



DRAFT ENVIRONMENTAL IMPACT STATEMENT COMMENT SUMMARY REPORT

Pacific Missile Range Facility and Kōke'e Park Geophysical Observatory Real Estate Environmental Impact Statement

December 2025

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**Pacific Missile Range Facility and Kōkeʻe Park Geophysical Observatory
Real Estate Draft Environmental Impact Statement
Comment Summary Report**

This report summarizes public comments received during the comment period for the United States (U.S) Department of the Navy (Navy) and the National Aeronautics and Space Administration (NASA) *Pacific Missile Range Facility (PMRF) and Kōkeʻe Park Geophysical Observatory (KPGO) Real Estate Environmental Impact Statement (EIS)*. The Proposed Action analyzed in the Draft EIS is for the Navy to retain 8,172 acres of state lands on Kauaʻi, Hawaiʻi, for operational continuity and sustainment, in support of continued military training, testing, and facility operations at PMRF. NASA proposes to retain 23 acres of state lands on Kauaʻi, Hawaiʻi, in support of continued operations including measurements of the Earth’s rotation and local land motion at KPGO.

The public comment period for the National Environmental Policy Act (NEPA) started on June 20, 2025, with the publication of the Notice of Availability (NOA) in the *Federal Register*, and for the Hawaiʻi Revised Statutes (HRS) Chapter 343 (commonly known as the “Hawaiʻi Environmental Policy Act [HEPA]”) on June 23, 2025, with the publication of the Draft EIS in *The Environmental Notice*. The public comment period ended on August 7, 2025. The purpose of public involvement and outreach during the comment phase was to invite the public, elected officials, government agencies, nongovernmental organizations, Native Hawaiian Organizations, and all interested stakeholders to review and comment on the Draft EIS in accordance with NEPA and HEPA. As part of the public comment period, the Navy and NASA solicited feedback on the Draft EIS which included the proposed real estate action, potential impacts of the alternatives, environmental and/or cultural concerns, and sought information the public would like the Navy and NASA to know and any other information the public would like to see addressed in the Final EIS. The comment period also served as an opportunity to obtain public input concerning potential effects to historic properties pursuant to Section 106 of the National Historic Preservation Act (NHPA) and HRS Section 6E-8.

During the public comment period, the Navy and NASA hosted public meetings at three locations on Kauaʻi. Each meeting included a live online broadcast and public comment opportunity to submit written or oral comments (both in person and/or online).

The Navy and NASA recognize the importance of public engagement and have made significant efforts to encourage public participation during development of the EIS. These efforts exceed those required by NEPA and HEPA in order to ensure the broadest effort to notify, inform, and engage the public during the Draft EIS public comment period.

Outreach efforts included the following:

- A 48-day comment period (NEPA) and 45-day comment period (HEPA);
- Multiple, consecutive newspaper advertisements and social media postings;
- Stakeholder informational presentations held during the public comment period;
- Regularly scheduled informational presentations with Department of Land and Natural Resources (DLNR) Land Division;
- Notification letters, postcard mailers, and flyers;

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- Publication of materials on the project website (<https://www.pmr-f-kpgo-eis.com/>) and PMRF websites (<https://pmrfkauai.com/>; <https://cnrh.cnrc.navy.mil/Installations/PMRF-Barking-Sands/>); and
 - Three locations on Kaua'i were selected for public meetings with geographic convenience for the general public; additionally, each meeting included a live online broadcast to ensure participants from other locations could give their testimony.

Summary of Activities

A. PUBLIC OUTREACH INFORMATION

Project Website

The Navy and NASA established a website at the initiation of the scoping process on May 8, 2024, to provide the public with project information. The website has remained active throughout the EIS process. The website serves as a repository of information and includes notices, maps, the public scoping meeting presentation, public meeting information, public comment information, posters and fact sheets, and other project information. Other highlights of the website include information on the environmental planning process, PMRF conservation and community activities, responses to frequently asked questions (FAQs), and contact forms for the public to reach out to the EIS team and to subscribe to receive future notifications. During the public comment period, the public could submit comments via the website using the online comment form.

The project website for the Navy and NASA is <https://www.pmr-f-kpgo-eis.com> and the address is included on all public notifications and informational materials. Fact sheets and a link to the project website can be found at NASA's Space Geodesy Project (SGP) website <https://space-geodesy.nasa.gov>, on the PMRF installation website at <https://cnrh.cnrc.navy.mil/Installations/PMRF-Barking-Sands/>, and on PMRF's "One Kaua'i" website <https://pmrfkauai.com>. As described in the Draft EIS, the PMRF One Kaua'i website and quarterly newsletter were developed as part of the Enhanced Engagements, and are detailed in Enhanced Engagement-4 in the Draft EIS.

