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October 14, 2011 Notice of Availability for the Draft Programmatic Environmental Impact Statement (PEIS) in the Federal Register

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Hilo Public Library, 300 Waianuenue Avenue, Hilo; Kailua-Kona Public Library, 75–138 Hualalai Road, Kailua-Kona; Thelma Parker Memorial Public and School Library, 67–1209 Mamalahoa Highway, Kamuela; and Hawai'i State Library, 478 South King Street, Honolulu. The Draft Programmatic EIS may also be accessed online *at http://www.garrison.hawaii.army.mil/PTAPEIS/*.

Public hearings on the Draft Programmatic EIS will be held on the Hawai'i Island. Notification of the times and locations for the public hearings will be published in local newspapers.

Brenda S. Bowen,

Army Federal Register Liaison Officer.

[FR Doc. 2011–26579 Filed 10–13–11; 8:45 am]

BILLING CODE 3710–08–P

DEPARTMENT OF DEFENSE

Department of the Army

Notice of Availability for Exclusive, Non-Exclusive, or Partially-Exclusive Licensing of an Invention Concerning a Device and Method for Inducing Brain Injury in Animal Test Subjects

AGENCY: Department of the Army, DoD.

ACTION: Notice.

SUMMARY: Announcement is made of the availability for licensing of the invention set forth in U.S. Provisional Patent Application Serial No. 61/521,446, entitled "A Device and Method for Inducing Brain Injury in Animal Test Subjects," filed on August 9, 2011. The United States Government, as represented by the Secretary of the Army, has rights to this invention.

ADDRESSES: Commander, U.S. Army Medical Research and Materiel Command, ATTN: Command Judge Advocate, MCMR–JA, 504 Scott Street, Fort Detrick, Frederick, MD 21702–5012.

FOR FURTHER INFORMATION CONTACT: For patent issues, Ms. Elizabeth Arwine, Patent Attorney, (301) 619–7808. For licensing issues, Dr. Paul Mele, Office of Research and Technology Applications (ORTA), (301) 619–6664, both at telefax (301) 619–5034.

SUPPLEMENTARY INFORMATION: The invention relates a device and method for inducing brain injury in animal test subjects through inflicting pressure-wave or projectile-mediated concussions.

Brenda S. Bowen,

Army Federal Register Liaison Officer.

[FR Doc. 2011–26584 Filed 10–13–11; 8:45 am]

BILLING CODE 3710–08–P

DEPARTMENT OF DEFENSE

Department of the Army

Notice of Availability for Exclusive, Non-Exclusive, or Partially-Exclusive Licensing of an Invention Concerning Method for Estimating Core Body Temperature From Heart Rate

AGENCY: Department of the Army, DoD.

ACTION: Notice.

SUMMARY: Announcement is made of the availability for licensing of the invention set forth in U.S. Provisional Patent Application Serial No. 61/572,677, entitled "*Method for Estimating Core Body Temperature from Heart Rate,*" filed on July 8, 2011. The United States Government, as represented by the Secretary of the Army, has rights to this invention.

ADDRESSES: Commander, U.S. Army Medical Research and Materiel Command, ATTN: Command Judge Advocate, MCMR–JA, 504 Scott Street, Fort Detrick, Frederick, MD 21702–5012.

FOR FURTHER INFORMATION CONTACT: For patent issues, Ms. Elizabeth Arwine, Patent Attorney, (301) 619–7808. For licensing issues, Dr. Paul Mele, Office of Research and Technology Applications (ORTA), (301) 619–6664, both at telefax (301) 619–5034.

SUPPLEMENTARY INFORMATION: The inventions related to a method of estimating human core temperature from heart rate. The invention further relates to a method of determining impending heart exhaustion or strain for a human.

Brenda S. Bowen,

Army Federal Register Liaison Officer.

[FR Doc. 2011–26585 Filed 10–13–11; 8:45 am]

BILLING CODE 3710–08–P

DEPARTMENT OF DEFENSE

Department of the Army, Corps of Engineers

Intent To Prepare a Draft Environmental Impact Statement for the Proposed Excelsior Estates Project in Sacramento County, CA, Corps Permit Application Number SPK–2004–00790

AGENCY: Department of the Army, U.S. Army Corps of Engineers, DOD.

ACTION: Notice of Intent.

SUMMARY: The U.S. Army Corps of Engineers, Sacramento District, (Corps) received a complete Department of the Army permit application from Tsakopoulos Investments (applicant) to fill 39.81 acres of waters of the United States to construct the proposed Excelsior Estates Project in Sacramento County, CA, in June 2010. The Corps, as the lead agency responsible for compliance with the National Environmental Policy Act (NEPA), determined that the proposed project may result in significant impacts to the environment, and that the preparation of an Environmental Impact Statement (EIS) is required.

The applicant proposes to construct a mixed-use community including residential, commercial, office, schools, parks and open space land uses. The residential component of the proposed community would include approximately 4,400 single- and multi-family units, varying in density. The proposed project would also involve 57 acres of commercial and office uses, as well as two elementary schools and a combined middle school and high school on 102 acres. A proposed community park would be constructed on 20 acres and three neighborhood parks would be constructed on 31 acres. The proposed project would also involve the preservation of 123 acres on the eastern portion of the site, containing Morrison Creek and adjacent wetlands. The applicant also proposes to construct approximately 30 acres of drainageways and greenbelts. Finally, the proposed project would involve the construction of on-site and off-site infrastructure, consisting of roads and utility lines, including road extensions along Keifer Boulevard, Excelsior Road and the Jackson Highway.

The project site is approximately 862 acres and contains 39.81 acres of waters of the U.S. In addition, the site also contains 13.61 acres of isolated, intrastate waters that are not subject to Corps jurisdiction, which may contain suitable habitat for Federally listed

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the public may view proceedings by visiting *http://www.nationalservice.gov/about/newsroom/live.asp.*

STATUS: Open.

Matters To Be Considered

I. Chair's Opening Comments
II. Consideration of Previous Meeting's Minutes
III. CEO Report
IV. Committee Reports:
  a. Oversight, Governance and Audit Committee
  b. External Relations Committee
  c. Program, Budget and Evaluation Committee
V. Testimony on Accomplishments Achieved Through the Social Innovation Fund
VI. Public Comments

Members of the public who would like to comment on the business of the Board may do so in writing or in person. Individuals may submit written comments to *esamose@cns.gov* subject line: October 2011 CNCS Board Meeting by 12 noon on Tuesday October 18. Individuals attending the meeting in person who would like to comment will be asked to sign-in upon arrival. Comments are requested to be limited to 2 minutes.

REASONABLE ACCOMMODATIONS: The Corporation for National and Community Service provides reasonable accommodations to individuals with disabilities where appropriate. Anyone who needs an interpreter or other accommodation should notify Ida Green at *igreen@cns.gov* or 202–606–6861 by 5 p.m., Monday, October 17, 2011.

CONTACT PERSON FOR MORE INFORMATION: Emily Samose, Strategic Advisor for Board Engagement, Corporation for National and Community Service, 1201 New York Avenue, NW., Washington, DC 20525. *Phone:* (202) 606–7564. *Fax:* (202) 606–3460. *TTY:* (800) 833–3722. *E-mail: esamose@cns.gov.*

Dated: October 12, 2011.

Valerie Green,

General Counsel.

[FR Doc. 2011–26819 Filed 10–12–11; 4:15 pm]

BILLING CODE 6050–$$–P

DEPARTMENT OF DEFENSE

Department of the Army

Draft Programmatic Environmental Impact Statement (EIS) for Modernization of Training Infrastructure at Pōhakuloa Training Area (PTA), Hawai'i

AGENCY: Department of the Army, DoD.

ACTION: Notice of Availability.

SUMMARY: The United States Army Pacific and United States Army Garrison, Hawai'i propose to modernize training ranges, training support infrastructure (e.g., roads and utilities), and training support facilities in the cantonment area at PTA to meet the training requirements of military units in Hawai'i. This modernization would improve the quality of training, make more efficient use of facilities at PTA and reduce a current shortfall in collective (group) live-fire training capabilities for units stationed in Hawai'i. The shortfall has been created by ranges that do not meet current Army design standards or are otherwise not resourced to train platoon and company-sized units when they deploy with their battalions and brigades to PTA to conduct semiannual training. In addition, much of the training support facilities and training support infrastructure at PTA are old, are operating beyond their useful life and do not meet current DoD design standards as defined in the Military Standard 3007 Unified Facilities Criteria and Unified Facilities Guide Specifications.

