

Northern New Mexico Citizens' Advisory Board Meeting



March 15, 2023
1:00 p.m. to 5:00 p.m.
Hybrid Meeting

Minutes

Meeting Attendees

Department of Energy

1. Michael Mikolanis, Manager, Environmental Management Los Alamos
2. Lee Bishop, Deputy Designated Federal Officer, Environmental Management Los Alamos
3. Cheryl Rodriguez, Environmental Management Los Alamos
4. Jesse Kahler, Environmental Management Los Alamos
5. Allison Scott Majure, Environmental Management Los Alamos
6. Miquela Vargas, Environmental Management Los Alamos
7. Robert Reine, Environmental Management Los Alamos

NNMCAB Members

1. Cherylin Atcitty, Chair
2. Elena Fernandez, Vice-Chair
3. Stuart Barger
4. Melissa Casias
5. Sterling Grogan
6. Mark Hayden
7. Martinez Hewlett
8. Anne Laurent
9. Manuel L'Esperance
10. Roger Life
11. Stephen McLaughlin
12. James Murphy
13. Patricio Pacheco
14. Rafaela Sanchez
15. Miguel Vigil

NNMCAB Absences

1. Beverly Martin
2. Joseph Villegas

NNMCAB Staff

1. Menice Santistevan, Executive Director
2. Bridget Maestas, Executive Assistant

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Guests

1. Sarah Chandler, Environmental Management Los Alamos
2. Stephanie Gallagher, Environmental Management Los Alamos
3. Amanda Audette, N3B
4. Patricia Wald-Hopkins, N3B
5. Erich Evered, N3B
6. Jeff Holland, N3B
7. Bradley Smith, N3B
8. Siona Briley, New Mexico Environment Department
9. Don Hawkins, TetraTech
10. David Abelson, N3B
11. Rick Shean, New Mexico Environment Department
12. Jennifer Green, Los Alamos National Laboratory
13. Peter Dillon, TetraTech
14. Kelsey Shank, theEDGE
15. John Gonsky, TetraTech
16. Karen Jackson, Los Alamos National Laboratory
17. Luciana Vigil-Holterman, Los Alamos National Laboratory
18. Joe Ritchey, Environmental Management Los Alamos
19. Ruben Rangel, Environmental Management Los Alamos
20. Matthew Segura, Los Alamos National Laboratory
21. Catherine Juarez, Los Alamos National Laboratory
22. Tanya Trujillo-Salazar, Environmental Management Los Alamos
23. Ricardo Maestas, New Mexico Environment Department
24. Judith, Public
25. Rita Cabral, Industrial Economics, Incorporated
26. Caitlin Martinez, New Mexico Environment Department
27. Justin Ball, New Mexico Environment Department
28. Kristen Van Horn, Los Alamos National Laboratory
29. Wayne Barber, Exchange/Monitor Publications
30. Jocelyn Buckley, Los Alamos National Laboratory
31. Kristin Henderson, N3B
32. Jennifer Green, Los Alamos National Laboratory
33. Timothy Goering, Los Alamos National Laboratory
34. Angela Martinez, Los Alamos National Laboratory
35. Scott Kovac, Nuclear Watch New Mexico
36. Troy Thomson, N3B
37. Jayson Romero, Cochiti Pueblo
38. Jeff Walterscheid, Los Alamos National Laboratory
39. Peter Dillon, TetraTech
40. Neelam Dhawan, New Mexico Environment Department

- 1 41. Maggie Hart Stebbins, Office of Natural Resources Trustee
- 2 42. Maire O’Neil, Los Alamos Reporter
- 3 43. Matt Fesko, N3B
- 4 44. Christian Maupin, N3B
- 5 45. Chelsi Frasure, Environmental Management Los Alamos
- 6 46. Christopher Lewis, Industrial Economics, Incorporated
- 7 47. Brian Lacona, Los Alamos National Laboratory
- 8 48. John S. Rhoderick, New Mexico Environment Department
- 9 49. Mitchell Schatz, New Mexico Environment Department
- 10 50. Kate Girard, Office of Natural Resources Trustee
- 11 51. Bradley Smith, N3B
- 12 52. David Dail, Los Alamos National Laboratory
- 13 53. John Tauxe, Tauxian Solutions, LLC
- 14 54. David K., Public

15 ***The written minutes are intended as a synopsis of the meeting.**

1 **Minutes**

2 **I. Call to Order**

3 The meeting of the Northern New Mexico Citizens' Advisory Board (NNMCAB) was held on
4 March 15, 2023, in a hybrid format. Mr. Lee Bishop, Deputy Designated Federal Officer
5 (DDFO) stated that on behalf of the Department of Energy (DOE) the meeting of the
6 NNMCAB was called to order at 1:04 p.m.

