



Nevada Site Specific Advisory Board

January 17, 2018

Ms. Kelly Snyder
Deputy Designated Federal Officer
U.S. Department of Energy, EM Nevada Program
P. O. Box 98518
Las Vegas, NV 89193-8518

SUBJECT: Recommendation for Approval of Community Analysis Plan (Work Plan Item #7)

Dear Ms. Snyder,

The Nevada Site Specific Advisory Board (NSSAB) was asked to provide a recommendation, from a community perspective, to the U.S. Department of Energy for how the Environmental Management (EM) Nevada Program could shape its outreach based on feedback from communities surrounding the Nevada National Security Site.

In support of this work plan, you provided a briefing to the NSSAB at its November 8, 2017, Full Board meeting, explaining the current outreach conducted by the EM Nevada Program and an outline of what information the EM Nevada Program hopes to gain through the NSSAB. As a result, a Community Analysis Committee, an ad hoc committee of the NSSAB, was established to address this work plan item.

The Community Analysis Committee met both in November 2017 and January 2018 to develop a Community Analysis Plan that includes a template for a community outreach letter and a questionnaire. This Plan was presented by Committee Chair, Richard Stephans, at the January 17, 2018, NSSAB meeting and was passed unanimously by the Full Board.

The NSSAB appreciates the briefing provided by you at the November meeting and looks forward to EM Nevada Program's decision on approval on the enclosed Community Analysis Plan in order to authorize its implementation.

Sincerely,

Steven Rosenbaum, Chair

Enclosure: As stated

cc: D. A. Borak, DOE/HQ (EM-3.2)
M. R. Hudson, DOE/HQ (EM-3.2)
B. K. Ulmer, Navarro
NSSAB Members and Liaisons
R. F. Boehlecke, EM Nevada Program
C. E. Hampton, EM Nevada Program
NFO Read File

Members

Amina Anderson
Arcadio Bolanos
Frank Bonesteel (Vice-Chair)
Michael D'Alessio
Karen Eastman
Pennie Edmond
Raymond Elgin
Charles Fullen
Richard Gardner
Donald Neill
Autumn Pietras
Edward Rosemark
Steve Rosenbaum (Chair)
William Sears
Cecilia Flores Snyder
Richard Stephans
Jack Sybolt
Richard Twiddy
Dina Williamson-Erdag

Liaisons

Clark County
Consolidated Group of Tribes and Organizations
Esmeralda County Commission
Lincoln County Commission
Nye County Commission
Nye County Emergency Management
Nye County Nuclear Waste Repository Project Office
State of Nevada Division of Environmental Protection
U.S. National Park Service
White Pine County Commission

Administration

Barbara Ulmer, Administrator
Navarro
Kelly Snyder, DDFO
U.S. Department of Energy,
EM Nevada Program

Community Analysis Committee Plan for Work Plan #7

Introduction and Background – The Community Analysis Committee within the NSSAB was formed during the November 2017 meeting, has met on November 29 and January 8 to discuss the EM desires for community outreach and input in order to better perform their communication responsibilities. The Committee is subordinate to the NSSAB and is made-up of Board members and others who represent communities nearby the NNSS.

Work Plan #7

Requirement – From a community perspective, develop a plan for gathering information from fellow community members regarding their EM interests and to gauge their level of concern regarding EM activities. The requirement is also to provide a recommendation for how the EM NV Program could shape its outreach based on the results of the community feedback.

Plan – For each of the communities, the designated representatives (Community Analysis Committee members) will:

- Contribute to the plan development to include a letter and/or other form of communication to the community, survey, and implementation methodology.
- Advertise the outreach effort.
- Conduct 1-on-1 interviews.
- Issue and collect communication surveys.
- Compile data.
- Report to the committee.

The committee will then provide a report with the results and recommendation(s) to the NSSAB Board and to the EM NV Program.

Schedule

Presentation to the Board in January

Submittal to EM NV Program in January

Approval by EM NV Program by Mid-February

Implementation

- Letter to community February - March
- 1-on-1 meetings (respondents and others to include Fire Chief, CofC, Rotary, others) March - May
- Complete Surveys May -June (Note: SurveyMonkey will be available as an online option to the 1-on-1 sessions)
- Compile in June
- Report to Full Board and EM in July

Attachments

1. Community Outreach letter example
2. Survey
3. Compilation Form
4. Procedure

Attachment 1 Outreach Letter Example

To Editor, Boulder Review

Community Opinions about Test Site Environmental Matters

As a member of the community advisory board to the Department of Energy's Environmental Management office at the former Nevada Test Site, I've been asked to seek opinions from Boulder City residents related to the environmental clean-up activities at the test site, now known as the Nevada National Security Site. The collected opinions will help the EM office understand the level of interest and any concerns that nearby residents have and guide the office in making their decisions. In order to gather inputs and answer your questions, during the next 3 weeks, on Tuesdays, I'll be at the Boulder City Library on Adams from 4-5:30pm. Please stop by so we can discuss any concerns or suggestions. Alternatively, contact me at rstephans@aol.com.

