

I MINA'TRENTAI SAIS NA LIHESLATURAN GUÅHAN
2022 (SECOND) Regular Session
VOTING RECORD

Resolution No. 464-36 (LS) As amended on the Floor.	Speaker Antonio R. Unpingco Legislative Session Hall Guam Congress Building December 16, 2022					
NAME	Aye	Nay	Not Voting/ Abstained	Out During Roll Call	Absent	Excused
Senator V. Anthony Ada	✓					
Senator Frank Blas Jr.	✓					
Senator Joanne Brown	✓					
Senator Christopher M. Dueñas	✓					
Senator James C. Moylan	✓					
Vice Speaker Tina Rose Muña Barnes	✓					
Senator Telena Cruz Nelson	✓					
Senator Sabina Flores Perez	✓					
Senator Clynton E. Ridgell	✓					
Senator Joe S. San Agustin	✓					
Senator Amanda L. Shelton	✓					
Senator Telo T. Taitague	✓					
Senator Jose "Pedo" Terlaje	✓					
Speaker Therese M. Terlaje	✓					
Senator Mary Camacho Torres	✓					

TOTAL

15

0

Aye

Nay

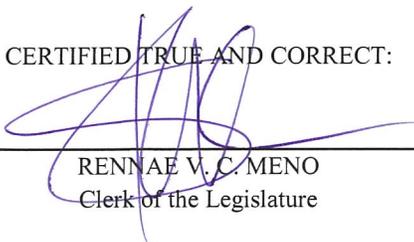
Not
Voting/
Abstained

Out
During
Roll Call

Absent

Excused

CERTIFIED TRUE AND CORRECT:



 RENNAE V. C. MENO
 Clerk of the Legislature

I = Pass

I MINA'TRENTAI SAIS NA LIHESLATURAN GUÅHAN
2022 (SECOND) Regular Session

Resolution No. 464-36 (LS)

As amended on the Floor.

*

Introduced by:

Clynton E. Ridgell
Sabina Flores Perez
Telo T. Taitague

Relative to requesting that the Honorable Deb Haaland, U.S. Secretary of the Interior, honor the U.S. Department of the Interior's responsibilities to Guam by directing the Offices of Insular Affairs and Environmental Policy and Compliance to review and assess the potential environmental impacts of the U.S. Marine Corps Base Camp Blaz Live-Fire Training Range Complex at Northwest Field, and the Hand Grenade Range at Andersen South, on the Northern Guam Lens Aquifer, and provide guidance to the U.S. Department of the Navy prior to range operations that ensures the protection of Guam's water resources.

1 **BE IT RESOLVED BY *I MINA'TRENTAI SAIS NA LIHESLATURAN***
2 ***GUÅHAN*:**

3 **WHEREAS**, in August 2015, the U.S. Department of the Navy issued its
4 Record of Decision based on the Guam and CNMI Military Relocation Final
5 Supplemental Environmental Impact Study (2012 Roadmap Adjustments) (SEIS),
6 pursuant to which the U.S. Department of Defense proposed to relocate
7 approximately eight thousand six hundred (8,600) U.S. Marines from Okinawa to
8 Guam; and as part of that action, to construct and operate a series of live-fire training

1 ranges on Guam and CNMI. The massive Live-Fire Training Range Complex
2 (LFTRC) and Hand Grenade Range are currently under construction and sit on top
3 of the Northern Guam Lens Aquifer (NGLA) – a critical resource that provides
4 Guam residents with eighty-five percent (85%) of the island’s fresh drinking water;
5 and

6 **WHEREAS**, the U.S. Marine Corps Base Camp Blaz LFTRC is located at
7 Northwest Field on Andersen Air Force Base, and consists of five (5) separate firing
8 ranges, including a Known Distance (KD) rifle range, a KD pistol range, a Modified
9 Record of Fire Range (MRFR), a nonstandard small arms range, a Multipurpose
10 Machine Gun (MPMG) range, and a stand-alone Hand Grenade Range that is located
11 at Andersen South. Approximately one hundred eighty-seven (187) acres of pristine
12 limestone forest have been cleared in support of the LFTRC; construction of the KD
13 rifle range project is anticipated to be complete in 2022 and operational sometime
14 between 2023-2024; and construction of the Multi-Purpose Machine Gun range is
15 ongoing with expected completion in 2024; and

16 **WHEREAS**, according to the SEIS, up to 6.7 million lead bullets will be fired
17 and four hundred twenty-one (421) hand grenades will be thrown over the aquifer
18 each year, potentially threatening the community’s primary water source, as well as
19 the surrounding ocean areas; and

20 **WHEREAS**, the SEIS provides that range operations have the potential to
21 leach munitions constituents into groundwater, such as lead, antimony, copper, and
22 zinc. Munitions constituents are “any materials originating from unexploded
23 ordnance, discarded military munitions, or other military munitions, including
24 explosive and nonexplosive materials, and emission, degradation, or breakdown
25 elements of such ordnance or munitions.” 10 U.S.C. § 2710(e)(3). The SEIS further
26 discloses that munitions constituents specific to the explosives used at the Hand
27 Grenade Range include trinitrotoluene (TNT), cyclotetramethylene tetranitramine