7 Mr. Bishop recognized Ms. Cherylin Atcitty, the NNMCAB Chair. Ms. Atcitty presided at the
8 meeting.

9 The meeting of the NNMCAB posted in The Federal Register in accordance with the Federal
10 Advisory Committee Act.

11 **II. Welcome and Introductions**

12 Mr. Bishop welcomed everyone to the meeting and gave a brief safety note on the building
13 exits. Mr. Bishop turned the meeting over to Ms. Atcitty.

14 Ms. Atcitty welcomed everyone to the March Board Meeting in Santa Fe. She welcomed the
15 new members Stephen McLaughlin and Joseph Villegas. She asked Mr. McLaughlin to give
16 an introduction.
17

18 Ms. Atcitty asked the members in the room and online to introduce themselves.

19 **III. Establishment of a Quorum (Roll Call)**

20 Ms. Menice Santistevan conducted roll call for board members and guests on WebEx. At the
21 call to order, 14 NNMCAB members were present or online. Ms. Santistevan stated that the
22 meeting was being recorded to produce the minutes of the meeting.
23

24 **IV. Approval of Agenda**

25 The board reviewed the agenda for the March 15, 2023, meeting. Ms. Atcitty opened the
26 floor to entertain a motion to approve the agenda as presented.

27 Mr. Sterling Grogan made a motion to approve the agenda; Mr. Stuart Barger seconded the
28 motion. The motion to approve the agenda as presented passed.
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30 **V. Approval of Minutes**

31 The board reviewed the minutes from the November 15, 2022, Board Meeting. Ms. Atcitty
32 opened the floor to entertain a motion.
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34 Mr. Stuart Barger made a motion to approve the minutes as presented; Mr. Mark Hayden
35 seconded the motion. Ms. Atcitty opened the floor for discussion.

36 With no further discussion, the motion to approve the minutes passed.

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2 **VI. Old Business**

3 **a. Update from Chair/Vice-Chair, and Subcommittee Chairs**

4 Ms. Atcitty, NNM CAB Chair – Ms. Atcitty stated that she and Mr. Hayden would be
5 attending the EM SSAB Chairs Meeting in Washington, D.C. the following week. She
6 noted that they would give an update on what has occurred the past half of a year with
7 the NNM CAB and will hear about what is happening with the other advisory boards. Ms.
8 Atcitty stated that the next EM SSAB Meeting would be in the Fall in Oak Ridge and at
9 that time a new Chair for the NNM CAB would be elected.

10 Ms. Fernandez, NNM CAB Vice-Chair – No update.

11 **Public Outreach Subcommittee**

12 Ms. Elena Fernandez stated that the subcommittee met on February 15th, and they held
13 elections for officers. Ms. Fernandez was elected as the Chair and Ms. Atcitty was
14 elected as the Vice-Chair. Ms. Fernandez stated that a new website for the NNM CAB is
15 being developed. Ms. Fernandez also stated that this meeting would be broadcasted
16 and captured on YouTube.

17 **Risk Evaluation & Management Subcommittee**

18 Ms. Elena Fernandez stated that the Risk Evaluation and Management Subcommittee
19 meets regularly, and they look forward to the vote on the draft recommendation the
20 subcommittee has put forward.

21 **Consent Order Subcommittee**

22 Mr. Mark Hayden stated that the subcommittee met and discussed several items. He
23 noted that one item was brought up at the last general meeting about the risk
24 assessment tool. He stated that they would like to know more about what is being used
25 by EM-LA and how they are using it. Mr. Hayden stated that there was some dispute
26 with the Environment Department on which tool was correct or more accurate and
27 there were some cost factors involved. Mr. Hayden asked if they could get an overview
28 of the Consent Order because it is a lot of reading material and piecing it together is an
29 art form. He stated that they would also like an update on the Chromium Plume. Mr.
30 Hayden also stated that they would like to have the recommendation they put forward
31 approved at this meeting.