Dick Stephans

Attachment 2 Survey

Environmental Management (EM) Survey/Questionnaire (2018)

Introduction: Please enter your responses to the questions after reviewing the various missions of the Department of Energy's Environmental Management (EM) at the Nevada National Security Site (NNSS), formerly known as the Nevada Test Site. Provide your response back to the volunteer interviewer. The questionnaire will be used to improve community outreach activities.

EM Mission: For almost 30 years, the Department of Energy has been identifying and addressing areas impacted by historical nuclear research, development, and testing at the Nevada National Security Site.

- **Industrial facilities** – inactive facilities on the NNSS that are contaminated as a result of activities conducted in support of nuclear testing. Of the 1,970 contaminated facilities, all but 12 have been formally remediated and obtained State of Nevada closure approval.
- **Soil contamination** – surface and shallow subsurface soils were contaminated by historical testing activities on the NNSS and adjacent U.S. Air Force land. Of the 148 contaminated locations, all but 9 have been formally remediated and obtained State of Nevada closure approval.
- **Groundwater** – study groundwater and conduct analysis at the Nevada National Security Site in order to understand the effects of historic underground nuclear testing. Current research shows contaminated groundwater will not reach public water supplies. The public water supply is safe from the impacts of historic underground nuclear testing.
- **Radioactive waste transportation and disposal** - The low-level radioactive waste disposed at the NNSS is generated by cleanup activities at the NNSS and other U.S. Department of Energy and U.S. Department of Defense sites across the country. Examples of this waste include contaminated construction debris, scrap metal, soil, and equipment. Some of this waste includes hazardous materials. Waste is systematically disposed in engineered cells excavated to various depths. Continuous monitoring of air, groundwater, and soil is performed.

For additional information on EM activities at the NNSS, please visit the website at

<http://www.nnss.gov/pages/programs/em/Environmental.html>

**Are you aware of both the historic and contemporary activities at the Nevada National Security Site?
If so, please explain.**

Please check your level of Interest in the community receiving more information about the following topics:

1. Industrial facilities at the NNSS

	1	2	3	4	5	
Not Interested	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Interested

2. Soil Contamination at NNSS

Not Interested	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Interested
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3. Contaminated Groundwater Movement on the NNSS

Not Interested	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Interested
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4. Contaminated Groundwater Movement off the NNSS

Not Interested	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Interested
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5. Radioactive waste disposal at NNSS

Not Interested	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Interested
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6. Radioactive waste transportation to NNSS

Not Interested	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Interested
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7. Historic/cultural preservation on the NNSS

Not Interested	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Interested
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8. Public outreach and involvement by the Environmental Management (EM) program

Not Interested	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Interested
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Please provide any added comments below, such as, what needs to be told to the public, list any suggestions about the best methods of communication, etc.

Demographic Information (optional)

What local community do you live in/closest to? _____

Are you currently a UNLV, CSN, Nevada State, or other college student?

- Yes
- No

Age: What is your age?

- Under 17 years old
- 18-30 years old
- 31-45 years old
- 45-60 years old
- 60-74 years old
- 75 years or older

Gender: What gender do you identify with?

- Male
- Female
- Other

Race/Ethnicity: Ethnic origin (or Race): Please specify your ethnicity.

- White / Caucasian
- Hispanic or Latino
- Black or African American
- Native American or American Indian
- Asian / Pacific Islander
- Multiple
- Other_____

Attachment 3 Compilation Form

Community Survey Consolidation and Results (1/2/2018)

Number of Responders: _____ **Community:** _____

Interest Responses:	1	2	3	4	5
Industrial facilities	()	()	()	()	()
Soil Contamination	()	()	()	()	()
Groundwater on	()	()	()	()	()
Groundwater off	()	()	()	()	()
RW Disposal	()	()	()	()	()
RW Transportation	()	()	()	()	()
Preservation	()	()	()	()	()
Public Outreach	<u>()</u>	<u>()</u>	<u>()</u>	<u>()</u>	<u>()</u>

Totals

Concern Responses:	1	2	3	4	5
Industrial facilities	()	()	()	()	()
Soil Contamination	()	()	()	()	()
Groundwater on	()	()	()	()	()
Groundwater off	()	()	()	()	()
RW Disposal	()	()	()	()	()
RW Transportation	()	()	()	()	()
Preservation	()	()	()	()	()
Public Outreach	<u>()</u>	<u>()</u>	<u>()</u>	<u>()</u>	<u>()</u>

Totals

Optional Demographics other than Community (List results to the right of the respective entry)

Are you currently a UNLV, CSN, Nevada State, or other college student?

