment for additional support for NMED's  
12 implementation of the Consent Order on a yearly basis. Mr. Wilmot agreed with the CAB that  
13 this is an important issue for DOE to consider in order to comply with the stated timetables for  
14 deliverables outlined in the Consent Order.

- 15
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- 16 • 2005-09 CI - [Review of Environmental Stewardship—Environmental Remediation and](#)  
17 [Surveillance Public Involvement Plan](#)  
18 (DOE Verbal Response Received January 25, 2006) (Written Response Pending)

19 *Wilmot Response:*

20 DOE/LASO produced an ENV Stewardship/ ENV Remediation Public Involvement Plan.  
21 The CAB reviewed the document and made several recommendations to make the document  
22 more current as the original draft was based on a two-year-old plan. The DOE reviewed this  
23 recommendation and acted upon the CAB's recommendations.

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- 25 • 2005-10 WM - [Regarding Expansion of Low-Level Radioactive Waste Disposal at Area](#)  
26 [G with Attached Minority Report](#)  
27 (DOE Verbal Response Received January 25, 2006) (Written Response Pending)

28 *Wilmot Response:*

29 In principle, Mr. Wilmot stated he would like to stop burying waste at Area G. However, it  
30 is very difficult to go back and change policy and with a significant underestimate of generated  
31 waste LANL must have a waste disposition strategy. However, Mr. Wilmot stated he will look  
32 closely at improving technological waste minimization strategies currently in place and for  
33 future strategies. The expansion of Area G will accommodate the additional waste generated  
34 from the ER program. The DOE appreciated the thoughtfulness of this recommendation. He  
35 has implemented many strategies at LANL that are progressing towards a goal of zero  
36 discharge. Ultimately, waste management and disposal practices have broad implications and



3 relate to the entire DOE complex. Waste disposition strategies are decided by headquarters and  
4 are a DOE complex wide issue. Therefore, Mr. Wilmot explained LANL follows national and  
5 not just regional policies on waste disposal practices.  
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7 **Additional Recommendations pending response but not addressed by Mr. Wilmot at**  
8 **the CAB meeting are listed below in order of oldest to newest:**

- 9 • 2003-06 EMSR - [Consequences of the New Mexico Environment Department Order](#)  
10 (DOE Response Pending)
- 11 • 2003-04 ER - [Long Term Environmental Stewardship and Cleanup of Large Hazardous](#)  
12 [Waste Sites](#)  
13 (DOE Response Pending)
- 14 • 2004-05 EMSR - [Regarding DOE's Commitment to Public Participation for the 260](#)  
15 [Outfall](#)  
16 (DOE Response Pending)
- 17 • 2004-04 EMSR - [Regarding DOE's Quality Assurance Program](#)  
18 [\(2004-04 Attachments\)](#)  
19 (DOE Response Pending)
- 20 • 2004-03 WM - [Regarding DOE's Commitment to Public Participation](#) (DOE Response  
21 Received 2-24-2005)
- 22 • 2004-01 EMSR - [Reinstate High Performance \(Core\) Teams](#)  
23 (DOE Response Pending)
- 24 • 2006-01 EMSR - [Provide Written Intent to Continue Support of NMED for Consent](#)  
25 [Order Implementation](#)  
26 (DOE Response Pending)
  
- 27 • 2006-02 EMSR- [Establish a Multi-Agency Task Force on Groundwater Monitoring](#)  
28 (DOE Response Pending)
- 29 • 2006-03 WM- [Regarding the Aesthetics of Area G to the Neighboring San Ildefonso](#)  
30 [Reservation](#)  
31 (DOE Response Pending)

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34 **Section V- Public Comment:**

35 Greg Mello, Los Alamos Study Group (LASG), signed up for public comment. Mr. Mello  
36 again stated his concurrence with Recommendation 2005-10 sponsored by the Waste Management  
37 Committee. He passed out a packet of information regarding the study group to the CAB  
38 membership. He made comments to the CAB for public record that the original Performance  
39 Assessment (PA) for Area G had no venue for pre-publication and peer review. In essence, the PA  
40 was already completed and the expansion of Area G to Zone 4 was a finalized agreement before the  
41 public had a chance to make comments. He stated that many organizations, citizens, and towns in  
42 New Mexico have supported the closure of Area G. He pointed out that the LASG considered the  
43 Hydrogeologic Model developed by LANL could never be sufficient to characterize the site  
44 properly due to the fractured geology comprising the Parjarito Plateau. **(Transcripts have been**  
45 **placed on file.)**

3 Joni Arends, Concerned Citizens for Nuclear Safety (CCNS), signed up for public comment.  
4 Ms. Arends passed out a letter addressed to the CAB stating CCNS concerns regarding a possible  
5 conflict of interest for CAB member, Chris Timm. Mr. Timm's company, Pecos Management Inc.,  
6 recently received a DOE contract award to provide independent oversight at the Waste Isolation  
7 Pilot Plant (WIPP.) The Board agreed to read the letter and take the issue under advisement.  
8 (CCNS Letter dated 1-25-06 has been placed on file.)  
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10 **Section VI- Consideration and Action on Draft Recommendations:**