32
33 **VII. New Business**

34 **a. Consideration and Action on Draft Recommendation 2023-01, “Clean Up Milestones,
35 Targets, and Goals Under the Consent Order”**

36 Mr. Hayden gave a summary of the recommendation. Ms. Atcitty opened the floor to
37 entertain a motion.

38 Mr. Stuart Barger made a motion to approve Draft Recommendation 2023-01, Mr.
39 Sterling Grogan seconded the motion. The motion to approve Draft Recommendation
40 2023-01 passed.

1 **b. Consideration and Action on Draft Recommendation 2023-02, “Chromium Plume Final**
2 **Remedy and Concurrent Enhanced Monitoring for Plume Nature and Extent”**

3 Ms. Fernandez gave a summary of the recommendation. Ms. Atcitty opened the floor to
4 entertain a motion.

5 Mr. Mark Hayden made a motion to approve Draft Recommendation 2023-02, Mr.
6 Stuart Barger seconded the motion. The motion to approve Draft Recommendation
7 2023-02 passed.

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9 **VIII. Update from EM Los Alamos Field Office**

10 Mr. Mikolanis stated that he would be covering three topics, Chromium Interim Measure,
11 Justice40 Pilot, and Strategic Vision.

12 **Chromium Interim Measure** – Mr. Mikolanis stated that NMED and DOE have differing
13 professional opinions about the Chromium Interim Measure Operations and the effect they
14 are having on the aquifer. He noted that he will not speak for the regulator, however he is
15 confident that in discussions, both agencies have a primary interest in protecting the health
16 of the environment as well as the natural resources of the Pueblo of San Ildefonso. In
17 November and December, DOE received two separate regulatory directions from the New
18 Mexico Environment Department. In November they received e-mail direction from a
19 supervisor in the Hazardous Waste Bureau that directed EM-LA to leave certain injection
20 wells (3 of them) and certain extraction wells (3 of them) offline, which were already offline
21 for corrective maintenance. EM-LA was directed not to re-start those wells until further
22 notice. NMED Hazardous Waste Bureau has not provided specific conditions for resuming
23 operation of the wells but as just heard, Mr. Shean does not expect them to be a long-term
24 situation. EM-LA do not have an end state they are driving to for that regulatory piece of
25 direction. Mr. Mikolanis stated that on December 12th they received a letter from NMED’s
26 Groundwater Quality Bureau’s response to the Notice of Violation. The Notice of Violation
27 requested an Action Plan. The State reviewed it and agreed to the Action Plan. The State
28 also added a stipulation or direction that EM-LA completes the Action Plan and
29 demonstrates to the State’s satisfaction through calculation, modeling, qualitative
30 discussions that the operation of the Interim Measure will not have adverse impacts on the
31 aquifer, or they will have to cease injection by April 1st. The Action Plan that was submitted
32 included drilling a new well which could not be completed by April 1st. Regarding these two
33 pieces of regulatory direction, EM-LA is concerned that there may be significant adverse
34 effects over time to the Chromium Plume if the injection wells remain offline and that the
35 plume will head back to the Pueblo of San Ildefonso and continue migrating eastward.

36 **Justice40 Initiative** – EM-LA was selected as one of five pilot programs within the DOE. EM-
37 LA launched into a set of engagements and listening sessions in January 2022 and they are
38 continuing with those sessions. The office of management and budget deliverables, part of
39 the Justice40 was to complete some work and give them deliverables which was complete
40 at the end of 2021. EM-LA continues to engage in the listening sessions and talk to people
41 about what Environmental Justice is and what are some of the opportunities they are
42 thinking of. One area they approached differently is the Los Alamos Pueblos Project
43 agreements with the Four Accord Pueblos. Through meeting with their Pueblo leaders and
44 environmental resource departments they learned that there are opportunities under the
45 current grant to build capacity at the Pueblos for mor environmental sampling and

1 monitoring. They also learned that the Four Accord Pueblos could use more support for
2 their participation as Trustees in the Natural Resource Damage Assessment Process. EM-LA
3 is exploring those opportunities with the Four Accord Pueblos and have revised their
4 cooperative agreement to address some of those needs. EM-LA is also supporting a new
5 initiative with the University of New Mexico Taos Hub of Internet Based Education called the
6 Taos Hive for workforce development in Northern New Mexico through coaching and
7 mentorship for digital jobs in historically underserved communities. EM-LA is also working
8 with the Santa Fe Indian School to help support the schools building and launch of the
9 community studies institute for graduate cohorts.

