

Nevada National Security Site (NNSS) Tour Booklet



**Nevada Site
Specific Advisory Board**

October 25, 2017



EM *Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

www.em.doe.gov

Prohibited Articles On NNSS Public Tours

The following items are prohibited within the boundaries of the NNSS public tours.

Tour escorts are required to do random checks.

- Cellular Phones
- Bluetooth Enabled Devices
- PDA, BlackBerry, etc.
- Computers
- Portable Data Storage Devices
- Global Positioning System (GPS)
- Cameras/Camcorders
- Binoculars
- Optical Instruments
- Geiger Counters
- Recording Devices
- Pets and Animals
- Weapons
- Explosives
- Ammunition
- Incendiary Devices
- Chemical Irritants
- Alcoholic Beverages
- Controlled Substances
- Any Item Prohibited by Law

Possession of these items may delay the tour and prevent your participation.

If at any point during the tour these items are discovered, the tour may be terminated.



EM Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

NNSS Tour Agenda*

- | | | | |
|------------|--|------------|---|
| 8:00 a.m. | Depart for NNSS | 12:00 p.m. | Depart for Mercury Cafeteria |
| 9:05 a.m. | Arrive at Gate 100 for badge check | 12:15 p.m. | Arrive at Mercury Cafeteria for lunch |
| 9:10 a.m. | Depart for Core Library | 1:00 p.m. | Depart for EMAD |
| 9:15 a.m. | Core Library Briefing ~ Work Plan Item 2
(photo opp) | 1:30 p.m. | EMAD Briefing (photo opp) |
| 10:00 a.m. | Depart for Frenchman Flat Overlook | 2:15 p.m. | Depart for Mercury Fire Station |
| 10:05 a.m. | Groundwater Briefing | 2:45 p.m. | Mercury Fire Station Briefing
(photo opp) |
| 10:30 a.m. | Depart for Area 5 Radioactive Waste
Management Complex (RWMC)
(photo opp) | 3:45 p.m. | Depart for Mercury |
| 10:45 a.m. | Briefings on Real-Time Radiography Machine
and Location for New Area 5 Monitoring Well
at the RWMC ~ Work Plan Items 4 & 5 | 3:55 p.m. | Arrive Badge Office and depart
for Las Vegas |
| | | 4:45 p.m. | Arrive Centennial Hills Park and Ride |