1 (High Melting Explosive, HMX), hexahydrotrinitrotriazine (Royal Demolition
2 Explosive, RDX), and perchlorate; and

3 **WHEREAS**, in addition to harmful munitions constituents, the SEIS states
4 that the firing ranges would potentially increase the amount of petroleum, oil, and
5 lubricants (POLs), hazardous waste, herbicides, pesticides, and fertilizers being
6 stored, transported, and utilized at the proposed facilities; and

7 **WHEREAS**, *I Liheslaturan Guåhan* (the Guam Legislature) finds it
8 concerning that the SEIS lacks a thorough discussion of range munitions constituents
9 and omits available data regarding the potential for these chemical agents to remain
10 in soils and leach into the groundwater. In January 2012, the United States
11 Environmental Protection Agency published the “EPA Federal Facilities Forum
12 Issue Paper: Site Characterization for Munitions Constituents” (EPA 2012 Paper),
13 which compiles studies of military installations in the U.S and Canada and identifies
14 a wide range of chemical agents left on surface soils surrounding firing ranges. The
15 EPA 2012 Paper cites data showing that chemical components of explosives and
16 propellants tend to be mobilized by heavy rainfall and may threaten groundwater
17 supplies. This is of particular concern on Guam, as the karst limestone topography
18 of the NGLA is especially porous, rendering the aquifer vulnerable to contamination;
19 and

20 **WHEREAS**, *I Liheslaturan Guåhan* also finds that the significance of the
21 NGLA as Guam’s sole source aquifer, the increased annual withdrawal of
22 groundwater amounting to 1.7 million gallons each day as a result of the Guam and
23 CNMI Military Relocation, and threats induced by climate change are critical factors
24 that must be considered to determine the true and long-term impacts of the training
25 ranges on Guam’s water resources; and

26 **WHEREAS**, *I Liheslaturan Guåhan* recognizes Guam’s obligation to protect
27 and preserve the natural and cultural heritage of the *CHamoru* people, and that the

1 island and its resources are an inheritance from Guam’s ancestors for the island’s
2 present and future generations, and must be safeguarded; and

3 **WHEREAS**, island nations all across the Pacific region are rising to fulfill
4 that obligation and ensure community resilience and survival through climate
5 change; and the Guam community joins the voices within the Pacific region and with
6 those who have dedicated their lives to protecting this inheritance – Guam’s lands
7 and waters; and

8 **WHEREAS**, there is insufficient scientific data available to Guam residents
9 to fully assess potentially irreversible impacts of the construction and operation of
10 the firing ranges on the NGLA, and it is critical that the community is given
11 reasonable time to review relevant and sound information before the ranges become
12 operational; now therefore, be it

13 **RESOLVED**, that *I Mina'trentai Sais Na Liheslaturan Guåhan* (the 36th
14 Guam Legislature) does hereby, on behalf of the people of Guam, call on U.S.
15 Secretary of the Interior Deb Haaland to honor the U.S. Department of the Interior’s
16 responsibilities to Guam and its residents by directing the Offices of Insular Affairs
17 and Environmental Policy and Compliance to review and assess the potential
18 environmental impacts of the U.S. Marine Corps Base Camp Blaz Live-Fire
19 Training Range Complex at Northwest Field, and the Hand Grenade Range at
20 Andersen South, on the Northern Guam Lens Aquifer, and provide guidance to the
21 U.S. Department of the Navy prior to range operations that ensures the protection of
22 Guam’s water resources; and be it further

23 **RESOLVED**, that the Speaker certify, and the Legislative Secretary attest to,
24 the adoption hereof, and that copies of the same be thereafter transmitted to the
25 Honorable Joseph R. Biden, Jr., President of the United States of America; to the
26 Honorable Kamala Harris, Vice President of the United States of America; to the
27 Honorable Deb Haaland, Secretary of the U.S. Department of the Interior; to the

1 Honorable Keone Nakoa, Deputy Assistant Secretary for Insular Affairs, U.S.
2 Department of Interior; to Stephen G. Tryon, Director, Office of Environmental
3 Policy and Compliance, U.S. Department of the Interior; to the Honorable Jack
4 Reed, Chairperson, Committee on Armed Services, U.S. Senate; to the Honorable
5 Adam Smith, Chairperson, Committee on Armed Services, U.S. House of
6 Representatives; and to the Honorable Lourdes A. Leon Guerrero, *I Maga'hågan*
7 *Guåhan*.

DULY AND REGULARLY ADOPTED BY *I MINA'TRENTAI SAIS NA LIHESLATURAN GUÅHAN* ON THE DAY OF DECEMBER 2022.

THERESE M. TERLAJE
Speaker

AMANDA L. SHELTON
Legislative Secretary