10 **Strategic Vision** – EM-LA has had a number of phase 1 and phase 2 engagements and Mr.
11 Mikolanis has been in almost all of them and in his perspective, it is going really well. He
12 noted that they are getting a lot of great feedback in the phase 2 sessions. They will
13 continue to collect information, process it and begin building a strategic vision outlet in
14 phase 3. Longenecker & Associates have been successful so far in reaching out to a broad
15 set of groups to get the engagement. They are working hard to engage with organizations in
16 Rio Arriba County.

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18 **IX. Public Comment Period**

19 Ms. Atcitty opened the floor for public comment at 2:46 p.m.

20 Mr. Scott Kovac, Nuclear Watch New Mexico, asked if the meeting was open to the public in
21 person. Mr. Bishop stated that the meeting was still in hybrid format. Mr. Kovac thanked
22 Mr. Mikolanis and Mr. Shean for their discussions in trying to clear up this pump and treat
23 and injection issue. Mr. Kovac stated that he thinks we need to try to be a little bit more
24 steadfast in oversight of the contractor. He thanked Ms. Fernandez and Mr. Hayden for their
25 work on the recommendations. He stated, “Is there another remedy option other than
26 pump and treat that we could look at here? I don’t think so, I think it has always been that
27 the final remedy would be pump and treat.” He noted that it has been 20 years since the
28 plume was discovered and it seems that 20 years later, they still don’t have the boundary of
29 the plume. He stated that, if they are heading towards pump and treat and it isn’t good to
30 inject treated water into the plume maybe they should have spent more time looking for
31 the boundary of the plume. Mr. Kovac stated that they estimate 160,000 pounds of
32 Chromium were placed into upper Sandia Canyon and some portion of that has made its way
33 down to the area of the plume. He thinks that the time that has gone by makes it harder to
34 realize what to do. He thinks that they should know the plume boundary by now.

35 Mr. John Tauxe, Environmental Engineer and Rad Waste person in Los Alamos. He is curious
36 if NMED is able to provide an update to the NNMCAB and the public on the status of the 33
37 TRU Waste shafts at MDA G and what the plan is to deal with those. One of them has mixed
38 TRU waste in it and he imagines the State would have input on that one. He is curious if an
39 update could be provided briefly now or in a future NNMCAB meeting on the path forward
40 for the 33 TRU Waste shafts.

41 Ms. Atcitty stated that they would take it under advisement.

42 With no further public comment, Ms. Atcitty closed public comment at 2:52 p.m.

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2 **X. Update and Look Ahead from N3B**

3 Mr. Bradley Smith stated that he is the current Acting Executive Officer for N3B. He noted
4 that Mr. Joe Legare is now with Newport News working corporately and he has been asked
5 to step into his chair. Mr. Smith stated that N3B continues to achieve DOE's goals for
6 cleanup programs. They April 29, 2023, will mark N3B's 5th year of work at Los Alamos as the
7 cleanup contractor. N3B was recently notified that DOE will exercise the first option period
8 under their contract which is a three-year agreement which will take them to April 2026.
9 Mr. Smith stated that they have three primary overlapping areas as follows:

10 Protecting Water Quality – Includes both surface and groundwater. Its goal is to meet
11 applicable standards and ensure water supplies remain protective of human environmental
12 health. Drinking water supplies in the Rio Grande remain protected. N3B has completed
13 Well R-76 well pad and are mobilizing the R-77 pad location and pad construction. They are
14 currently supporting EM-LA with the discussions with NMED. Stormwater monitoring under
15 the permit, the public comment period for the Individual Permit Sampling Implementation
16 Plan concluded on February 18, 2023. EM-LA and N3B have 45 days to respond to comments
17 and to submit the Sampling Implementation Plan to the EPA.