Selected screen captures of the websites and One Kaua'i quarterly newsletter are found in Attachment A.

Stakeholder Informational Presentations

Monthly informational presentations with the Navy, NASA, and DLNR Land Division started on May 28, 2024, and continue to occur on the last Tuesday of every month. Other stakeholder informational engagements include:

- Aha Moku Council representatives on June 23, 2025, and August 28, 2025;
- Board of Land and Natural Resources (BLNR)/DLNR leadership on July 8, 2025;
- Governor's staff on July 8, 2025;
- Media interview with Catherine Cruz of Hawai'i Public Radio on July 14, 2025;
- Lieutenant Governor and others on July 23, 2025;
- Office of Hawaiian Affairs (OHA) on July 24, 2025;
- House of Representatives on July 28, 2025 (including the following: Representative Nadine Nakamura, Speaker; Representative Linda Ichiyama, Vice Speaker; Representative Dee Morikawa; Representative Luke Evslin; Representative Chris Todd, FIN; Representative Della Au

Belatti, PBS; Representative Mark Hashem, WAL; Representative Nicole Lowen, EEP; Representative David Tarnas, JHA; and Representative Cory Chun, AGR);

- Media interview with Larry Graff of KKCR radio on July 28, 2025;
- Kaua'i County Council (1 to 2 councilmembers at a time) on August 6 and 7, 2025;
- Hawai'i Senate leadership on August 18, 2025;
- Governor's staff and the Military and Community Relations Office (MACRO) visit to PMRF on August 21, 2025; and
- Department of Hawaiian Homelands on September 22, 2025.

Presentations included information about the Navy and NASA missions at PMRF and KPGO, respectively; the summary of the Draft EIS, including the Proposed Action and alternatives and the effects analysis; its purpose and need; the NEPA, HEPA, and Section 106 processes; consultations and coordination; resources affected; public involvement opportunities; and Navy and NASA natural resource management activities.

B. PUBLIC NOTIFICATION

The Navy and NASA prepared materials to notify the public about the availability of the Draft EIS for public review and comment. These materials provided project information, a summary of the Draft EIS analysis, and public involvement opportunities.

Federal Register Notice and The Environmental Notice

The Navy and NASA published the NOA for the Draft EIS in the *Federal Register* on June 20, 2025, and in the State of Hawai'i, Office of Planning and Sustainable Development-Environmental Review Program semi-monthly publication, *The Environmental Notice*, on June 23, 2025. The *Federal Register* notice is found in Attachment B, and *The Environmental Notice* publication is found in Attachment C.

Newspaper Advertisements

The Navy and NASA placed display advertisements in four local and regional newspapers in Hawai'i beginning June 20, 2025, to coincide with publication of the NOA in the *Federal Register*. The newspapers ran the advertisements for three consecutive days, including on Sunday if the publication schedule allowed. As the public meetings approached, the advertisements were also repeated.

Table 1 shows the newspapers and corresponding publication dates for each advertisement. The newspaper advertisements are found in Attachment D.

Table 1 Newspaper Publications for the Notice of Availability of the Draft Environmental Impact Statement

Newspaper	Newspaper Coverage	Publication Frequency	Publication Dates
<i>The Honolulu-Star Advertiser</i>	Hawaiian Islands	Daily; except Saturday	Friday, June 20, 2025 Sunday, June 22, 2025 Monday, June 23, 2025 Friday, July 11, 2025 Sunday, July 13, 2025 Monday, July 14, 2025

Newspaper	Newspaper Coverage	Publication Frequency	Publication Dates
<i>The Garden Island</i>	Kauaʻi	Daily; except Sunday	Friday, June 20, 2025 Saturday, June 21, 2025 Monday, June 23, 2025 Friday, July 11, 2025 Saturday, July 12, 2025 Monday, July 14, 2025
<i>MidWeek Kauaʻi</i>	Kauaʻi	Wednesdays	Wednesday, June 25, 2025 Wednesday, July 2, 2025 Wednesday, July 9, 2025 Wednesday, July 16, 2025
<i>Ka Wai Ola News</i>	Hawaiian Islands	Monthly	July 2025 edition

Stakeholder Notification Letters

The Navy and NASA mailed notification letters on June 18, 2025, via first-class mail, to 207 stakeholders comprising elected officials (local, state, federal), government agencies (local, state, federal), environmental organizations and other non-governmental organizations (local, regional, national, government programs), Native Hawaiian Organizations and cultural centers, and participants in the Cultural Impact Assessment (see Appendix F of the Final EIS). The Navy and NASA offered stakeholders an informational presentation upon request and provided a point of contact should they have questions. A copy of the stakeholder letter is found in Attachment E.