The Army provides a list of modernization projects that could be built in the reasonably foreseeable future within the Draft Programmatic EIS. The modernization list also includes requirements from the U.S. Marine Corps (another major user of PTA), with these projects being evaluated in the cumulative impacts section of the Draft Programmatic EIS. These projects are essential to support modernization of PTA, and to ensure that the Army and other users of PTA continue to have ready access to sustainable training ranges, training support infrastructure (*e.g.,* roads and utilities), and training support facilities in the cantonment area.

The Draft Programmatic EIS specifically addresses the requirement for an Infantry Platoon Battle Area (IPBA) at PTA that would include an Infantry Platoon Battle Course (IPBC), Live-fire Shoothouse, and Military Operations on Urban Terrain (MOUT) facility. Other projects on the modernization list are not fully mature because they are still in the planning process and are not yet ready for decision. The Army plans to tier from this Draft Programmatic EIS to address those projects at a time when design alternatives are ready for decision. The IPBA is the only modernization project ready for decision presently.

DATES: The public comment period will end 45 days after publication of the notice of availability in the **Federal Register** by the U.S. Environmental Protection Agency.

ADDRESSES: Written comments may be addressed to PTA PEIS, P.O. Box 514, Honolulu, HI 96809; facsimiles may be sent to (808) 545–6808; and emails may be addressed to *PTAPEIS@bah.com.*

FOR FURTHER INFORMATION CONTACT: USAG–HI Public Affairs Office by phone at (808) 656–3152 Monday through Friday 9 a.m. to 5 p.m. HST.

SUPPLEMENTARY INFORMATION: The Army examined the potential environmental impacts from siting and operating the IPBA at either the Western Range Area of PTA (preferred alternative), Charlie's Circle, or near the southwest side of Range 20; or to not build and operate the IPBA at all.

An IPBC is used to train and test infantry platoons, either mounted or dismounted, on the skills necessary to conduct tactical movement techniques, and to detect, identify, engage, and defeat stationary and moving infantry and armor targets in a tactical array. The Live-fire Shoothouse provides Army unit leaders with a facility to train and evaluate the unit during a live-fire exercise. The MOUT facility includes the construction or placement of approximately 24 modular structures to replicate small villages for units to complete training tasks in an urban/semi-urban operating environment.

Each proposed IPBA location would be sited within the existing impact area at PTA. For all alternatives (with the exception of No Action), the IPBA would be available 242 training days per year.

Some of the major potential impacts discussed for the proposed IPBA are associated with the possible effects to air quality, historic resources, and threatened and endangered species; encountering munitions and explosives of concern; and igniting wildfires. The Army is formally consulting with the Hawai'i State Historic Preservation Division and other consulting parties, and the U.S. Fish and Wildlife Service to determine the extent of impacts to cultural and biological resources, respectively.

The other range-related modernization projects would have impacts similar to the IPBA; and, in addition, adverse construction-related impacts are possible in the cantonment area related to air quality, stormwater, and noise. The Army will examine all of these potential impacts more thoroughly in future project-specific National Environmental Policy Act documents.

Copies of the Draft Programmatic EIS are available at the following libraries:

Newspaper Advertisement Announcing Public Hearings and Availability of the Draft PEIS

THE U.S. ARMY INVITES YOU TO PARTICIPATE

in the Programmatic Environmental Impact Statement (EIS) for modernization of training infrastructure and construction and operation of an Infantry Platoon Battle Area at Pohakuloa Training Area (PTA), Hawaii.

The U.S. Army is publishing a Draft Programmatic EIS evaluating the potential environmental effects associated with modernizing PTA. The draft document evaluates the proposed action and alternatives to upgrade existing ranges or construct new ranges, update or construct new facilities in the cantonment area, and improve or construct roads and utilities that support training ranges and the cantonment area at PTA. The Draft Programmatic EIS also evaluates the construction and operation of an Infantry Platoon Battle Area (IPBA) that includes an Infantry Platoon Battle Course (IPBC), Live-fire Shoothouse, and Military Operations on Urban Terrain (MOUT) facility to improve a current shortfall in collective (group) live-fire training capabilities for units stationed in Hawaii

The Army published the Draft Programmatic EIS to ensure the public has an opportunity to review and comment on the proposed action. Additional opportunities for public participation include a 47-day public comment period and two public hearings. The comment period for the Draft Programmatic EIS ends November 30, 2011. A Final Programmatic EIS will be published following the comment period and incorporation of public comments.

Copies of the document are available at the following libraries:

- Kailua-Kona Public Library, 75-138 Hualalai Road, Kailua-Kona, HI
- Hilo Public Library, 300 Waianuenue Ave, Hilo, HI
- Thelma Parker Memorial Library, 67-1209 Mamalahoa Highway, Kamuela, HI
- Hawai'i State Library, 478 South King Street, Honolulu, HI

You can participate in a variety of ways to learn more about the project and to provide comments:

- Attend a public hearing
- Visit our website at www.garrison.hawaii.army.mil/PTAPEIS/ (electronic copy of the document available for download)
- Submit written comments to:
  PTA PEIS, P.O. Box 514, Honolulu, HI 96809
  Fax: (808) 545-6808 E-mail: PTAPEIS@bah.com

Written comments must be postmarked or received by November 30, 2011.

(38007r1 Hawaii Tribune-Herald: October 14, 15, 2011)

PUBLIC HEARINGS

TUESDAY
8 NOVEMBER 2011
Aunty Sally's
Kaleohano's Luau Hale
799 Piilani Street,
Hilo, HI 96720

6:30-7:30 P.M.
Poster Session

7:30-9:30 P.M.
Open Microphone Session
(4 minutes per speaker)

WEDNESDAY
9 NOVEMBER 2011
Waimea Elementary
School (cafeteria)
67-1225 Mamalahoa
Highway, Kamuela,
HI 96743

6:30-7:30 P.M.
Poster Session

7:30-9:30 P.M.
Open Microphone Session
(4 minutes per speaker)

Army Notice of Availability to PEIS Distribution List

From: PTAPEIS
Sent: Friday, October 28, 2011 9:41 AM
To: PTAPEIS
Subject: PTA Draft Programmatic EIS announcement

Ladies and Gentlemen,

The Department of the Army announces the availability of the Draft Programmatic Environmental Impact Statement (EIS) for Modernization of Training Infrastructure and Construction and Operation of an Infantry Platoon Battle Area at Pōhakuloa Training Area (PTA), Hawai'i.

The Draft Programmatic EIS considers the broad environmental concerns for the modernization of PTA ranges, training support infrastructure (e.g., roads and utilities), and training support facilities in the cantonment area and at Bradshaw Army Airfield. The document also analyzes the Army's first proposed modernization project at PTA, a site-specific action to construct and operate an Infantry Platoon Battle Area (IPBA) that includes an Infantry Platoon Battle Course (IPBC), Live-fire Shoothouse, and a Military Operations on Urban Terrain (MOUT) facility.

The document is available for review at http://www.garrison.hawaii.army.mil/PTAPEIS/.

We appreciate your interest and assistance in providing comments and insight as part of the NEPA analysis process.

The public comment period for this action ends on November 30, 2011.