18 Cleaning Up the Land – Includes remediating surface soils and it comes under the Aggregate
19 Area Program and ensures long term protection of former waste disposal sites which were
20 known as Material Disposal Areas (MDAs). They continue to remove contamination thereby
21 protecting water quality and human ecological receptors while planning remedies at the
22 MDAs. He noted that at MDA H they are emphasizing the proposed cleanup plan or
23 Corrective Measures Evaluation (CME) under the 2016 Consent Order. That will be
24 submitted to NMED no later than September 30, 2023. MDA H is a small site, approximately
25 three tenths of an acre but presents challenges due to the high explosives contained therein
26 and the waste may also be sensitive to various elements including sparks, friction, physical
27 impact, air, and moisture. He noted that they would like to hear from the NNMCAB as they
28 develop the CME allowing the NNMCAB's values and priorities to be considered. The public
29 meetings will include the NNMCAB with a briefing in April as well as the Environmental
30 Management Cleanup Forum scheduled for April 12, 2023. They have completed the vapor
31 sampling at MDA L. They will soon issue the vapor sampling and soil vapor extraction report.
32 Middle DP Road, they have shipped 216 of 331 waste containers, they will continue
33 excavating and performing the extent of conditions sampling and shipping waste off site. As
34 part of their extended condition sampling, they have found Lead and Arsenic and will
35 continue to characterize the rest of the site. Aggregate Areas, the program continues to
36 achieve the goals. Two Mile Canyon Aggregate Area, they have completed the investigative
37 sampling for 17 out of the 61 sites with 965 of the 2,518 planned samples collected to date.
38 Lower Water Aggregate Area, NMED has approved their responses to their comments on
39 the Investigation Report and no further field work is required. Starmer/Upper Pajarito
40 Aggregate Area, through February 15th of this year, 386 samples have been collected and
41 the sampling collection is approximately 11% complete.

42 Shipping Waste Off Site – N3B packages and ships waste off site contaminated soils and
43 waste that includes TRU waste to ship but also low level and mixed low-level waste to
44 private disposal sites that they have contracts with. N3B is exceeding EM-LA's goals while
45 expanding TRU Waste remediation efforts at both corrugated metal pipes drill and drain
46 successes in FY 2023. Through March 5th of this year, they have had 211 shipments totaling

1 2,400 cubic meters approximately equivalent to 11, 543 55-gallon drums. TRU Waste
2 shipments to WIPP, N3B has a goal of 40 shipments this year, a 33% increase from the FY
3 2022 goals. From contract start they have 142 shipments and thus far through March 5th
4 they have 36 of the 40 shipments complete which totals approximately 68 cubic meters of
5 waste. They continue to ship low level and mixed low-level waste. Through March 5th they
6 have 168 shipments totaling approximately 2260 cubic meters or equivalent to 10, 875 55-
7 gallon drums. Most of this waste is from the Aggregate Area and Middle DP Road. Glovebag
8 Drill and Drain, N3B has been using new processing lines. They are using drill and drain but
9 they are going to shift to glovebag. Their original assumption was with drill and drain they
10 could get approximately 2 drums per day through the line however, they found through the
11 characterization some increased liquids and in order to meet the Waste Isolation Pilot Plant
12 (WIPP) Waste Acceptance Criteria (WAC) they have to ensure that the liquid is removed.
13 They are developing a shaker table to drain the liquid out of the containers. While they are
14 installing that, they are going to go to the glovebag processing. Corrugated Metal Pipes
15 (CMP) at TA-54, there are 158 of these CMPs containing cemented radioactive liquid waste.
16 The project is retrieving the CMPs, size reduction using a shear, then place them in standard
17 waste boxes for shipment to WIPP or a low-level waste repository depending on what waste
18 they find.

19 Currently N3B is in a stop work action as of last Saturday. On March 9th EM-LA identified
20 completed actions for correct safety issues from a January 25th stop work that they did not
21 comply with OSHA Standards therefore their current stop work is based on additional
22 questions from EM-LA regarding compliance with the OSHA requirements and appropriate
23 engineering standards focusing on the slope angles of the pit where the CMPs themselves
24 are located.