Postcard Mailer

The Navy and NASA mailed notification postcards on June 18, 2025, via first-class mail, to 154 stakeholders, including the following: agencies and environmental organizations; Native Hawaiian Organizations; schools, colleges, and universities; small business associations, economic development/tourism organizations, and recreational and real estate interests; fishing and diving interests; community planning groups and civic organizations; boating, yacht clubs, and marinas; libraries; and other interested individuals and groups. A copy of the postcard is found in Attachment F.

Mailing List

The Navy and NASA developed a mailing list for the stakeholder letter and postcard from the project Strategic Communications Plan, Hawaii-California Training and Testing EIS/Overseas EIS project mailing list, One Kauaʻi project mailing list, and Navy and NASA stakeholder lists for Kauaʻi. The Navy and NASA updated the list to add individuals who requested to be added to the mailing list, including those who participated in the scoping process, and those that requested to join the mailing list through the project's website (<https://pmrf-kpgo-eis.com/mailling-list/>). The mailing list is provided in Attachment G.

News Release and Media Distribution

The Public Affairs Officers (PAOs) for Commander Navy Region Hawaii, PMRF, and NASA distributed a news release on June 20, 2025, to local, regional, and national media. The news release provided a description of the Proposed Action, its purpose and need, a list of environmental resources analyzed, project website address, and information about consultation under Section 106 of the NHPA and HRS Section 6E-8.

The news release also provided information on the public comment period for the Draft EIS including relevant dates, information on the public meetings, and instructions on how to submit public comments.

The news release also provided contact information for media questions. The news release is found in Attachment H.

Social Media Posts

The Navy and NASA began social media posts on June 20, 2025, and continued through the end of the 48-day (NEPA) and 45-day (HEPA) public comment period. Commander Navy Region Hawaii and PMRF posted to their social media accounts, including Navy Region Hawaii's Facebook and X pages and PMRF's Facebook page. NASA posted to their social media accounts, including KPGO and SGP pages. The Navy and NASA used social media to raise awareness of the NOA and Draft EIS, public meetings, and public comment period. Social media posts are found in Attachment I.

Flyer

The Navy and NASA disseminated a flyer to notify community members about the Draft EIS, public meetings, and public comment period. PMRF representatives distributed the flyer to their community contacts via email and in-person events and meetings. This flyer is included in Attachment J.

C. PUBLIC MEETINGS

The Navy and NASA initiated the public comment period on June 20, 2025, (NEPA) and June 23, 2025, (HEPA) to receive comments on the Draft EIS. The Navy and NASA encouraged members of the public to participate in the environmental planning process by providing input on the proposed real estate action including alternatives and the environmental analysis, environmental or cultural concerns, information the public would like the Navy and NASA to know, any information the public would like to see addressed in the Final EIS, and the project's potential to affect historic properties pursuant to Section 106 of the NHPA and HRS Section 6E-8.

The Navy and NASA held public meetings from July 15, 2025 through July 17, 2025 at three locations on Kaua'i selected with geographic convenience for the general public; additionally, each meeting included a live online broadcast to ensure participants from other locations could give their testimonies. All meetings occurred from 5 to 8 p.m., Hawai'i Standard Time (HST). Table 2 provides the meeting dates, locations, and agenda as advertised.

Table 2 Public Meeting Dates and Locations

Date	Location	Time and Agenda
Tuesday, July 15, 2025	Kaua'i Veterans Center 3215 Kaua'i Veterans Memorial Hwy, Līhu'e, 96766	Meeting Times: 5 to 8 p.m. HST Agenda: <ul style="list-style-type: none">• 5 to 6 p.m. Information stations – meet the project team, talk story, and ask questions. Visit the comment station to write a comment or sign up to make an oral comment.• 6 to 6:30 p.m. Project presentation by Navy and NASA.• 6:30 to 8 p.m. Oral comments from the public in person and online.
Wednesday, July 16, 2025	Kekaha Neighborhood Center 8130 Elepaio Rd., Kekaha, 96752	
Thursday, July 17, 2025	Sheraton Kaua'i Coconut Beach Resort, Makai Ballroom 650 Aleka Loop, Kapa'a, 96746	

Meeting Format

Each public meeting was a 3-hour event which included information poster stations in an open house format, a project presentation, and an opportunity for the public to provide oral comments to a panel of EIS, Navy, and NASA representatives.