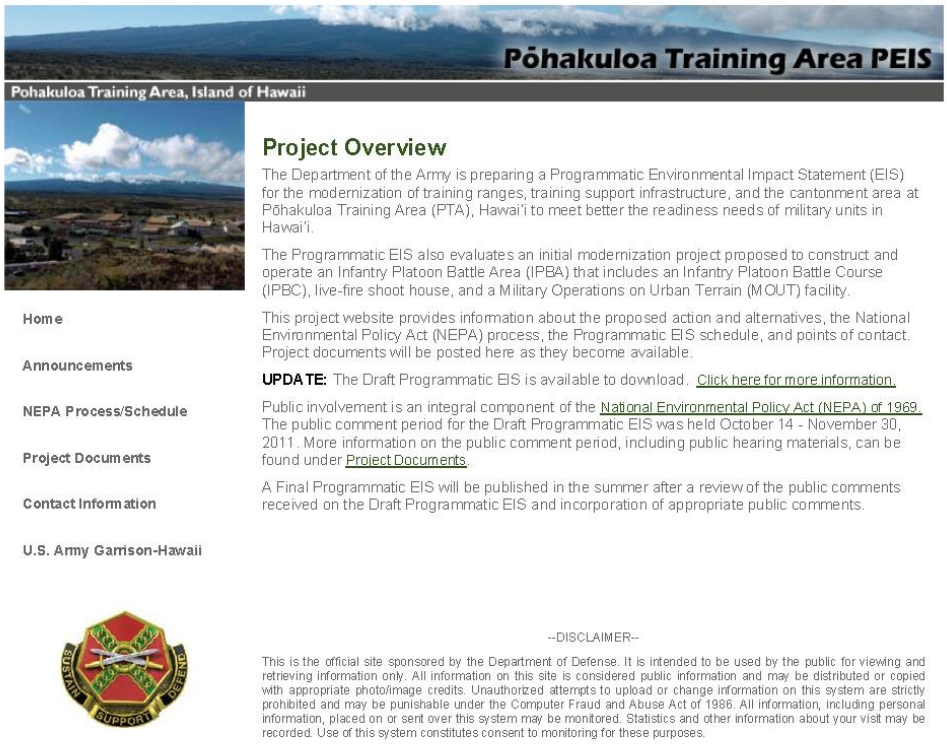
The public is encouraged to submit written comments to: PTA PEIS, P.O. Box 514, Honolulu, HI 96809 or via fax at (808) 545-6808 or e-mail: PTAPEIS@bah.com.

For further information, contact the U.S. Army Garrison Hawai'i's Public Affairs Office at (808) 656-3152 during normal business hours Monday through Friday 9 a.m. to 5 p.m. Hawaii Standard Time.

1

Screenshot of Official PEIS Website

Pōhakuloa Training Area PEIS, Island of Hawaii



Pōhakuloa Training Area PEIS

Pohakuloa Training Area, Island of Hawaii

Home

Announcements

NEPA Process/Schedule

Project Documents

Contact Information

U.S. Army Garrison-Hawaii

Project Overview

The Department of the Army is preparing a Programmatic Environmental Impact Statement (EIS) for the modernization of training ranges, training support infrastructure, and the cantonment area at Pōhakuloa Training Area (PTA), Hawai'i to meet better the readiness needs of military units in Hawai'i.

The Programmatic EIS also evaluates an initial modernization project proposed to construct and operate an Infantry Platoon Battle Area (IPBA) that includes an Infantry Platoon Battle Course (IPBC), live-fire shoot house, and a Military Operations on Urban Terrain (MOUT) facility.

This project website provides information about the proposed action and alternatives, the National Environmental Policy Act (NEPA) process, the Programmatic EIS schedule, and points of contact. Project documents will be posted here as they become available.

UPDATE: The Draft Programmatic EIS is available to download. Click here for more information.

Public involvement is an integral component of the National Environmental Policy Act (NEPA) of 1969. The public comment period for the Draft Programmatic EIS was held October 14 - November 30, 2011. More information on the public comment period, including public hearing materials, can be found under Project Documents.

A Final Programmatic EIS will be published in the summer after a review of the public comments received on the Draft Programmatic EIS and incorporation of appropriate public comments.

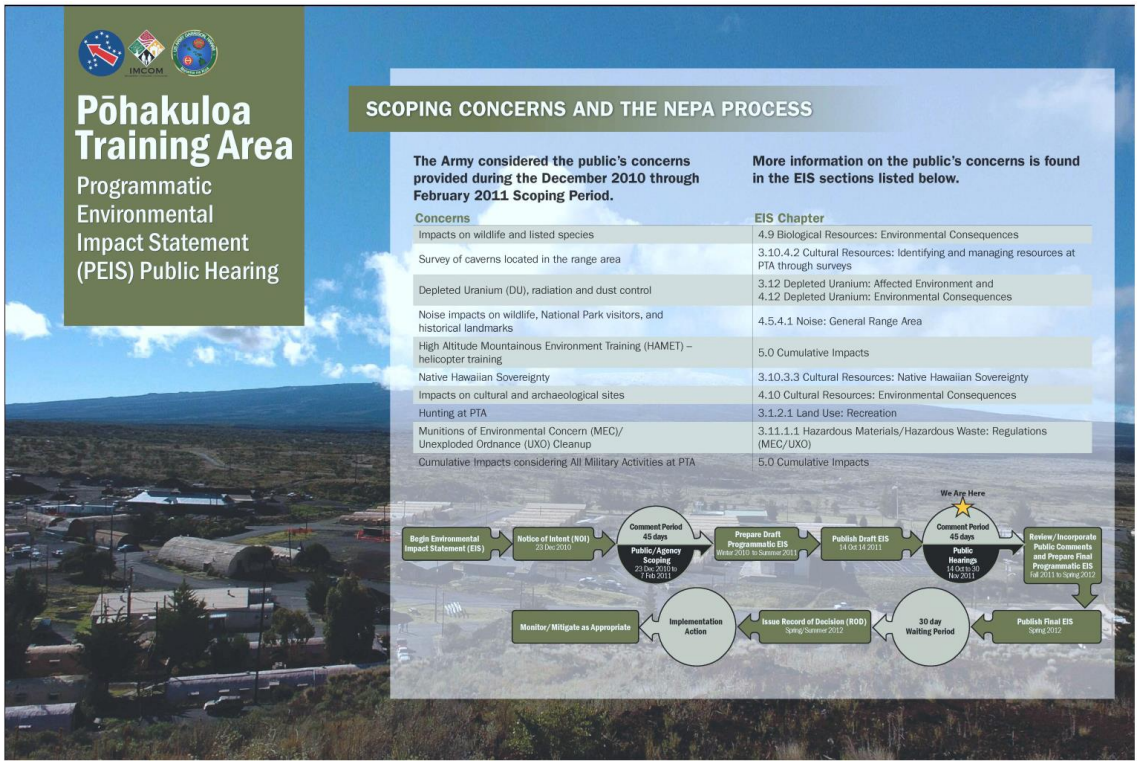
--DISCLAIMER--

This is the official site sponsored by the Department of Defense. It is intended to be used by the public for viewing and retrieving information only. All information on this site is considered public information and may be distributed or copied with appropriate photo/image credits. Unauthorized attempts to upload or change information on this system are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986. All information, including personal information, placed on or sent over this system may be monitored. Statistics and other information about your visit may be recorded. Use of this system constitutes consent to monitoring for these purposes.

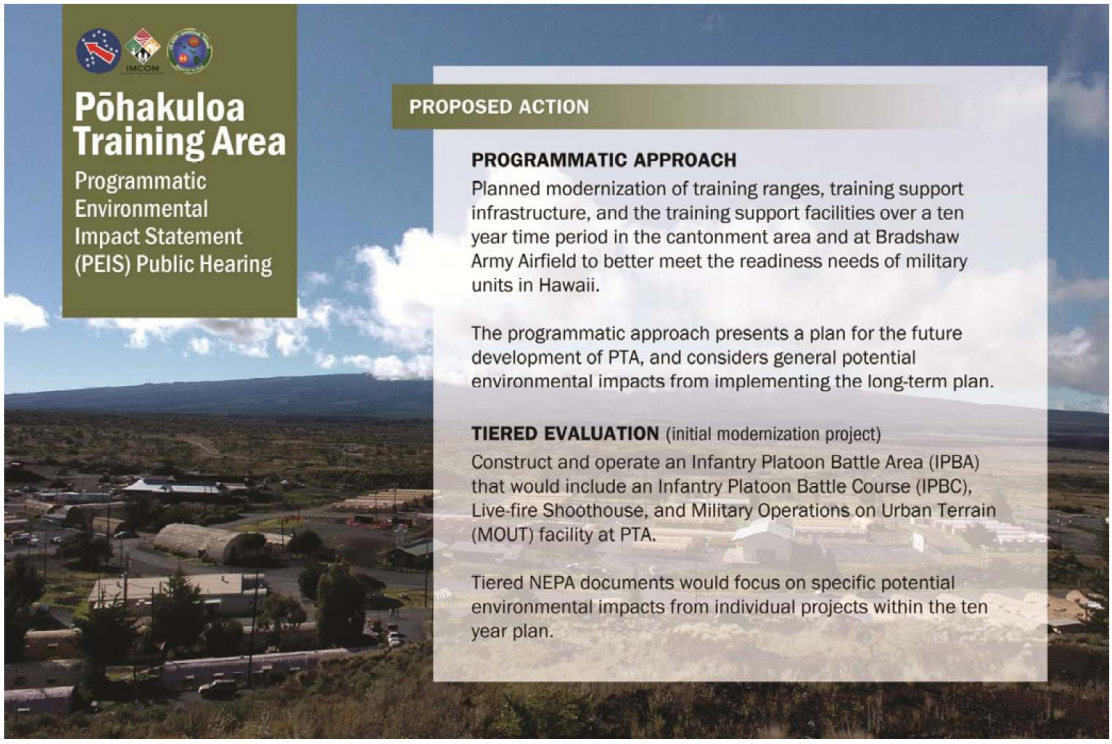
http://www.garrison.hawaii.army.mil/pta peis/