25 EM-LA and NMED are hosting a Consent Order Public Meeting on March 29th to review FY
26 2023 milestones and targets. Ms. Santistevan will send the information out to the Board
27 Members.

28 The Environmental Management Cleanup Forum is scheduled for April 12th from 5:30 to
29 7:30 p.m. at the Santa Fe Convention Center and it will also be a hybrid meeting.

30

31 **XI. Update from New Mexico Environment Department**

32 Mr. Rick Shean gave the update for NMED.

33 Over the course of several meetings between DOE and NMED over the last few months,
34 they have a final FY 2023 Appendices A, B and C for the Consent Order. They were finalized
35 and submitted on February 21, 2023. Tasks identified were 14 milestones in Appendix A and
36 22 targets for 2024 and 13 targets for 2025. The drilling issues with R-73 have had an impact
37 on the schedule of milestones and targets associated with the Chromium Interim Measure
38 Campaign. NMED is hoping DOE will be able to catch up next year on the drilling of these
39 wells. The updated appendices are posted on the NMED website. As mentioned earlier, on
40 March 29th NMED will host a public meeting where DOE will present its FY 2022
41 accomplishments and FY 2023 milestones from 5:30 p.m. to 7:00 at the Cities of Gold Hotel
42 in persona and hybrid. Mr. Shean encouraged all the NNM CAB members to attend as they
43 can. He noted that for more information please see the public meeting notice on the NMED
44 Website.

1 Groundwater – because of the R-73 drilling issues, the well will be plugged and abandoned.
2 Doe is hiring new drillers to plug and abandon the well. The Chromium Interim Measures
3 and characterization Work Plans are currently under review. February 23, 2023, NMED and
4 LANL have met for a pre-submittal meeting for the Interim Facility Wide Groundwater
5 Monitoring Plan for Year 2024. NMED has approved it with modifications, a drilling work plan.
6 R-25, an old Westbay Well with multiple screens has finally been plugged and abandoned
7 and NMED is waiting for the final P&A Report. NMED has also reviewed a periodic
8 monitoring report for the base flow monitoring for the sites MDA B, ab, TA-21, TA-16, and
9 the 260 monitoring groups.

10 Middle DP Road – DOE is still conducting the field investigation and collecting the
11 confirmatory samples and they are just waiting for the completion of the field work and the
12 submission of the final report.

13 MDA C Corrective Measures Evaluation – On March 7th DOE submitted a notification to
14 NMED stating that they were going to defer the CME for MDA C to use the MDA C site as a
15 lay down yard for National Security Operations. NMED responded on March 10th with a
16 denial on this request. NMED does not see it as fitting the definition of a deferred site under
17 the Consent Order.

18 **Permit Related LANL Activities** – A renewal application was submitted in 2020. NMED has
19 sent two administratively incomplete determinations to the Department of Energy. They
20 have met several times to resolve comments and are currently waiting for DOE to submit a
21 revised application that includes an additional storage unit. DOE has submitted a Class 2
22 permit mod for the addition of new hazardous waste management unit at TA-60 on March
23 13th and NMED is currently reviewing the request. NMED will host a public meeting on April
24 19th to go over this. For more information look at the NMED website.

25 **WIPP Update** – Regarding the WIPP permit renewal application, NMED has approved a 60-
26 day comment period extension request and the new deadline is now 5:00 p.m. on April 19,
27 2023. Negotiations are planned for the July timeframe and the public hearing is currently
28 planned for September of this Year. SIMCO is the new co-permittee at WIPP. NMED
29 approved a permit modification on January 30th for the change in the operations control
30 from the Nuclear Waste Partnership to the Saledo Isolation Mining Contractor or SIMCO.

31 **Shipments Update (January 1 through March 13, 2023)** -Total number of shipments is 78.
32 They have received 57 from Idaho National Laboratory, 12 from LANL, 4 Oak Ridge National
33 Laboratory, and 5 from Savannah River Site.

34 **XII. Presentation**

35
36 Mr. Erich Evered, N3B, presented on, “What does “Risk” Mean in Environmental
37 Remediation?” An electronic copy of the presentation may be obtained from the NNMCAB
38 Staff (menice.santistevan@em.doe.gov or bridget.maestas@em.doe.gov or by calling (505)
39 500-5537.