The Navy and NASA organized information stations by topic and arranged them around the room, enabling the public to meet project team members and ask questions. A project team member staffed the live broadcast on Zoom Webinar, which also opened at 5 p.m., to answer logistical questions online. The Zoom Webinar presented online attendees with a slideshow of the information station posters until the meeting presentation began at 6 p.m. The Navy and NASA posted a link to the Zoom Webinar on the project website prior to the meetings. The posters may be viewed on the project website at <https://pmrf-kpgo-eis.com/documents/>.

The presentation portion opened with cultural protocol led by a Hawaiian cultural practitioner. Navy and NASA leadership and EIS project team members provided the project presentation. The presentation covered the project's purpose and need, description of the Proposed Action and alternatives, highlights of the environmental analysis and enhanced management measures (renamed to enhanced engagement in the Final EIS), overview of the NEPA/HEPA environmental review process, Draft EIS public involvement opportunities, and information about PMRF and KPGO including natural resource management and cultural stewardship.

After the presentation, Navy and NASA leadership and EIS project team members opened the oral comment session, and both in person and online oral comments were received from 6:30 to 8 p.m. A facilitator moderated the oral comments and broadcasted the comment session live for an online public comment opportunity. All oral comments, both in person and online, were audio recorded in accordance with HEPA requirements, and a stenographer also recorded the comments verbatim. The Navy and NASA asked commenters to keep their comments to 3 minutes to ensure all commenters had an opportunity to speak. Following the oral comment period as time permitted, the Navy and NASA invited attendees to return to the poster stations to continue conversations with Navy, NASA, and EIS project team members.

The public meetings also included refreshments and a children's activity station with coloring books and other activities to allow visiting parents to focus on the project information. An American Sign Language interpreter and Hawaiian interpreters (and other languages) were available upon request with 7-day notice. Security personnel were also present during the meetings. The Navy and NASA recorded the Zoom Webinar for the purpose of recording oral comments for the record.

The station topics are listed below. Subject matter experts staffed each station.

- Welcome/Sign-In Table
- Why We Are Here Tonight
- About PMRF and About KPGO
- Project Map
- Proposed Action and Alternatives
- Environmental Resources Studied in the Draft EIS
- Summary of Potential Effects
- Alternatives Screening Process

- Conservation and Community/Care of the Land
- NEPA/HEPA/Section 106 Community Involvement
- How to Submit Comments
- Comments Table/Written Comments

Copies of the posters and other handouts (comment form, oral comment sign up form) produced for the public meetings are found in Attachments K and L. A copy of the presentation slides is found in Attachment M. A copy of the meeting handout is found in Attachment N. Additionally, this information is available to the public under the “Documents” tab on the website, <https://www.pmr-fkpgo-eis.com/>.

D. SUMMARY OF DRAFT EIS PUBLIC COMMENTS

This section is intended to summarize the comments identified during the Draft EIS public comment period; it is not meant to identify all comments or to respond to comments. A formal response to public comments will be included in the Final EIS.

The Navy and NASA received 177 comments during the public comment period. The EIS project team reviewed each comment and categorized them by specific resource areas or topics. One comment may be relevant to multiple resource areas or topics. All comments were compiled, logged, and distributed to the EIS project team and appropriate subject matter experts for review and response. The EIS project team discussed the impact, significance, and relevance of the comments in preparation of the Final EIS. All comments submitted during the public comment period will become part of the public record and will be considered in preparing the Final EIS.

Table 3 shows the method of submittal and comment count.

Table 3 Method of Submittal and Count of Public Comments

Method of Submittal	Count
Project website online comment form	55
Email	63
Postal mail	5
In writing at the public meetings	6
Orally at the public meetings	48
Total	177

Table 4 includes a summary of Draft EIS public comments as a brief overview of the issues and concerns expressed during this EIS comment period.

Table 4 Summary of Draft EIS Comments

Resource Area/Topic	Comment
Proposed Action and Alternatives	<ul style="list-style-type: none"> • The Proposed Action should include impacts from Navy activities on fee simple lands. • The Proposed Action should include impacts identified in the Land-based Training and Testing EA and the Hawaii-California Training and Testing EIS as they relate to activities performed on leasehold and easement lands. • The ROI should include testing and training performed offshore. • Concerns about effects from military presence and training around the Hawaiian Islands, which commenters consider sensitive environments.