- Yes _____
- No _____

Age: What is your age?

- Under 17 years old _____
- 18-30 years old _____
- 31-45 years old _____
- 45-60 years old _____
- 60-74 years old _____
- 75 years or older _____

Gender: What gender do you identify with?

- Male _____
- Female _____
- Other _____

Race/Ethnicity: Ethnicity origin (or Race): Please specify your ethnicity.

- White _____
- Hispanic or Latino _____
- Black or African American _____
- Native American or American Indian _____
- Asian / Pacific Islander _____
- Multiple _____
- Other _____

Meaningful Comments relating to communication about topics and methods (continued on back):

Submitted by Community Analysis Committee Member:

Attachment 4 SOP

Standing Operating Procedure for Community Analysis Committee Jan 2018

Each of the committee members representing a particular community will spearhead the effort in their community.

DO NOT START INTERACTION WITH THE PUBLIC UNTIL THE PLAN HAS BEEN COMPLETED AND APPROVED BY EM NEVADA PROGRAM! You will be notified via email when this is accomplished.

The example letter to the community could also be posted at the Credit Union bulletin board; sent to the Chamber of Commerce; the President of the Rotary; and the Fire Chief, etc., prior to 1-on-1 sessions.

A Public Service Announcement (PSAs) could be as follows: "Members of the voluntary Advisory Board to the Environmental Management office at the former Nevada Test Site are conducting a survey of how best the office can focus its community outreach program. The short survey asks about interest and any concerns you may have and you do not provide your name. If interested, please go to www. and follow the instructions"

At the 1-on-1 sessions, several fact sheets about the EM effort are needed to provide to respondents and possibly others. The 2016 Annual EM Report (at least) is suggested. The community member should anticipate questions from the public about the EM effort and the work being done at the NNSS. It's suggested that you take a copy of the Orientation Binder to the 1-on-1 sessions.

The job is to answer questions, issue the survey questionnaire, and collect results.

Talking points for the 1-on-1 sessions need to be developed should start with introductions, what a Board member is and is not, include why the information is needed, answer questions about the test site and the EM mission, and issue a survey. There is flexibility in the way that the 1-on-1 sessions are conducted, but the surveys forms are NOT to be changed by the committee member (interviewer) or the persons completing the survey.

Answers to questions should be sought from EM to any questions that the interviewer may have or are needed going into the interviews. Questions such as, have there been any on-site or off-site LLW Transportation accidents or incidents in the past 20 years (except from the US Ecology site at Beatty) might be asked. Is an EM Annual Report routinely sent to the local Library? Should we specify that EM has no tie to or responsibility for the Yucca Mountain High level Waste Program or the commercial waste storage facility in Beatty NV operated by US Ecology?

If several are in attendance at the 1-on-1 sessions possibly have a small group session or provide the fact sheets and survey to the respondents waiting so they have something to review prior to the session.

If the respondent would prefer to answer the survey questions online, the NSSAB Office will furnish committee contact with a website link to provide the respondent to the survey online. A respondent may answer the survey online as long as they have access to the internet. Separate online surveys with the same questions can be created for each community; so the results can be compiled digitally for each respective community and provided to their committee contact. In the case there are multiple email

addresses, the committee contact may provide the list of emails to the NSSAB Office to email out the online survey.

Allow for anonymity of the respondents as desired by them.

NSSAB Community Analysis Committee

Area Coverage

- Amina Anderson – Beatty, she also volunteered to cover California communities by placing flyers and surveys at Shoshone Library, Tecopa Library, Death Valley Library, Oasis Resort, Cow Creek Village, Timbisha Shoshone Village, etc.
- Anthony Graham – UNLV
- Steve Rosenbaum – Las Vegas and North Las Vegas
- Edward Rosemark – Panaca and nearby locations to include Pioche and Rachel
- Frank Bonesteel -- Pahrump
- Mike Anderson – Goldfield (although Mike is no longer a Board Member, he will be sent information)
- Richard Arnold (liaison advisor) – Consolidated Group of Tribes and Organizations
- Dick Stephans – Boulder City
- Dick Twiddy – Mesquite, he also volunteered at the first meeting to cover tribal, Moapa, and Bunkerville communities

NOTE: Board Members, please let Barb know if you might be interested in providing Surveys in other areas and helping with Las Vegas

On behalf of the Community Analysis Committee, it is requested that the Board vote to approve the Plan, and as approved, the Plan be transmitted to EM Nevada Program for approval and notification back that authorizes implementation.