40 **XIII. Presentation**

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42 Ms. Patricia Wald-Hopkins, N3B, presented on, “Overview of Environmental Risk
43 Assessment” An electronic copy of the presentation may be obtained from the NNMCAB

1 Staff (menice.santistevan@em.doe.gov or bridget.maestas@em.doe.gov or by calling (505)
2 500-5537.

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4 **XIV. Update from DDFO**

5 Mr. Bishop stated that Ms. Santistevan sent out the Appendix B spreadsheet. The public
6 meeting for the Consent Order will be held March 29th at the Cities of Gold and will be
7 broadcast as a hybrid meeting.

8 Mr. Bishop stated that there is an Electronic Public Reading Room (EPRR) and every time EM
9 publishes a document and sends it to the State, it is also uploaded to the EPRR. Mr. Bishop
10 asked for the members to let Ms. Maestas know if they would like to have their email added
11 to the EPRR for the notifications.

12 Mr. Bishop stated that the NNM CAB will be touring WIPP in the Fall and asked the members
13 to let the NNM CAB Staff know if they will be attending the 2-day trip to Carlsbad.

14 Mr. Bishop stated that we would hold a full Board Meeting on April 19th to replace the
15 January meeting that was cancelled due to weather. The topic for that meeting will be the
16 MDAs.

17 Mr. Bishop asked Ms. Maestas to give an update on the NNM CAB Website. Ms. Maestas
18 stated that there are two staff members from S&K that are going to be rebuilding a new
19 webpage for the NNM CAB. The staff is working on a scoping plan to submit for approval and
20 the deadline for the completion of the website is the end of August.

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22 **XV. Wrap-up Discussion and Questions**

23 Mr. Hayden stated that the Consent Order Committee discussed different presentations and
24 the list was forwarded to Mr. Bishop and Ms. Santistevan. The list is as follows:

- 25 • Concise overview of the Consent Order
- 26 • Chromium Plume updates
- 27 • Appendix A, B and C
- 28 • Overview of the WIPP which is already scheduled.
- 29 • Formality of how do we move to have more oversight of the TRU Waste shipments
30 to WIPP from LANL as part of the NNM CAB

31 Mr. Pacheco had a couple of recommendations following up to environmental remediation
32 and risk assessment and being an active member of the community farming, fishing, and
33 hunting. He would like a follow up on some of the flora fauna issues that some of the older
34 NNM CAB members may know from about two or three years ago when there was a subject
35 come up about eating anything that is grown up on the hill. Mr. Pacheco asked if there is
36 any further research on that and on any animals and if it has been taken into consideration.
37 Mr. Pacheco also asked about some of the soil chemistries and him doing a pre- and post-
38 fire assessment during his graduate studies specifically on groundwater hydrology and soils,
39 he is curious about what the metals look like pre- and post- fire assessment in Los Alamos.

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XVI. Adjournment

Mr. Bishop thanked everyone for attending the meeting and asked everyone to travel safely home.

With no additional business to discuss, Mr. Bishop adjourned the meeting at 4:59 p.m.

Respectfully Submitted,

Ms. Cherylin Atcitty, Chair, NNM CAB

***Minutes prepared by Bridget Maestas, Executive Assistant, NNM CAB**

Attachments

1. Final NNM CAB Meeting Agenda for 03/15/2023
2. Final NNM CAB Meeting Minutes for 11/15/2023
3. NNM CAB Draft Recommendation 2023-01, “Clean Up Milestones, Targets, and Goals Under the Consent Order”
4. NNM CAB Draft Recommendation 2023-02, “Chromium Plume Final Remedy and Concurrent Enhanced Monitoring for Plume Nature and Extent”
5. Biography, Erich Evered, N3B
6. Biography, Patricia Wald-Hopkins, N3B
7. Presentation by Erich Evered and Patricia Wald-Hopkins, “Overview of Environmental Risk Assessment”

Public Notice:

***All NNM CAB meetings are recorded. Audio files will be placed on file for review at the NNM CAB office, 94 Cities of Gold Road, Santa Fe, New Mexico, 87506. The written minutes are intended as a synopsis of the meeting.**