Resource Area/Topic	Comment
	<ul style="list-style-type: none"> Concerns about impacts from Navy activities at PMRF and from agricultural activities to the local environment and public health. Request for military training to be conducted away from the Hawaiian Islands, which commenters consider sacred lands. Concerns about increasing development and infrastructure and associated impacts. The Proposed Action has no benefit to the Kaua'i community. Increased detail regarding the No Action Alternative including a request for robust description of restoration following the end of the lease, and concern about infrastructure that could be abandoned in place under the terms of the current leases. Request easement lands transition to community-led agricultural lands. Request for alternatives to include a shorter-term lease (26 or 30 years). All impacts from past projects that were identified should be considered for analysis in the Final EIS if those impacts are ongoing. Integrate applicable nature-based project elements into the Project design. As part of the new agreements, request Navy and NASA provide additional community resources including services and infrastructure. Explain facilities on Ni'ihau and their relationship to the Proposed Action. Recognition that under Alternative 2, public access would decrease and State oversight would be diminished. Request to expand discussion on long-term lease/easement duration. Request that nautical boundaries and additional maps be included in the Final EIS. Concern that the No Action Alternative does not contain enough detail. Concern that the Navy is increasing testing and training activities. Concern that impacts to marine life and groundwater were not analyzed. Request to include all permits and licenses to be applied for under the Proposed Action. Request to include impacts to State land use districts and zoning regulations under Alternative 2. Concern that the No Action Alternative impacts are one-sided. Opposition to all three alternatives. Request to add additional sections to the EIS to analyze other resources. Request for clarification on distribution of funds under the Proposed Action. The No Action Alternative did not provide enough information on clean-up/restoration of State lands in the event of a lease expiration. The No Action Alternative should not preclude the continuation of military funding for conservation and natural resources. Support for the military's presence and activities. Support for the Proposed Action. Support for the No Action Alternative. Concerns about combining the analysis of Navy and NASA Proposed Actions. Support for only NASA's continued presence.
Air Quality and Greenhouse Gases	<ul style="list-style-type: none"> Consider electric buses, bikes, and charging stations for use by the Navy at PMRF and other renewable energy technologies for improved base sustainability. Requirements for air pollution control permit and consideration for dust and airborne pollutants. Concern regarding military production of greenhouse gases.
Biological Resources	<ul style="list-style-type: none"> Concern about impacts on coastal lands, wetlands, and biological life that frequent wetlands.

Resource Area/Topic	Comment
	<ul style="list-style-type: none"> • Concern about effects to endangered, native, and endemic species, including marine species. • Effects of noise, light pollution, and chemical byproducts to biological resources. • Concern about ecosystem-scale effects from military activities. • Concern about impacts from invasive species, particularly the Coconut Rhinoceros Beetle. • EIS should consider specific forest restoration and plant management techniques. • Request to improve hunting access for invasive ungulate removal. • Request to incorporate more robust discussion on wildland fire risk. • Request for more information on the management of native plant and animal species including terrestrial invertebrates/insects and use of insecticides. • Concern with avian botulism in the oxidation ponds adjacent to PMRF Main Base. • Request to incorporate robust analysis of species outlined for authorized take, minimization, and mitigation actions for federally listed plant and animal, species specific recommendations, improvements to species management, and increased coordination with State regulatory agencies. • Recommend the Navy explore alternative methods to prioritize bird conservation and monitoring at PMRF. • Request that more content from the Integrated Natural Resources Management Plan be included in the main body of the EIS. • Concern about marine mammal “takes.” • Concern about insufficient climate change and sea level rise analysis. • Concern about biosecurity plans for various invasive species found within the ROI. • Support for PMRF’s ecological stewardship. • Recognition that no significant environmental concerns were identified in the analysis. • Frustration with Navy and NASA land stewardship. • Support for the Navy and NASA land stewardship. • Special status species plants at KPGO, such as the kōpiko and others, were not fully analyzed in either the surveys or in the main body of the biological report. Concern that mitigation measures for the kōpiko were also not fully discussed in the EIS. • Request data on Hawaiian picture fly surveys at KPGO including surveyor credentials.
<p>Cultural Practices/Archaeological and Historic Properties/NHPA Section 106 Process/HRS 6E Process</p>	<ul style="list-style-type: none"> • Concern about Native Hawaiian’s cultural attachment to the land and stress that their lands were wrongly taken. • The EIS should discuss mental and emotional health impacts, sense of loss and injustice, in addition to impacts to other resources, and identify mitigation. • Request for the Navy to consult with Native Hawaiian Organizations, homestead communities, and Native Hawaiian Ni’ihau beneficiaries. • Concern about impacts to culturally sensitive sites and activities, including impacts from noise. • More indigenous ecological knowledge and history should have been incorporated. • Concern about access for cultural practices and gathering rights at PMRF. • Concern about restoration of culturally sensitive plants and animals. • Concern about sufficiency of Ka Pa’akai analysis, the Archaeological Inventory Survey, and associated mitigation measures. • Consultation with the State Aha Moku and various lineal descendent representatives was insufficient. • Request clarification on determination of significance for specific cultural sites at PMRF that are considered eligible under the National Register of Historic Places.

