



# Nevada Site Specific Advisory Board

May 16, 2018

Mr. Jhon Carilli  
LLW Activity Lead  
U.S. Department of Energy,  
Environmental Management (EM) Nevada Program  
P. O. Box 98518  
Las Vegas, NV 89193-8518

SUBJECT: Recommendation for Location of Monitoring Well at the Area 5  
Radioactive Waste Management Complex (RWMC) ~ Work Plan #4

Dear Mr. Carilli

The Nevada Site Specific Advisory Board (NSSAB) was asked to provide a recommendation, from a community perspective, to the U.S. Department of Energy (DOE) regarding where the new monitoring well for the Area 5 RWMC should be located.

In support of this work plan, you and Chuck Russell, DOE/EM Science Advisor, provided a briefing on the current wells, the requirements for the new monitoring well, and the hydrology and geology of the Area 5 RWMC.

During Board discussion for a path forward, there were three potential well locations (see map next page) suggested by the NSSAB. Based on the briefing and extensive questions and further dialogue, the NSSAB recommends that the new monitoring well for the Area 5 RWMC be sited at location #1. The NSSAB wants to include a minority report for siting the new monitoring well for the Area 5 RWMC at location #3.

The NSSAB wishes to thank you and Chuck Russell for your briefing and answering questions regarding this work plan item.

Sincerely,

A handwritten signature in black ink, appearing to read 'Steven Rosenbaum', is located below the 'Sincerely,' text.

Steven Rosenbaum, Chair

cc: David Borak, DOE/HQ (EM-4.32)  
Michelle Hudson, DOE/HQ (EM-4.32)  
Barbara Ulmer, Navarro  
NSSAB Members and Liaisons  
Navarro Central Files  
Robert Boehlecke, EM  
Catherine Hampton, EM  
Kelly Snyder, EM  
Bill Wilborn, EM

## Members

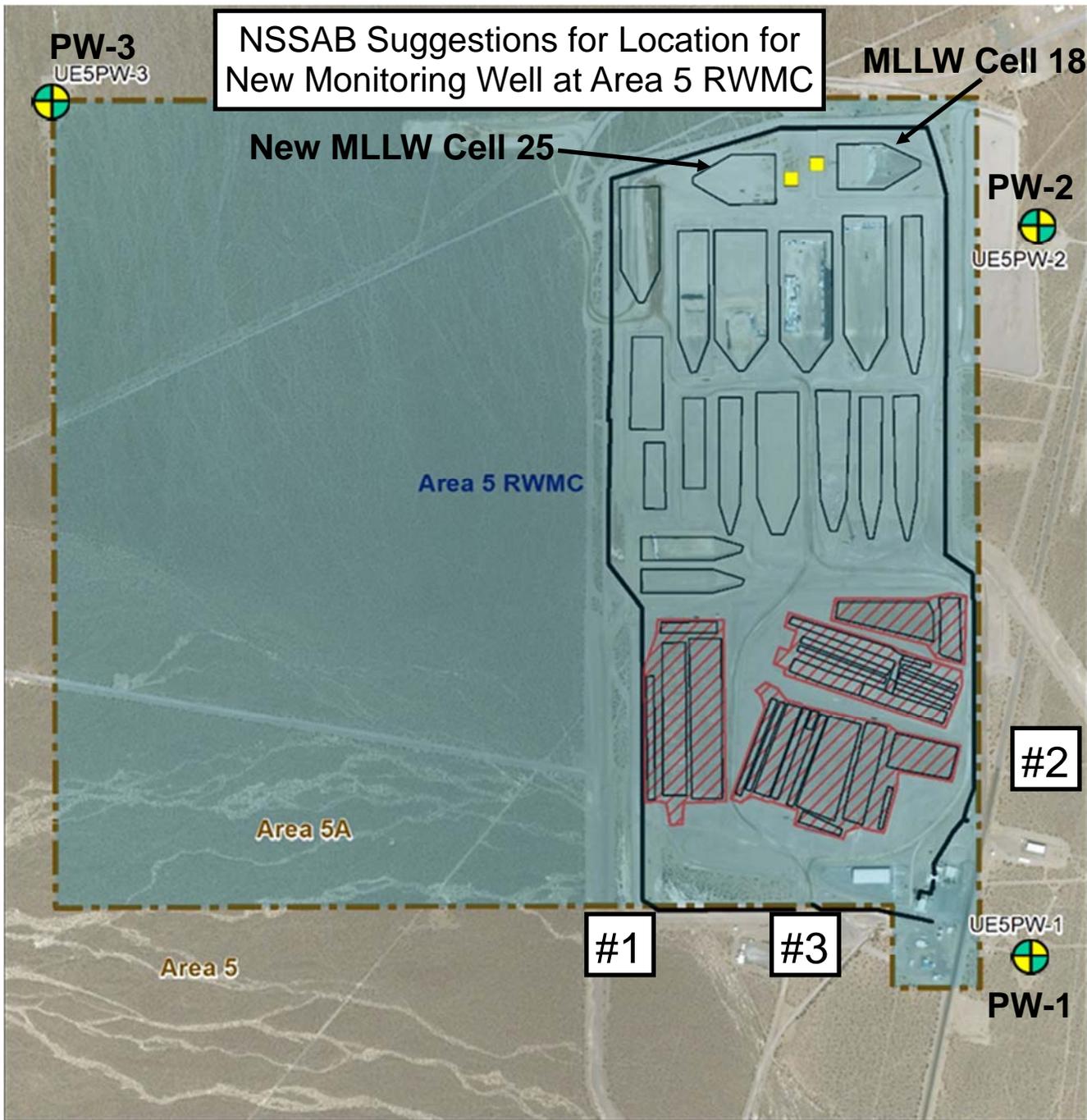
Amina Anderson  
**Frank Bonesteel (Vice-Chair)**  
Michael D'Alessio  
Karen Eastman  
Pennie Edmond  
Raymond Elgin  
Charles Fullen  
Richard Gardner  
Donald Neill  
Autumn Pietras  
**Steve Rosenbaum (Chair)**  
William Sears  
Cecilia Flores Snyder  
Richard Stephans  
Jack Sypolt  
Richard Twiddy  
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



Explanation	
	Leachate Tank <sup>1</sup>
	Groundwater Well
	Area 5 RWMS Fence Line
	NNSS Operations Area
	Approximate Pit Boundary <sup>1</sup>
	Approximate Closure Cover <sup>2</sup>
	Area 5 Radioactive Waste Management Complex (RWMC)

Map date: April 25, 2018

<sup>1</sup> Leachate tank and pit boundary data, MSTs Engineering, 01892-C-1001, March 2018

<sup>2</sup> Closure Cover data compiled by Jemison Surveying & Services, May 2011

Background scene from ESRI World Imagery accessed 25 Apr 2018 (Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community).

Map Projection: Universal Transverse Mercator (Zone 11, meters), NAD83

Map produced by the NNSS GIS Group. Product ID: 20180418-02-P001-R00