Draft PEIS Public Hearing Posters

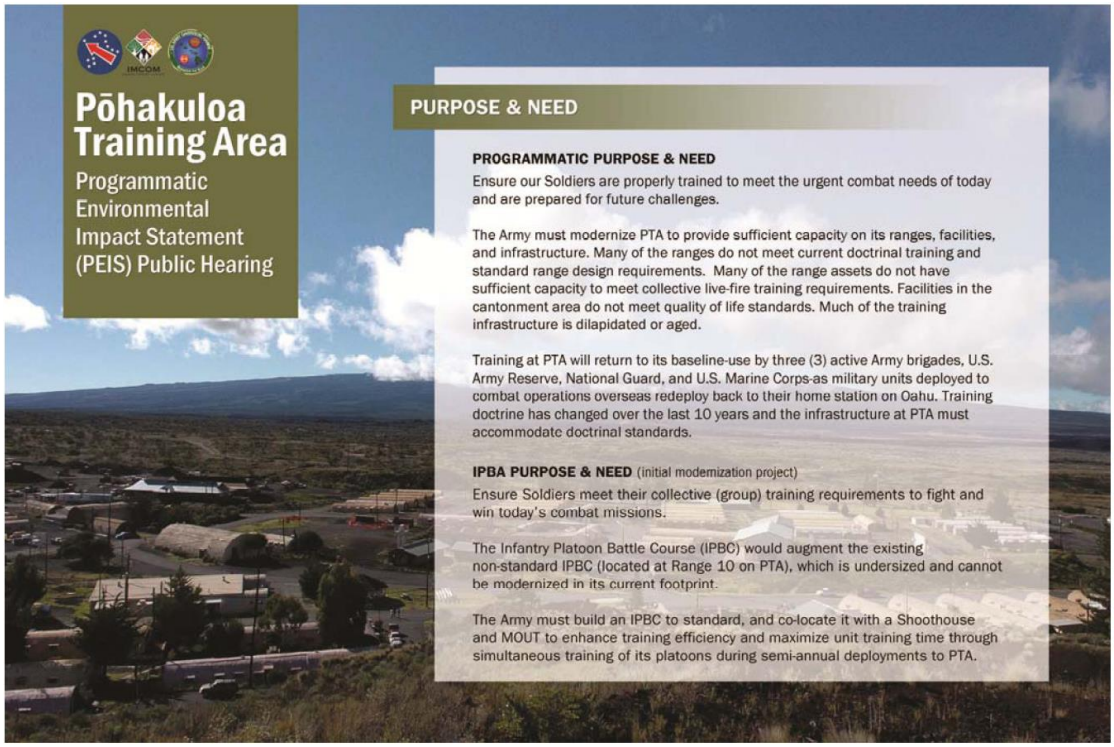
Scoping Concerns and the NEPA Process



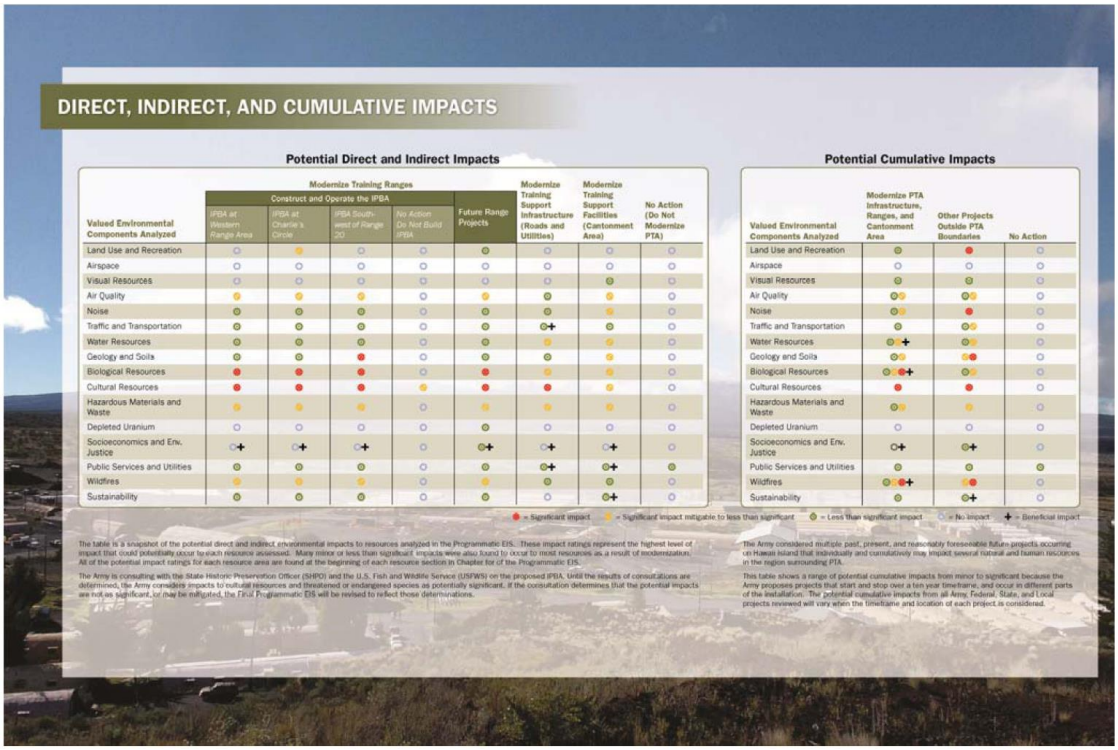
Proposed Action



Purpose and Need



Direct, Indirect, and Cumulative Impacts



DIRECT, INDIRECT, AND CUMULATIVE IMPACTS

Potential Direct and Indirect Impacts

Valued Environmental Components Analyzed	Modernize Training Ranges: Construct and Operate the IPBA: IPBA at Western Range Area	IPBA at Charlie's Circle	IPBA South-west of Range 20	No Action Do Not Build IPBA	Future Range Projects	Modernize Training Support Infrastructure (Roads and Utilities)	Modernize Training Support Facilities (Cantonment Area)	No Action (Do Not Modernize PTA)
Land Use and Recreation	○	●	○	○	◐	○	○	○
Airspace	○	○	○	○	○	○	○	○
Visual Resources	○	○	○	○	○	○	◐	○
Air Quality	●	●	●	○	●	◐	●	○
Noise	◐	◐	◐	○	◐	◐	●	○
Traffic and Transportation	◐	◐	◐	○	◐	◐+	◐	○
Water Resources	◐	◐	◐	○	◐	●	●	○
Geology and Soils	◐	◐	●	○	◐	◐	●	○
Biological Resources	●	●	●	○	●	●	●	○
Cultural Resources	●	●	●	●	●	●	●	○
Hazardous Materials and Waste	●	●	●	○	●	●	●	○
Depleted Uranium	○	○	○	○	◐	○	○	○
Socioeconomics and Env. Justice	○+	○+	○+	○	◐+	○+	○+	○
Public Services and Utilities	◐	◐	◐	○	◐	◐+	◐+	◐
Wildfires	●	●	●	○	●	◐	◐	○
Sustainability	◐	◐	◐	○	◐	○	◐+	○

● = Significant impact ● = Significant impact mitigable to less than significant ◐ = Less than significant impact ○ = No impact + = Beneficial impact

The table is a snapshot of the potential direct and indirect environmental impacts to resources analyzed in the Programmatic EIS. These impact ratings represent the highest level of impact that could potentially occur to each resource assessed. Many minor or less than significant impacts were also found to occur to most resources as a result of modernization. All of the potential impact ratings for each resource area are found at the beginning of each resource section in Chapter for of the Programmatic EIS.

The Army is consulting with the State Historic Preservation Officer (SHPO) and the U.S. Fish and Wildlife Service (USFWS) on the proposed IPBA. Until the results of consultations are determined, the Army considers impacts to cultural resources and threatened or endangered species as potentially significant. If the consultation determines that the potential impacts are not as significant, or may be mitigated, the Final Programmatic EIS will be revised to reflect those determinations.