Resource Area/Topic	Comment
	<ul style="list-style-type: none"> • Request to include summary of Navy’s current compliance with 6E-8 and any previous State Historic Preservation Division determinations. • Recommendation that the EIS comply with all applicable laws and rules including the 1997 Guidelines for Assessing Cultural Impacts. • Nohili Dune restoration should be incorporated into the No Action Alternative. • Concern that consultation with indigenous communities was not sufficient and is purely symbolic. • Revise specific historical terminology used in the EIS, particularly the term “ceded.” • Request for historical land titles and baseline cultural studies. • Request to analyze impacts to cultural practices on Ni’ihau and Ka’ula islands. • Request for a specific Archaeological survey of Ka’ula Island. • Support for the Navy’s cultural stewardship of the land at PMRF, including preservation of iwi kupuna. • Appreciation for the robust cultural resource analysis and commitments made to Native Hawaiian communities for access for cultural practices as discussed in the EIS.
Cumulative Effects	<ul style="list-style-type: none"> • Include a description of environmental conditions prior to military use. • Final EIS should include cumulative impacts from Navy land use since commencement of current lease. • There are too many cumulative impacts to the project. • Concern about impacts from RIMPAC activities. • Concern about inadequate cumulative impact analysis regarding contamination and development. • Positive feedback on the Navy’s community engagement including blood drives, highway trash cleanups, collaboration with Kaua’i Community College, and leadership training and sponsorship. • Support for the Navy’s relationship with residents of Ni’ihau. • Support for the Navy’s relationship building with Kaua’i County government, Waimea High School, and other community organizations.
EIS Process	<ul style="list-style-type: none"> • Question regarding posted public meeting times. • Concern that the EIS does not meet certain HEPA- or NEPA-related legal requirements. • Recommend all concerns raised by the community be incorporated into the Final EIS. • Request for PMRF staff to participate in media engagement. • Concern that the EIS is incomplete and/or insufficient. • Concern that the EIS is too lengthy. • Request to incorporate more information into the body of the EIS instead of directing the reader to the appendices. • Request to receive receipt of comments. • Request to receive a printed copy of the EIS. • Recognition that recommendations provided in scoping comments were fully adopted in the Draft EIS. • Recognition of community participation in public meetings conducted for the Draft EIS. • Concern about different interests and obligations of the federal government (Navy and NASA) and the State of Hawai’i (DLNR) regarding decisions about public trust lands and fiduciary responsibilities under all three alternatives.

Resource Area/Topic	Comment
Hazardous Materials and Waste	<ul style="list-style-type: none"> • Concern about fuel and other hazardous material presence and conditions at PMRF in the water adjacent to Barking Sands, and on leasehold, easement, and fee simple lands. • Request for third-party verification for hazardous material testing and reporting. • Concern about PFAS at PMRF and request for investigation, sampling, and public notification and monitoring. • Concern about contamination of lands on other DoD installations which have limited access and certain recreational activities. • Concern about pesticide use and request for disclosure of pesticide management plans, including pesticide use in areas adjacent to PMRF Main Base. • Requirements for construction activities that could involve asbestos and lead-containing materials. • Request for disclosure of pollutant spill reports and management plans. • Concern about Navy clean-up after lease expiration. • Request for risk assessment and soil and groundwater testing near fuel storage tanks and missile launch areas. • Appreciation that PMRF cleans up after activities. • Ensure that the Final EIS discusses a plan to remove all cesspools in the ROI in compliance with Hawai'i State Department of Health standards. • Request that rubbish piles from Navy and NASA activities be removed prior to lease retention.
Land Use and Access	<ul style="list-style-type: none"> • Concern about ongoing effects from the presence of the military on Kaua'i. • General requests to return the land to Kanaka Maoli and concern about Kanaka Maoli sovereignty. • Request for increased access to the beach for water sports (i.e., surfing and kayaking), hiking, and camping from Kekaha Beach to Polihale. • Request for increased access for hunting, foraging, or fishing. • Request formalization of an updated, non-conditional access plan without the ability to revoke. • Request for an expanded discussion on access and an access management plan. • Request that an access agreement be incorporated into lease agreements. • Recommend land be used for affordable housing and suggest the Navy implement housing mitigation strategies. • Recognition of community events hosted by PMRF that are open to the public. • Question regarding accuracy of permitting history for PMRF and KPGO. • Question/concern regarding existing use within the Conservation District, non-conforming use, and historical records of use within those areas. • Request that no hazardous materials be stored on Conservation District lands. • Request to utilize tax map keys in the EIS. • Request for information on the change in acreage and tax map keys from the EISPN to the Draft EIS. • Support for the continuation of the easements to preserve agricultural land. • Recognition that PMRF helps preserve open space and agricultural land on the easement lands adjacent to Main Base. • Request to formalize and expand existing use agreements for helicopter operations and updates to infrastructure on State lands adjacent to Navy- and NASA-use lands.
Ocean ROW	<ul style="list-style-type: none"> • Proposed Action should include the 12-square mile Ocean ROW lease in the area of analysis. • Concern about the Navy's use of the Ocean ROW after lease expiration.