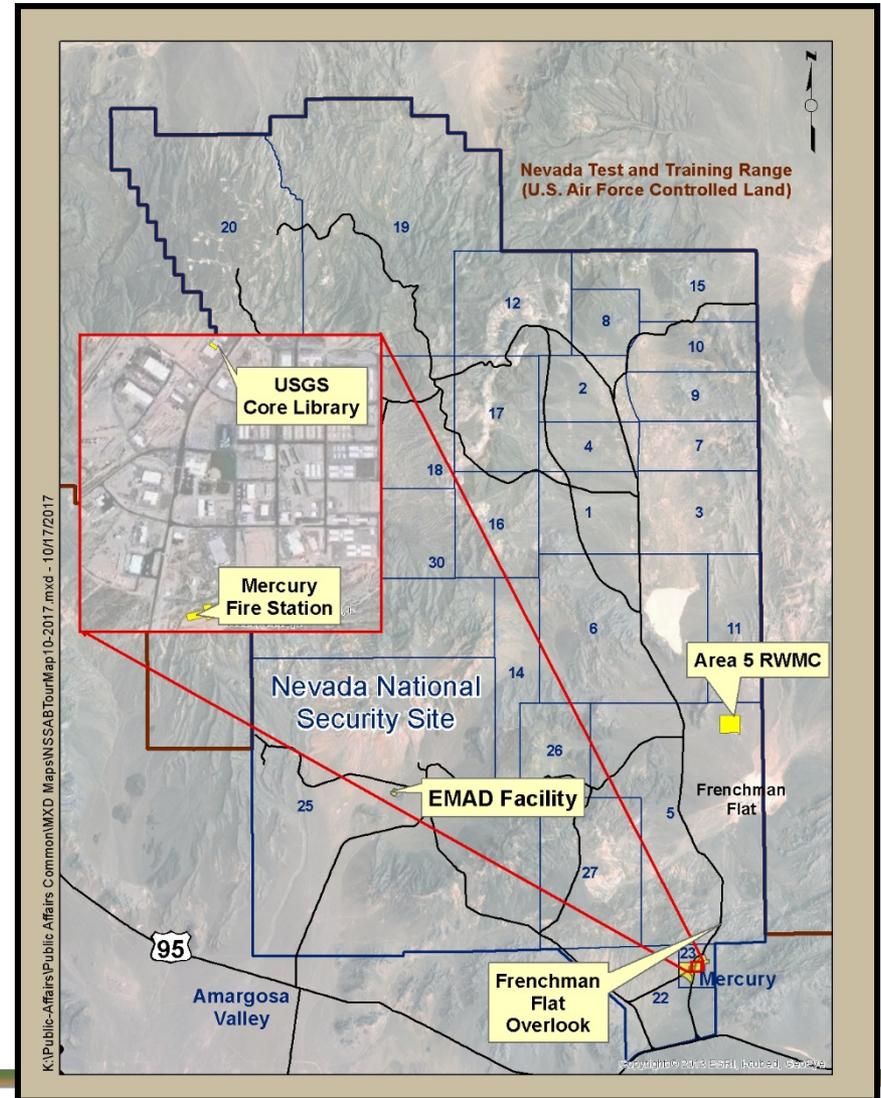
* *Subject to change*



EM Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

NNSS Tour Map



EM Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

NSSAB FY 2018 Work Plan

Item 1	Work Plan Item:	<i>Path forward for Closed Environmental Restoration Sites at the Tonopah Test Range</i>
	Deadline for Recommendation:	May 2018
	Description:	<p>Need: The EM NV Program has successfully completed numerous restoration activities at the Tonopah Test Range but continues to maintain responsibility for long-term monitoring. A long-term path forward needs to be established to determine who will be responsible for the sites once restoration is completed.</p> <p>In January 2018, the EM NV Program will provide a briefing to the NSSAB that outlines what Environmental Restoration sites are located on the Tonopah Test Range and their current status. This will be followed by a discussion on if the sites should remain under EM NV Program control or be turned over to another entity, such as the DOE Office of Legacy Management.</p> <p>NSSAB Scope: From a community perspective, the NSSAB will provide a recommendation on its preferred path forward for the Environmental Restoration Sites at the Tonopah Test Range.</p>
Item 2	Work Plan Item:	<i>Core Library</i>
	Deadline for Recommendation:	November 2017
	Description:	<p>Need: The Core Library located in Mercury, NV is a large facility that is funded in part by the EM NV Program. The EM NV Program is interested in exploring ways the purpose of the core library could be met in more efficient ways.</p> <p>In November 2017, the EM NV Program will provide a briefing to the NSSAB on the Core Library and potential options for long-term safeguarding of EM-related core.</p> <p>From a community perspective, the NSSAB will provide a recommendation on its preferred path forward for the Core Library.</p>



EM Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

NSSAB FY 2018 Work Plan

(continued)

Item 3	Work Plan Item:	<i>Internal Peer Review Process Improvement (Carryover from FY 2017)</i>
	Deadline for Recommendation:	January 2018
	Description:	<p>In November 2017, the EM NV Program provided a briefing to the NSSAB on opportunities to observe the internal peer review process in FY 2018.</p> <p>The NSSAB will be invited to send representatives to observe the internal peer review meetings. From a community perspective, the NSSAB will provide a recommendation as to how the internal peer review process could be enhanced.</p>

Item 4	Work Plan Item:	<i>Location of Monitoring Well at the Area 5 Radioactive Waste Management Complex</i>
	Deadline for Recommendation:	September 2018
	Description:	<p>Need: The EM NV Program is required to install a monitoring well at or near the Area 5 Radioactive Waste Management Complex.</p> <p>In May 2018, the EM NV Program will provide a briefing to the NSSAB explaining the purpose of the monitoring well at the Area 5 Radioactive Waste Management Complex and potential options for well locations.</p> <p>From a community perspective, the NSSAB will provide a recommendation regarding where they think the well should be placed.</p>



EM Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

NSSAB FY 2018 Work Plan

(continued)

Item 5	Work Plan Item:	<i>Real-Time Radiography Usage on Low-Level Waste Packages</i>
	Deadline for Recommendation:	September 2018
	Description:	<p>Need: The EM NV Program has Real-Time Radiography technology that allows for the non-destructive verification of waste packages that are received for disposal. Funding and resources limit how often it can be used. The EM NV Program is considering how the technology will be used in regard to Low-Level Waste packages.</p> <p>In July 2018, the EM NV Program will provide a briefing to the NSSAB describing the Real-Time Radiography capability at the Area 5 Radioactive Waste Management Complex and the Department's options for use of the technology.</p> <p>NSSAB Scope: From a community perspective, the NSSAB will provide a recommendation on its preferred use of the technology in regard to Low-Level Waste.</p>
Item 6	Work Plan Item:	<i>Radioactive Waste Acceptance Program (RWAP) Assessment Improvement Opportunities</i>
	Deadline for Recommendation:	September 2018
	Description:	<p>In November 2017, the EM NV Program will provide a briefing to the NSSAB on opportunities to observe RWAP assessments in FY 2018.</p> <p>The NSSAB will send 1-2 members to observe a RWAP assessment and look for improvement opportunities. Those members will present their observations to the Full Board. From a community perspective, the NSSAB will develop a recommendation for ways to improve the RWAP assessment process.</p>



NSSAB FY 2018 Work Plan

(continued)

Item 7	Work Plan Item:	<i>Community Interest Analysis</i>
	Deadline for Recommendation:	July 2018
	Description:	<p>Need: EM NV Program would like to better understand the level of interest and concern that communities near the NNSS have regarding EM activities. This information will help EM NV determine what needs to be communicated, how to communicate it, and how often.</p> <p>In November 2017, the EM NV Program will provide a briefing to the NSSAB explaining the current outreach conducted by the EM NV Program and an outline of what information the EM NV Program hopes to gain through the NSSAB.</p> <p>From a community perspective, the NSSAB will develop a plan for gathering information from fellow community members regarding their EM interests and to gauge their level of concern regarding these activities. The NSSAB will then provide a recommendation for how the EM NV Program could shape its outreach based on the results of the community feedback.</p>
Item 8	Work Plan Item:	<i>FY 2020 Baseline Prioritization</i>
	Deadline for Recommendation:	March 2018
	Description:	<p>In March 2018, the Nevada Field Office will provide briefings on planned FY 2020 baseline activities.</p> <p>From a community perspective, the NSSAB will provide a recommendation ranking the activities.</p>



EM Environmental Management

safety ❖ performance ❖ cleanup ❖ closure