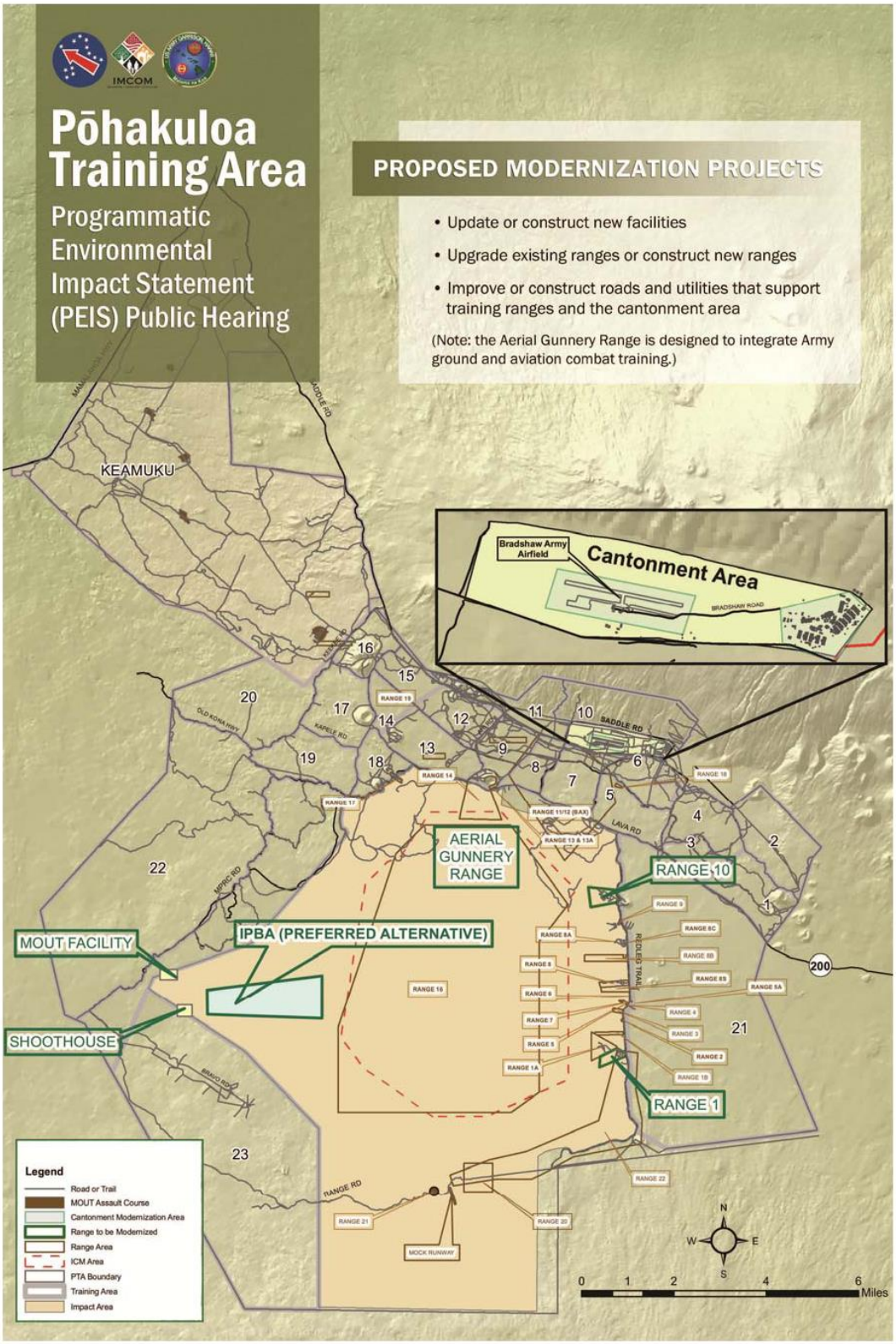
Potential Cumulative Impacts

Valued Environmental Components Analyzed	Modernize PTA Infrastructure, Ranges, and Cantonment Area	Other Projects Outside PTA Boundaries	No Action
Land Use and Recreation	◐	●	○
Airspace	○	○	○
Visual Resources	◐	◐	○
Air Quality	◐●	◐●	○
Noise	◐●	●	○
Traffic and Transportation	◐	◐●	○
Water Resources	◐●+	◐●	○
Geology and Soils	◐●	●●	○
Biological Resources	◐●●+	◐●	○
Cultural Resources	●	●	○
Hazardous Materials and Waste	◐●	●	○
Depleted Uranium	○	○	○
Socioeconomics and Env. Justice	○+	◐+	○
Public Services and Utilities	◐	◐	◐
Wildfires	◐●●+	●●	○
Sustainability	◐	◐+	○

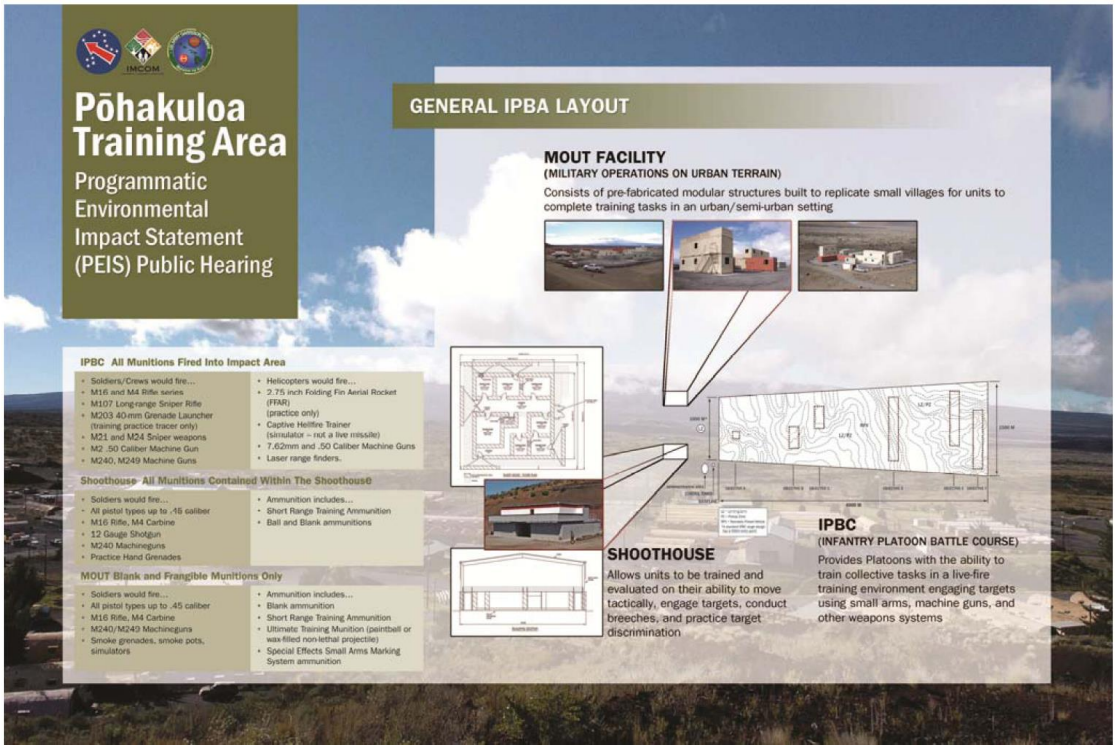
The Army considered multiple past, present, and reasonably foreseeable future projects occurring on Hawaii Island that individually and cumulatively may impact several natural and human resources in the region surrounding PTA.

This table shows a range of potential cumulative impacts from minor to significant because the Army proposes projects that start and stop over a ten year timeframe, and occur in different parts of the installation. The potential cumulative impacts from all Army, Federal, State, and Local projects reviewed will vary when the timeframe and location of each project is considered.