Resource Area/Topic	Comment
	<ul style="list-style-type: none"> Concern about what materials and instrumentation are currently present and utilized in the Ocean ROW and their potential impacts to marine species.
Ongoing Effects	<ul style="list-style-type: none"> Noting the Navy's actions impact marine resources from underwater testing and training, including the use of sonar. Address pollution from runoff at PMRF. Request the impact of existing improvements to infrastructure on Mākaha and Miloli'i Ridges be analyzed. Explain the right of transit along the shoreline adjacent to Barking Sands pursuant to HRS Chapter 115.
Other	<ul style="list-style-type: none"> Concern about how the military is perceived to treat Native Hawaiians and the Hawaiian Islands. Concern about testing carried out at PMRF and its relation to global militarization and effects on other countries. Recommendation for the Navy to visit various historical and art exhibits within the State. Concern about military activities on/at Kahoolawe, Pōhakuloa, Ni'ihau, in the Kaulakahi Channel, Kawaihoa-Poamoho Training Areas, Pu'unua Firing Range, Kapilina Beach Homes, Kawaihoa-Poamoho, Kahuku, Molokini, and the Makua Military Reservation. Concern about activities on military bases on O'ahu and the scale of those activities, including amount of equipment and frequency of training activities. Concern about cultural and environmental impacts to Ka'ula island from military testing activities and recommendations for restoration. Concern about impacts associated with Red Hill. Request to receive access to database used to create figures in the EIS. Comments regarding other NEPA documents analyzing impacts at PMRF. Concern regarding foreign governments and the role of SpaceX in Hawai'i. Ethical concerns over operations conducted by the Sandia Corporation, which owns Kauai Test Facility. Frustration with redacted portions of the EIS. The DoD should participate in more community health-related programs on Kaua'i and O'ahu. Request information on structures located on Ground Hazard Areas. The EIS does not consider environmental injustices. Request disclosure of underground, coastal, and aerial operations, including classified contracts and missile data. Request for disclosure of any State inspections on the leasehold and easement lands. Consider need for permanent infrastructure considering the pace of developing technologies (use of drones, cyber warfare) and recommend use of alternative non-explosive training methods.
Public Health and Safety	<ul style="list-style-type: none"> Concern about impacts from agricultural activities on the easements. Concern about unexploded ordnance and for timeline and plan for removal. Concern about electromagnetic radiation effects on people, wildlife, and weather and request for disclosure for radiation mitigation plans and third-party oversight. Concern about wildfire and the risk of wildfire associated with missile launches. Concern about noise impacts to the public. Questions regarding missile launch locations, weapons systems, and missile landing areas.

Resource Area/Topic	Comment
	<ul style="list-style-type: none"> • General concern for risks to human health and health impacts from certain contaminants used in propellants. • Request that more detail on fuel storage tanks, both on leasehold and fee simple lands, be incorporated into the EIS. • Concern about specific aircraft operations. • Request for more information on infrastructure associated with the Kamokalā Magazines. • Include discussion on safety of PMRF staff or nearby communities due to risk of increasing negative foreign relations. • Request for more information on public notification timeline during missile launches. • Request to disclose all PMRF environmental and public health plans. • Support for the Navy’s activities that result in an increased feeling of safety. • Support for the Navy’s collaboration with and augmentation of the Kaua’i County Fire Department for fire/emergency support. • Support for the Navy’s invasive species management for wildfire prevention. • Support for Navy infrastructure at Mākaha Ridge supporting Hawaii Air National Guard and Federal Aviation Administration operations. • Recognition of services provided by PMRF during Hurricanes Iniki and Iwa. • Recognition of services and electricity provided by PMRF during wildfires in Kamuakani to maintain power to critical infrastructure in the area. • Recognition of firefighting services (helicopter water drops) provided by PMRF to the community. • Recognition that no significant public health and safety risks were identified in the analysis. • Recognition that PMRF contractors comply with all applicable federal and state regulations while conducting operations on both fee simple and leasehold and easement lands. • Feeling that the efforts that PMRF contractors take to be environmentally compliant is not appreciated. • Lease retention fees should be higher than what is anticipated under the Proposed Action. • Questions about monitoring equipment at PMRF and KPGO.
Real Estate Agreements	<ul style="list-style-type: none"> • Request for a list of reports for all site inspections conducted by DLNR. • Lease agreements should include commitment to assist with Kekaha landfill closure and all associated cleanup. • Lease agreements should include environmental restoration as part of lease renewal. • Request that the “Unresolved Issues” section of the EIS be expanded to include more detail on land disposition under a new real estate agreement. • Lease renewal should include dedicated fee to support environmental stewardship and a market-based fee for utilities. • Request to consolidate leases under the Proposed Action. • Request for more information regarding the fair market value of the land and how the funding would be distributed. • Recommend that PMRF utilize the Kaua’i Emergency Management Agency system to inform the public about PMRF environmental stewardship and investment in infrastructure and community programs. • Concern about NASA’s legal authority to provide a use permit to the Navy.

