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What's New in the 2014 Draft SEIS: Changes from the 2010 Final EIS



This document summarizes the 2014 Draft SEIS Executive Summary. For more detailed information on the topics presented here, please refer to the 2014 Draft SEIS, which is available for review at the Robert F. Kennedy Memorial Library, located in the University of Guam, and the Nieves M. Flores Memorial Library in Hagåtña. The 2014 Draft SEIS can also be viewed online and downloaded at the websites listed below.

Download the complete Draft SEIS and related documents at these websites:
JGPO: www.guambuildupeis.us
GovGuam: www.one.guam.gov



SHAPING THE FUTURE ... TOGETHER

SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT (SEIS) FOR A
LIVE-FIRE TRAINING RANGE COMPLEX (LFTRC) AND MAIN CANTONMENT AND FAMILY HOUSING LOCATION ON GUAM

Key Differences Between 2010 Final EIS and 2014 Draft SEIS

2010 Final EIS		2014 Draft SEIS
Approximately 8,600 Marines and 9,000 dependents relocating over 5 years	Relocated Population	Approximately 5,000 Marines and 1,300 dependents relocating over 12 years
7-year intense construction boom followed by sharp decline	Construction Period	13-years of moderate construction with gradual phase out
More than 79,000 new Guam residents at peak	Peak Population Increase	More than 10,000 new Guam residents at peak
More than 33,000 additional Guam residents	Steady State Population Increase	Approximately 7,400 additional Guam residents
2,580 acres at Finegayan preferred alternative	Project Area: Cantonment	1,452 acres at Finegayan preferred alternative
Acquisition of 688 acres of non-federal land at Finegayan preferred alternative	Land Acquisition: Cantonment	No land acquisition at Finegayan preferred alternative
5,529 acres for Route 15 preferred alternative (4,439 acres in SDZs, mostly over ocean)	Project Area: LFTRC	3,966 acres for Northwest Field preferred alternative (3,701 acres in SDZs, mostly over ocean)
Acquisition of more than 1,000 acres of non-federal land at Route 15 preferred alternative	Land Acquisition: LFTRC	No land acquisition at Northwest Field preferred alternative
20 megawatts	Power Demand	5.7 megawatts
5.82 million gallons/day	Potable Water Demand	1.7 million gallons/day
2.6 million gallons/day	Wastewater Generation	1.2 million gallons/day
165,600 pounds/day	Solid Waste Generation	54,250 pounds/day
4 alternative sites in EIS analysis, all in same vicinity	EIS Alternatives: Cantonment	4 alternative sites in 3 different areas on Guam
2 alternative sites in EIS analysis, both in same vicinity	EIS Alternatives: LFTRC	5 alternative sites in 3 different areas on Guam

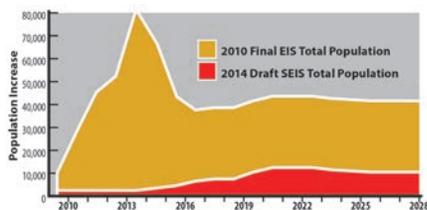
Relocated Population Reduced

The 2010 Final Environmental Impact Statement (EIS) estimated the relocation of over 8,600 Marines and 9,000 dependents from Okinawa to the Northern Mariana Islands over the course of five years. The 2014 Draft SEIS now estimates only 5,000 marines and 1,300 dependents to relocate over the next 12 years, a 64% decrease.

Construction Period Increased

Due to the reduction of relocating personnel, the high expectation of construction activity to accommodate the new residents is no longer necessary and the allotted time span for construction has increased, creating less of a need for off-island workers.