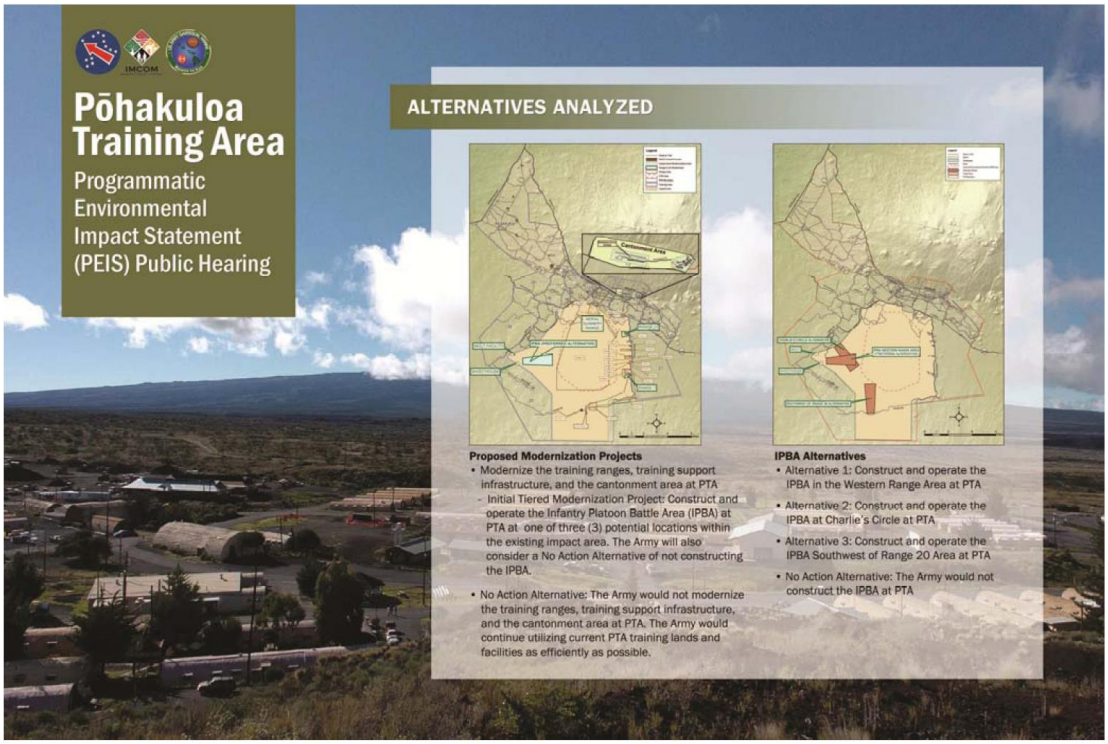
Proposed Modernization Projects



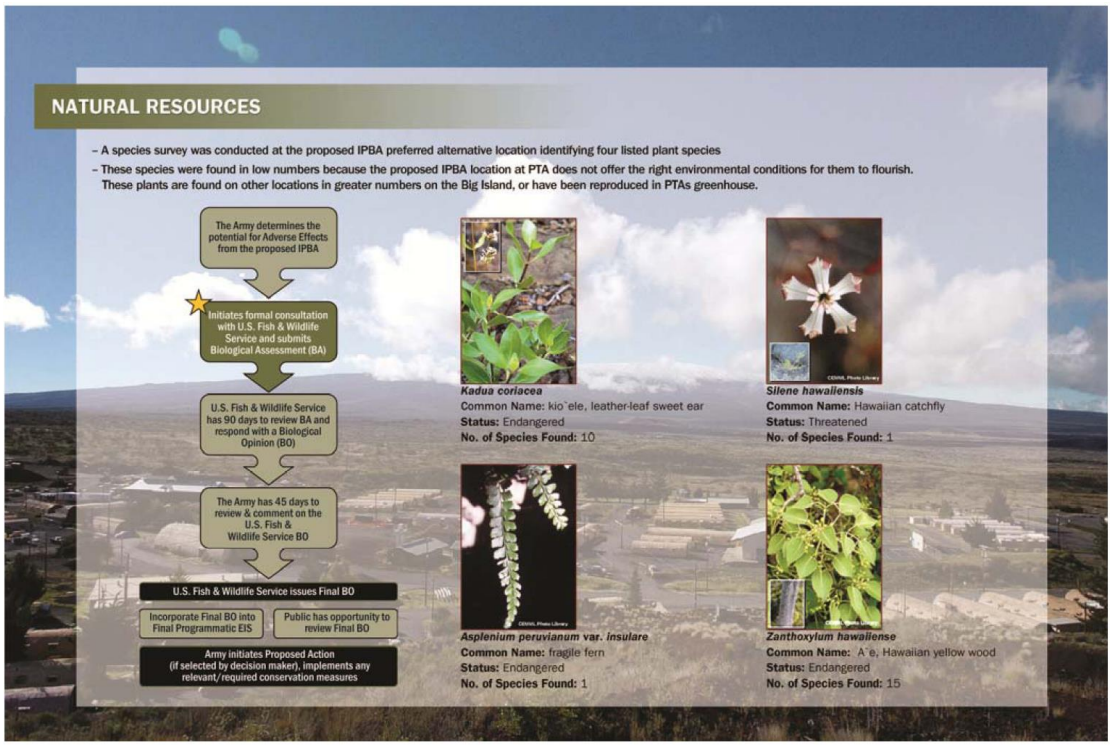
General IPBA Layout



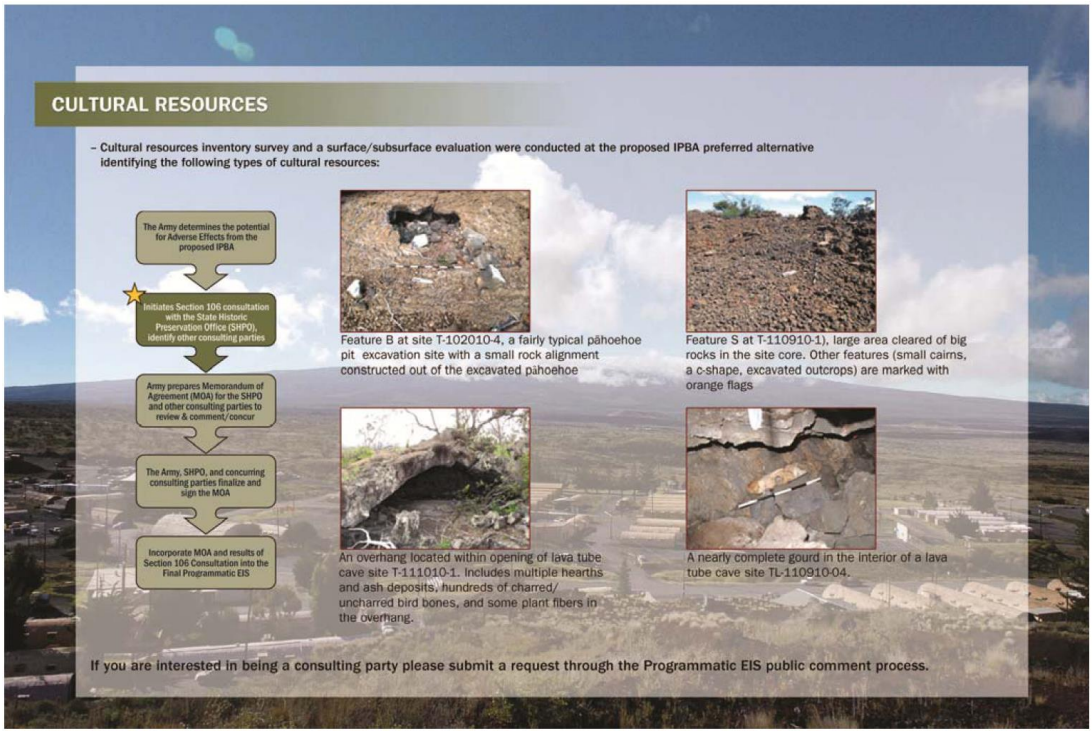
Alternatives Analyzed



Natural Resources



Cultural Resources



Draft PEIS Public Hearing Materials

PEIS Public Hearing Handout

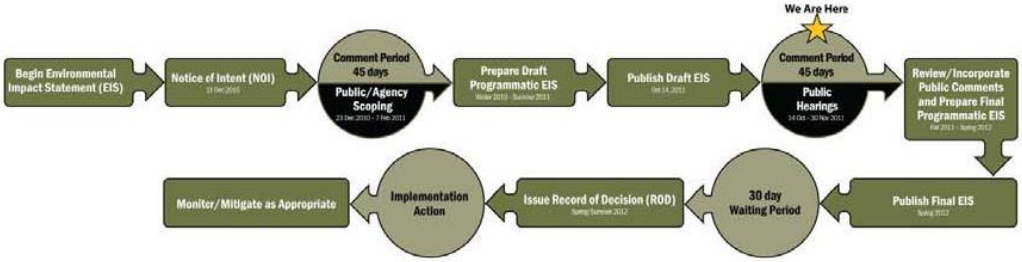
Pōhakuloa Training Area Draft Programmatic EIS

Public Hearing - November 2011

Aloha!