Resource Area/Topic	Comment
Socioeconomics	<ul style="list-style-type: none"> • Concern about the low cost of the current leases and easements (only \$1 for the Navy). • Support for the employment opportunities provided by PMRF. • Questioning the legitimacy of claims regarding the positive economic impact that PMRF has on the island of Kauaʻi. • Request to see a detailed breakdown of spending at PMRF. • Concern regarding general DoD funding and uses. • Noting belief that reparations are owed to Native Hawaiians. • Request that PMRF staff invest in the local economy. • Support for the socioeconomic benefit of the Navy and NASA to Kauaʻi.
Transportation	<ul style="list-style-type: none"> • Concern about the volume and speed of traffic in Kekaha due to PMRF operations. • Address mitigation for habitat fragmentation due to road infrastructure.
Utilities	<ul style="list-style-type: none"> • Support for the Navy's investment in clean energy in collaboration with the Kauaʻi Island Utility Cooperative. • Request the wastewater treatment plants should be upgraded to EPA standards. • Noting that well and pump systems are not accurately depicted.
Water Resources	<ul style="list-style-type: none"> • Concern that the discussion regarding erosion at Mākaha Ridge and associated impacts to water quality is incomplete and should be expanded to include impacts from Navy-use structures and impervious surfaces. • Discuss how current groundwater pumping at PMRF and other water-related projects discussed in the EIS will affect the greater Mānā Plain, and if updating the practices would increase resilience. • Suggest allowing ADC lands to return to wetland state due to potential sea level rise, including cessation of pumping activities in the ROI and in the greater Mānā Plain. • Concern about cumulative impacts to water quality on fee simple, leasehold, and easement lands as well as water use on properties adjacent to PMRF Main Base. • Concern about impacts to groundwater and potable water from Navy activities. • Recommend more collaboration with other agencies for water management in the Mānā Plain. • Concern that the aquifers within the ROI were not properly analyzed. • Groundwater, streams, and Mānā Plain outfalls should be tested by a third-party regularly and results should be shared publicly. • The Final EIS should include more information on the Kawaiʻele Pump Station Maintenance and Open Floodable Space projects. • Request that the USACE final determination on the proposed wetland area adjacent to PMRF Main Base be included in the Final EIS. • Request that PMRF disclose historic or current pollutant contributions to the Mānā Plain ditch and outfall system. • Research alternative methods for flood mitigation in the Mānā Plain. • Concern about impacts to water resources in the Mānā Plain, including aquifers and muliwai systems, due to Navy activities and infrastructure at PMRF. • Address impacts to nearshore waters, such as runoff and drainage, should be expanded in the EIS. • Request for more historical and pumping information on the Mānā Well. • Address requirements for environmental compliance and regulatory requirements for projects which may impact State waters (i.e., permits, National Pollutant Discharge Elimination System permit, best management practices, water quality certifications).

Resource Area/Topic	Comment
	<ul style="list-style-type: none"> Concern regarding septic water systems on beach cottages on fee simple land and runoff. Utilize Best Management Practices during construction activities to minimize impacts to water quality in the ROI.

Legend: ADC = Agribusiness Development Corporation; DLNR = Department of Land and Natural Resources; DoD = Department of Defense; EIS = Environmental Impact Statement; EISPN = Environmental Impact Statement Preparation Notice; EPA = United States Environmental Protection Agency; HRS = Hawaii Revised Statute; KPGO = Kōkeʻe Park Geophysical Observatory; NASA = National Aeronautics and Space Administration; NHPA = National Historic Preservation Act; PFAS = Per- and polyfluoroalkyl substances; PMRF = Pacific Missile Range Facility; RIMPAC = Rim of the Pacific; ROI = Region of Influence; ROW = right-of-way; USACE = United States Army Corps of Engineers

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