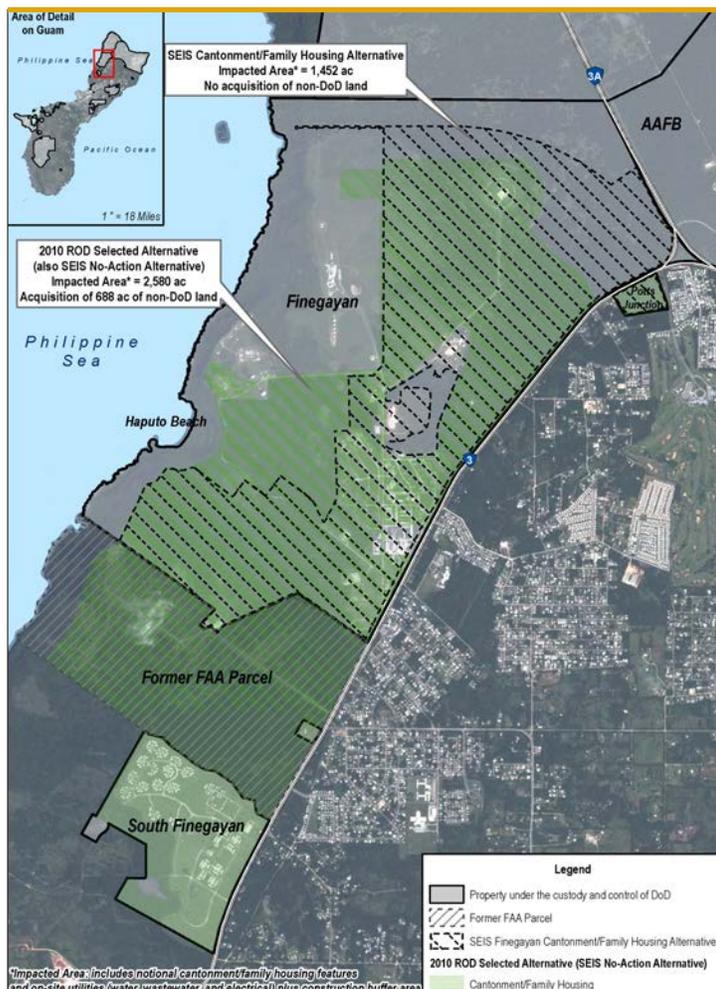
Overall Population Influx Reduced



The 2010 Final EIS estimated the population peak would be more than 79,000, but population is now expected to be an

average of less than 10,000 due to the decrease in relocating personnel and construction workers.

The 2010 Final EIS suggested there would be more than 33,000 additional Guam residents due to high construction activity and development of the project areas. The 2014 Draft SEIS estimates approximately 7,400 additional residents, allowing for a more gradual and smaller population increase over time.



Comparison of Cantonment / Family Housing 2010 Final EIS to 2014 Draft SEIS

Project Areas Reduced

Cantonment Area: With the average relocated population 64% less than expected, the size of the cantonment area has been reduced. This area will include living accommodations for incoming military personnel and their dependents including facilities, housing, etc.

The footprint described for the cantonment area in the 2010 Final EIS was around 2,580 acres. However, the 2014 Draft SEIS describes the need for only 1,452 acres. The 2014 Draft SEIS concludes that instead of requiring the acquisition of 688 acres of non-federal land, there is now no need for the additional property.

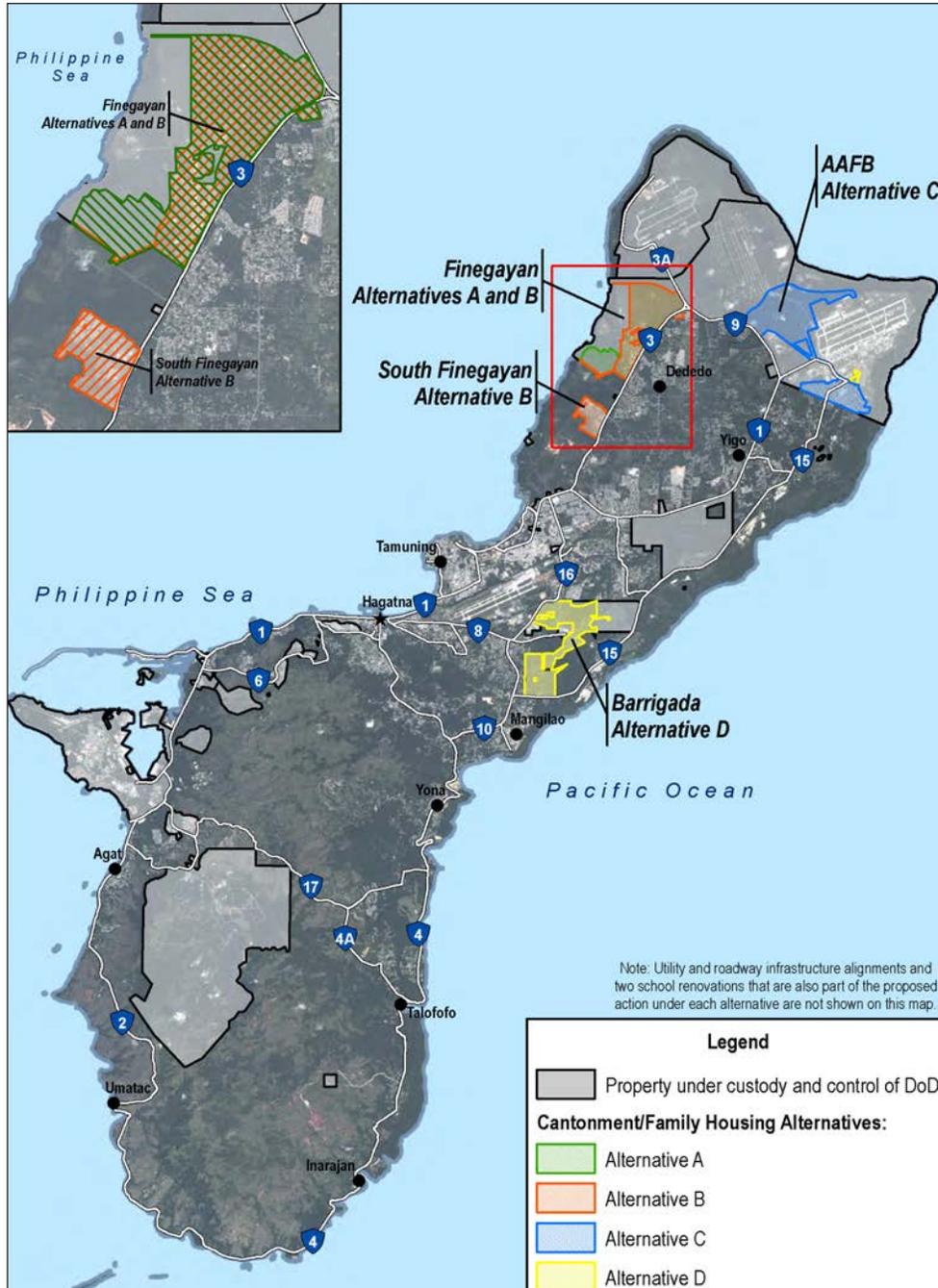
Live-Fire Training Range Complex (LFTRC): The descriptions are consistent with the 2010 Final EIS, with the exception of land utilization. The 2010 Final EIS described a need for over 5,529 acres of land located at Route 15 for the LFTRC, where 4,439 acres consists of mostly ocean. The 2014 Draft SEIS describes only 3,966 acres needed for the Northwest Field and 3,701 acres over the ocean. The 2010 Final EIS also saw a need for the acquisition of more than 1,000 acres of non-federal land located at Route 15, but the 2014 Draft SEIS notes that this amount of range utilization is not needed.