Thank you for attending tonight's Pōhakuloa Training Area (PTA) Draft Programmatic Environmental Impact Statement (EIS) public hearing.

In January 2011, the Army held scoping meetings, similar in format to this public hearing, to request insight from the public on the proposed projects. As part of the National Environmental Policy Act (NEPA) process, the Army is requesting your comments related to the Draft Programmatic EIS.



The public hearing will begin with a poster session from 6:30 to 7:30 p.m. which allows you the opportunity to familiarize yourself with the proposed projects. We invite you to view our posters, maps and information we have displayed. Following the poster session, you are invited to present your thoughts, ideas and concerns during the open microphone session. The open microphone session will take place from 7:30 to 9:30 p.m. If you are interested in speaking, please sign up at the front desk. Each speaker's contributions will be documented by the court reporter in a 4 minute allotment so that all who wish to speak have an equal opportunity to provide comment. If you feel you need more time, we encourage you to provide your additional comments to the court recorder before the conclusion of this evening's hearing. You also have the opportunity to provide written comment tonight if you choose not to speak, as well as at any time during the comment period ending on November 30, 2011.

We sincerely appreciate your interest and involvement in the EIS process. Your input helps us to identify community concerns and environmental issues to be addressed in this Programmatic EIS. As always, we will consider all comments that are provided to us throughout this procedure.

Mahalo!

Draft Programmatic Environmental Impact Statement for Modernization of Training Infrastructure and Construction and Operation of an Infantry Platoon Battle Area at Pōhakuloa Training Area (PTA), Hawai'i

The U.S. Army has prepared a Draft Programmatic Environmental Impact Statement (EIS) to evaluate potential environmental effects associated with modernizing PTA to better support the readiness of the military. The U.S. Army Pacific (USARPAC) and the U.S. Army Garrison-Hawai'i (USAG-HI) are the lead agencies for this effort. The Draft Programmatic EIS considers the broad environmental concerns for the modernization of PTA ranges, training support infrastructure (e.g., roads and utilities), and training support facilities in the cantonment area and at Bradshaw Army Airfield. Subsequent National Environmental Policy Act (NEPA) studies will analyze site-specific actions and their potential impacts. The Draft Programmatic EIS also includes an analysis of the Army's first proposed modernization project at PTA, a site-specific action to construct and operate an Infantry Platoon Battle Area (IPBA) that would include an Infantry Platoon Battle Course (IPBC), Live-fire Shoothouse, and a Military Operations on Urban Terrain (MOUT) facility. The Draft Programmatic EIS presents three alternative locations for the IPBA within the PTA impact area, and the No Action Alternative to not build and operate the IPBA at all.

None of the Army's proposed actions in this Programmatic EIS involve the acquisition of additional land, training off the current installation boundary or increasing training over historical levels at PTA.

In accordance with NEPA, the Army is requesting comments on the Draft Programmatic EIS. The document is available for review at http://www.garrison.hawaii.army.mil/PTAPEIS/. In addition, copies of the document are available at the following libraries:

- Kailua-Kona Public Library, 75-138 Hualalai Road, Kailua-Kona, HI
- Hilo Public Library, 300 Waianuenue Ave, Hilo, HI
- Thelma Parker Memorial Library, 67-1209 Mamalahoa Highway, Kamuela, HI
- Hawai'i State Library, 478 South King Street, Honolulu, HI

A Final Programmatic EIS will be published in the spring/summer 2012.

We appreciate your participation and note that there are a variety of ways to learn more about the project and to provide comments:

- Submit written comments to: PTA PEIS, P.O. Box 514, Honolulu, HI 96809
  Or via fax at (808) 545-6808 or e-mail: PTAPEIS@bah.com
- Submit a comment form (available at the front desk) at the public hearing.
- Provide a comment to the court recorder at tonight's scoping meeting.
- Visit our project website at: http://www.garrison.hawaii.army.mil/PTAPEIS/

Written comments must be postmarked or received by November 30, 2011.

Cumulative Effects Impact Assessment Handout

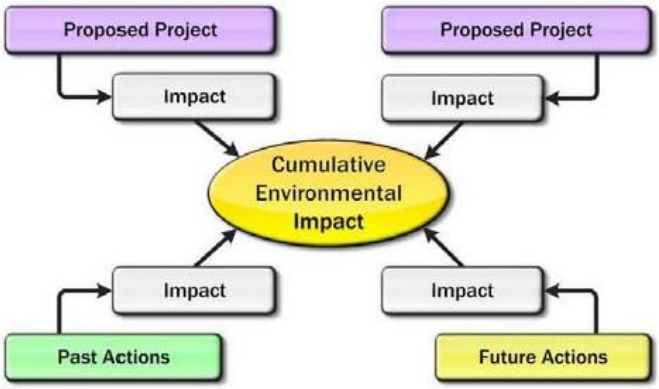
Pōhakuloa Training Area (PTA) Draft Programmatic EIS

Cumulative Effects Impact Assessment

The Army considered past, present, and reasonably foreseeable future projects on Hawai'i Island as part of the cumulative effects impact analysis for this Draft Programmatic EIS. The Army identified these projects through the review of: (1) recent NEPA documentation (Federal projects and federally funded State projects); (2) the State Implementation Plan; (3) military training requirements at PTA (all Services); (4) comments received during the public scoping period; (5) internet research; and (6) projects proposed in this Programmatic EIS that cover the next 10 years. The Army further reviewed the short- and long-term impacts each individual project was projected to have to the environment over time based on available data. The Army considered how each project could impact the natural and human environment in relation to all projects proposed in this Programmatic EIS. Even though some projects may not individually cause serious environmental impacts, when combined with the proposed projects in this EIS, or other State, Federal/Military projects occurring nearby and within the same time frame, the environmental impacts may become more severe.

For example, noise levels at the PTA Cantonment Area are low due to Troop deployments overseas and because the area is relatively secluded from large communities. However, noise there is anticipated to increase incrementally as more commuters begin to travel along the improved Saddle Road; as more Solders begin to redeploy from Iraq and Afghanistan and recommence their semi-annual training at PTA (not beyond historic levels); and when construction begins within the Cantonment Area. Individually, these actions may only contribute to temporary noise increases, but when taken together over a longer time period, these actions may have a more serious noise impact at and around the PTA Cantonment Area.

The table below lists project information for projects the Army considered when preparing the cumulative effects impact analysis. Section 5.2.1 of the Draft Programmatic EIS presents more descriptive information on each listed project. If you have questions or comments, please fill out a comment form provided to you at the Public Hearing or found online at www.garrison.hawaii.army.mil/PTAPEIS.



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Projects on Hawai'i Island implemented in the Past, Present, and Reasonably Foreseeable Future