- 11 • 2006-01 EMSR - [Provide Written Intent to Continue Support of NMED for Consent](#)  
12 [Order Implementation](#)

13 **Dr. Berting made a motion to approve Recommendation 2006-01 as amended. Ms. B.**  
14 **Gonzales seconded the motion. Recommendation 2006-01 was unanimously approved as**  
15 **amended.**

- 16 • 2006-02 EMSR- [Establish a Multi-Agency Task Force on Groundwater Monitoring](#)

17 **Dr. Rudnick made a motion to approve Recommendation 2006-02 as amended. Ms. E.**  
18 **Gonzales seconded the motion. Recommendation 2006-02 was unanimously approved as**  
19 **amended.**

- 20 • 2006-03 WM- [Regarding the Aesthetics of Area G to the Neighboring San Ildefonso](#)  
21 [Reservation](#)

22 **Mr. Timm made a motion to approve Recommendation 2006-03 as amended. Dr. Berting**  
23 **seconded the motion. Recommendation 2006-03 was unanimously approved as amended.**

- 24 • 2006-04 WM- [Integrate Natural Resource Damage Assessment with Environmental](#)  
25 [Remediation at Los Alamos National Laboratory](#)

26 **Dr. Berting made a motion to approve Recommendation 2006-04 as amended. Ms.**  
27 **Kraemer seconded the motion. Recommendation 2006-04 was unanimously approved as**  
28 **amended.**

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30 **Section VII. Presentation:**

31 **Presentation from Jean Dewart, LANL Pathways Protection Program-Environmental**  
32 **Stewardship Division regarding Groundwater Monitoring Issues at LANL.**

33 The Chair introduced the guest speaker, Jean Dewart, LANL Pathways Protection Program-  
34 Environmental Stewardship Division, whose subject report was a presentation regarding  
35 Groundwater Monitoring Issues at LANL. (Transcripts and Ms. Dewart's PowerPoint  
36 Presentation have been placed on file.)  
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38 **Section VIII. – Wrap-up, Issuance of Press Releases, Editorials, etc. and Adjournment:**

3 Mr. Hargis offered to make a presentation to the CAB on waste minimization and pollution  
4 control programs for the Board.

5 Dr. Campbell announced that the next Groundwater Forum planning meeting has been  
6 scheduled for February 7, 2006.

7 Ms. Dewart agreed to provide the CAB with a copy of LANL's PowerPoint Presentation on  
8 Groundwater Issues at LANL as soon as the presentation was issued an LA-UR number.

9 The next regular bi-monthly meeting of the NNM CAB has been scheduled for March 29, 2006  
10 from 2:00 to 8:30 p.m. The meeting will be held at the Santa Fe Community College, Jemez  
11 Complex, Santa Fe, New Mexico. The agenda for Board meetings can be viewed on the CAB's  
12 website at the following address: <http://www.wnnmcab.org>.

13 Mr. Timm made a motion to adjourn the meeting. Mr. Church seconded the motion. The CAB  
14 meeting adjourned at 8:30 p.m.

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16 **Respectfully submitted,**

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20  
21 **J. D. Campbell, Ph.D., P.E.**  
22 **Chair, NNM CAB**

23  
24 **Minutes prepared by: Lorelei Novak, NNM CAB Technical Writer/Community Outreach**  
25 **Specialist**

26  
27 **Appendix:**

- 28 1. Resolution No. 2006-01RS.  
29 2. Comments submitted by Mr. Janis regarding Resolution 2006-01RS.  
30 3. Draft Recommendations: 2006-01, 2006-02, 2006-03, 2006-04.  
31 4. LANL PowerPoint Presentation on Groundwater Issues at LANL, Jean Dewart, LANL.  
32 5. 1-25-06 NNM CAB Meeting Attendance Sign-in Sheets.  
33 6. Report From Executive Director, Menice B. Santistevan.  
34 7. Report from J. D. Campbell, Chair, NNM CAB.  
35 8. 11-30-05 NNM CAB Meeting Minutes.  
36 9. 1-25-06 NNM CAB Meeting Audiotapes.

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38  
39 **Public Notice:**

- 40 **▪ All NNM CAB meetings are recorded in accordance with the Federal Advisory Committee**  
41 **Act. Audiotapes are available for public review at the NNM CAB office in Santa Fe, New**  
42 **Mexico.**  
43 **▪ Reference documents listed in the Appendix section of these minutes are available for**  
44 **review at the CAB office in Santa Fe.**

45 **For more information regarding audio transcription or any information referenced to or**  
46 **contained herein these minutes, please call the CAB office at (505)-989-1662.**