Utilities and Infrastructure: In the 2010 Final EIS, estimated utility demand reflected the anticipated increase in population. The 2014 Draft SEIS revised the estimated demand for power, potable water, wastewater, and solid waste disposal. The proposed action includes on-site utilities to support the family housing and cantonment center, off-site utilities to connect proposed facilities to existing infrastructure, and an upgrade of existing off-site facilities to support the relocation.

Changes to Cantonment / Family Housing Alternatives

2 sites carried forward for evaluation from 2010, 2 new sites

The 2010 Final EIS proposed four alternative sites, all located in the same vicinity near Finegayan. With the reduction in required acreage, the 2014 Draft SEIS identified four cantonment alternatives: Finegayan, South Finegayan, Andersen Air Force Base, and Barrigada. The 2014 Draft SEIS concluded that the previously considered Apra Harbor alternative did not meet the criteria established for the current evaluation.



2014 Draft SEIS Preferred Alternative A:

Finegayan is the most effective site for the cantonment because the land area suits the amount of facilities needed, and can also provide walkable access and protection from ongoing construction.

Alternative B: South Finegayan is considered appropriate due to its close proximity to the cantonment area, which allows easy access to the area and supporting facilities for the community.

Alternative C: Andersen Air Force Base allows for appropriate accommodation for both cantonment and family housing within the same installation.

Alternative D: Barrigada has sufficient developable land available that allows for a standalone cantonment area while still being in close proximity to family housing facilities.

Locations of the 2014 Draft SEIS Cantonment / Family Housing Alternatives



What's New in the 2014 Draft SEIS: Changes from the 2010 Final EIS

Changes to Live-Fire Training Range Complex Alternatives

5 of 7 sites carried forward for evaluation from 2010, 2 **eliminated**

The 2010 Final EIS presented seven preliminary alternative sites for the LFTRC. From the 2010 Final EIS, the Route 15B and Finegayan alternatives were eliminated. The Route 15B alternative is not associated with a sufficient amount of airspace and cannot be mitigated without unacceptable modifications to the training area. The Finegayan alternative was eliminated due to the impact of arrivals and departures out of the Guam International Airport. Both alternatives were not included in further analysis. The following alternatives continued towards screening in the 2014 Draft SEIS:

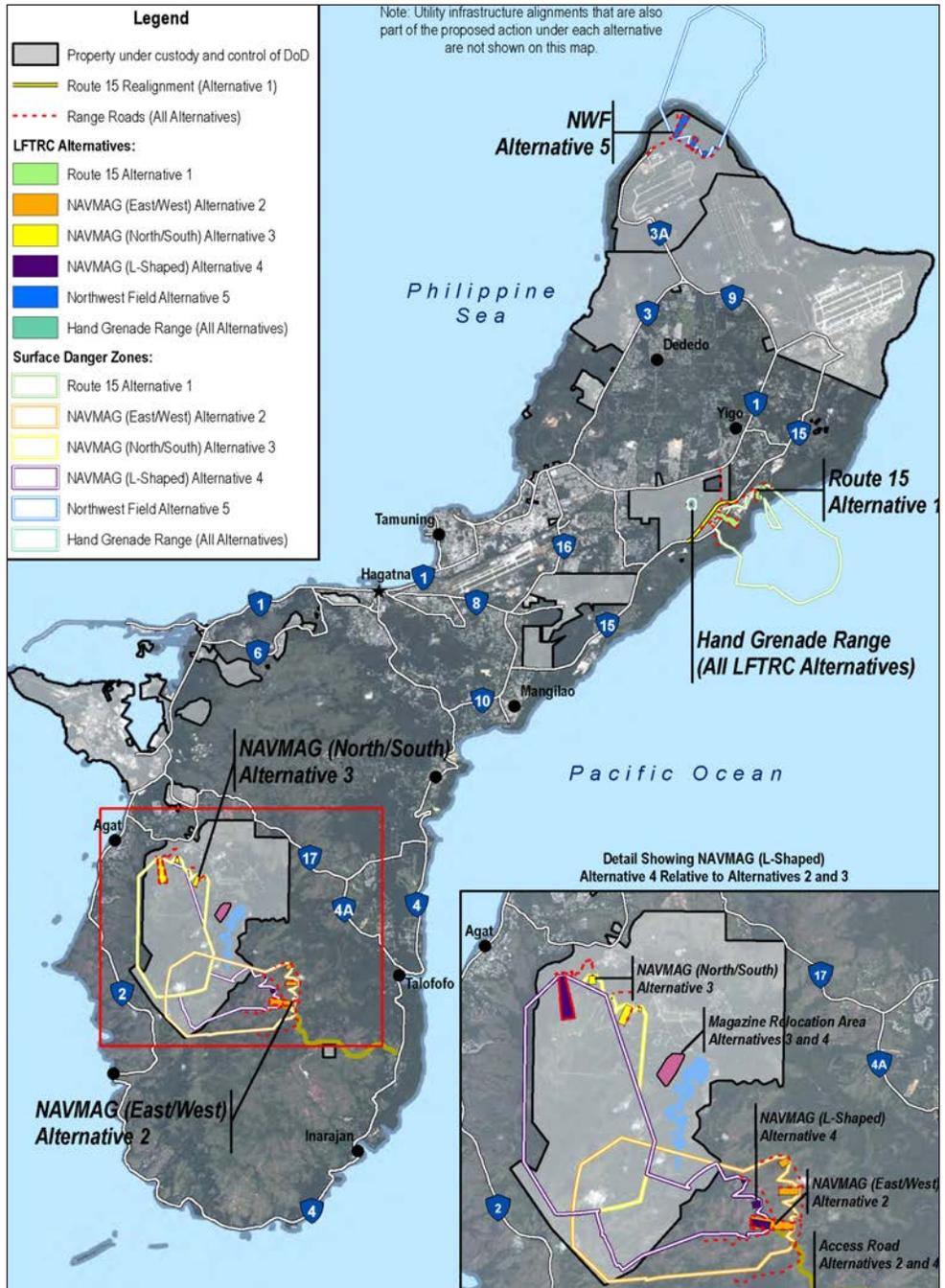
Alternative 1: Route 15 has sufficient land area and airspace while still within close proximity to all cantonment alternatives, accommodating civilian access to historical sites and trails.

Alternative 2: NAVMAG East/West would have sufficient land, sea, and airspace with the acquisition of 1,894 acres of non-federal land.

Alternative 3: NAVMAG North/South has sufficient land, sea, and airspace available, while the cantonment area Alternative D is within close proximity.

Alternative 4: NAVMAG L-Shaped is acceptable due to available existing land and airspace.

2014 Draft SEIS Preferred Alternative 5: Northwest Field has all of the sufficient areas needed to support all range facilities. It also provides existing development and does not require new land acquisitions.



LFTRC Alternatives carried forward for analysis in the 2014 Draft SEIS

Get more information on the Draft SEIS at these websites:

JGPO: www.guambuildupeis.us
GovGuam: www.one.guam.gov



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Definitions for terms and acronyms used in this and other related reports can be found in the Acronym Guide and Glossary at www.one.guam.gov.