Project Name	Location	Sponsor	Description	Completion (Yr.)
Puainako Street Widening and Extension project	Hilo, Hawai'i Island	Federal Highways Administration (FHA) & State of Hawai'i Department of Transportation (DOT)	Widened 1.5-mile long section between Kilauea Avenue and Komohana Street, Puainako Street from two to four lanes with dual sidewalks and bicycle lanes.	2004
Outrigger Telescopes Project	Mauna Kea, Hawai'i Island	National Aeronautics and Space Administration (NASA)	Construction and operation of six outrigger telescopes in the W. M. Keck Observatory site at the Mauna Kea Summit.	2006 (NASA funding withdrawn)
Undersea Warfare Exercise	Hawai'i Island	Navy	Conducted exercise by the U.S. Navy's Carrier and Expeditionary Strike Groups while in transit from the west coast of the U.S. to the western Pacific Ocean.	2007
Deepening of the Kawaihae Deep Draft Harbor	Kawaihae Harbor, Hawai'i Island	State of Hawai'i	Deepened harbor to allow for increased drafts.	2008
Mock Airfield	PTA, Hawai'i Island	Navy	Proposed construction of a mock airfield at the PTA impact area; install and operate technology to aid in simulated training exercises.	2010
Permanent Stationing of the 2/25th Stryker Brigade Combat Team (SBCT)	Hawai'i Island	Army	Transformation of the 2/25th (L) Brigade Combat Team (BCT) to a SBCT involving use of additional tactical vehicles, modification of training infrastructure at PTA, and acquisition of the Ke'āmuku Maneuver Area (KMA).	Ongoing
Development and Use of Military Training Facilities on PTA	PTA, Hawai'i Island	U.S. Marine Corps (USMC)	Development of training facilities at PTA, including a Military Operations in Urban Terrain (MOUT) facility, Convoy Live Fire (CLF) range, enhancement of three forward operating base sites; and construct a live-fire grenade/Shoothouse facility.	Ongoing
Draft Zero Waste Implementation Plan	Hawai'i Island	County of Hawai'i Department of Environmental Management, Solid Waste Division & Recycling Section	Initiative to reduce the County's ecological footprint and divert resources from the landfill for recovery and reuse.	Ongoing
Current Army use of PTA	Hawai'i Island	Army	Description of Army activities is found in Section 1.3.1.1	Ongoing
Current USMC use of PTA	Hawai'i Island	USMC	Description of USMC activities is found in Section 1.3.1.2	Ongoing
Rim of the Pacific Exercises and current Navy use of PTA	Hawai'i Island	Navy, Joint Forces	Description of Navy activities is found in Section 1.3.1.3	Ongoing
Current Air Force use of PTA	Hawai'i Island	Air Force	Description of Air Force activities is found in Section 1.3.1.4	Ongoing
Six-year Highways Modernization Plan	Hawai'i Island	State of Hawai'i DOT	Highway Modernization Plan including 27 projects on Hawai'i Island to increase highway capacity, improve safety, replace bridges, stabilize rock fall and slope areas, protect shorelines, and preserve pavement.	Announced 2009; ongoing
Hawai'i-Southern California Training and Testing (HSTT) EIS / Overseas EIS (OEIS)	Hawai'i Island, Hawai'i Range Complex; select Navy pier side locations	Navy	EIS / OEIS to evaluate the potential environment affects associated with military readiness training and research, development, testing, and evaluation (RDT&E) activities conducted within the HSTT study area.	Ongoing
Training and Evaluation Activities in the Hawai'i Range Complex (HRC)	Pacific Region	Navy	Navy is currently conducting RDT&E activities in the HRC on new technologies including mid-frequency (MFA) and high-frequency (HFA) sonar.	Ongoing
Paving Mauna Kea Access Road	Hale Pohaku, Hawai'i Island	State of Hawai'i DOT	Proposed paving of the remaining dirt portions of the Mauna Kea access road.	TBD
'Āina Mauna Legacy Program	Hawai'i Island	Department of Hawaiian Homelands (DHHL)	Homesteading program established to provide economic self-sufficiency of Native Hawaiians through the provision of land granted by the DHHL within the 'Āina Mauna ecosystem (upper region of mountain lands that surround and include Mauna Kea).	TBD

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Project Name	Location	Sponsor	Description	Completion (Yr.)
High-Altitude Mountainous Environmental Training (HAMET)	Hawai'i Island (PTA, Mauna Loa, and Mauna Kea)	Army	The Army prepared an Environmental Assessment (EA) for the 25th ID Combat Aviation Brigade (CAB), stationed on Oahu, proposed training of helicopter pilots and crews for high-altitude (mountainous) missions in preparation for deployment to Afghanistan, and to satisfy compulsory aviation training doctrine.	2011
Panoramic Survey Telescope & Rapid Response System (Pan-STARRS) – PS4 Telescope Suite	Area A, Hawai'i Island	University of Hawai'i's Institute of Astronomy	Replace existing UH 2.2 m telescope in Area A with four 1.8 m telescopes in a single enclosure to enable remote and/or robotic operation.	2012 (Pending)
Basing of the MV-22 and H-1 Aircraft in Support of III Marine Expeditionary Force Elements in Hawai'i	Oahu and Hawai'i	Navy, USMC	The Navy and USMC are preparing an EIS for the basing and operation of MV-22 Osprey aircraft and H-1 Cobra and Huey attack helicopters in support of III Marine Expeditionary Force elements stationed in Hawai'i.	2012
Saddle Road Realignment	Hilo/Kona, Hawai'i Island	Army	Project to straighten, repave, and separate military training from motorists.	2012
Former Waikoloa Maneuver area and Nansay sites	Waikoloa, Hawai'i Island	Army	Munitions and Explosives of Concern (MEC)/Unexploded Ordnance (UXO) clearance on the former Waikoloa Maneuver area.	2015
Caltech Submillimeter Observatory Decommission	Area C of Mauna Kea, Hawai'i Island	Caltech	Decommissioning and removal of Caltech's Submillimeter Observatory.	2018
Range Maintenance Facility	PTA Cantonment Area, Hawai'i Island	Army	Proposed construction of a consolidated range maintenance complex on a previously developed site in the PTA Cantonment Area.	2015
PTA Test Well	PTA Cantonment Area, Hawai'i Island	Army University of Hawai'i	The Army and University of Hawai'i are currently preparing an EA for public review related to drilling of a proposed test well (at a depth of 47 m or 1,500 ft) to determine the existence of a potable water source beneath PTA. .	2015
PTA Production Well	PTA Cantonment Area, Hawai'i Island	Army	Proposed deep water well and construction of a water distribution system that would extend throughout the PTA Cantonment Area (dependent upon success of test well).	2016
Packaged Sewer System	PTA Cantonment Area, Hawai'i Island	Army	Proposed sewer system at PTA (dependent upon production well) to provide an advanced level of treatment of sewage along with a collection and discharge system for Cantonment Area effluent.	2017
Storm Drainage System	PTA Cantonment Area, Hawai'i Island	Army	Proposed construction of a Cantonment Area-wide storm collection/drainage system (dependent upon production well).	2017
Communications System	PTA, Hawai'i Island	Army	Proposed construction of an installation-wide communication system at PTA.	2018
Bradshaw Army Airfield (BAAF) Runway Realignment	PTA Cantonment Area, Hawai'i Island	USMC	Proposed realignment and extension of the runway at BAAF, including construction of supporting infrastructure.	2018
Rotary Wing Apron and Aircraft Maintenance Facility	PTA Cantonment Area, Hawai'i Island	USMC, Army	Proposed construction at BAAF to enhance PTA's capability to provide air combat support and maintenance capability to aviation assets.	2018
Military Police (MP) Station	PTA Cantonment Area, Hawai'i Island	Army	Proposed relocation of the MP station at PTA to the installation main gate to be compliant with military regulation.	2018
Troop Issue Subsistence Activity (TISA)	PTA Cantonment Area, Hawai'i Island	Army	Proposed relocation of the existing TISA at PTA to the proposed industrial area of the installation.	2018
Dining Facility (DFAC)	PTA Cantonment Area, Hawai'i Island	Army	Proposed relocation and construction of a DFAC at PTA that would effectively consolidate the three dining facilities located at the installation.	2018

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Project Name	Location	Sponsor	Description	Completion (Yr.)
Battalion Billets	PTA Cantonment Area, Hawai'i Island	Army	Proposed construction of up to 37 single story concrete masonry units (CMU) (buildings) to temporarily house up to a battalion of Soldiers training at PTA replacing many of the existing and dilapidated Quonset Huts in the Cantonment Area.	2019
Fire Station	PTA Cantonment Area, Hawai'i Island	Army	Proposed construction of a fire station at BAAF, to serve as a first response / emergency response facility and Aircraft Rescue Fire Fighting Fire Station.	2019
Physical Fitness Center	PTA Cantonment Area, Hawai'i Island	Army	Proposed construction of a small physical fitness center of standard design, for up to a 1,000 person capacity.	2020
Multipurpose Storage Facility	PTA Cantonment Area, Hawai'i Island	USMC	Proposed construction of a permanent storage facility at PTA to gain efficiencies in meeting semi-annual training requirements at the installation.	2020
Department of Public Works (DPW) Maintenance Shop	PTA Cantonment Area, Hawai'i Island	Army	Proposed construction of a DPW maintenance shop within the PTA Cantonment Area to provide regular upkeep and repair of non-tactical vehicle and equipment assets that are used for daily operations.	2022
Directorate of Logistics (DOL) Base Yard	PTA Cantonment Area, Hawai'i Island		Proposed construction of a DOL Base Yard at the PTA Cantonment Area, which is analogous to a parking and storage area for military equipment and vehicles.	2022
Urban Close Air Support (UCAS) Range	PTA., Hawai'i Island	USMC	Proposed construction of an UCAS range, located adjacent to the recently constructed Navy Mock Runway, in the southern portion of the PTA impact area to aid in training exercises for USMC aviators.	TBD

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