APPENDIX A
SCOPING REPORT

Scoping Report

Na Pua Makani Wind Farm Project

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1.0 INTRODUCTION

This report summarizes the public scoping process for the Environmental Impact Statement (EIS) being undertaken jointly by the U.S. Fish and Wildlife Service (USFWS) and the Hawaii Department of Land and Natural Resources (DLNR) to evaluate the environmental impacts associated with the proposed Na Pua Makani Wind Project (Project) and Habitat Conservation Plan (HCP). This document is a public record of the scoping activities conducted for the Project EIS.

Na Pua Makani Power Partners, LLC (NPMPP), a wholly owned subsidiary of Champlin Hawaii Wind Holdings, LLC, proposes to construct and operate the Project near the town of Kahuku on the island of Oahu, Hawaii. The Project is proposed to begin construction in the fourth quarter of 2015 and begin commercial operation by December 2016. Refer to Section 1.1 for a more detailed description of the proposed Project.

The Project would consist of up to 10 wind turbine generators and associated infrastructures. Because the proposed Project could potentially impact species listed under the Federal Endangered Species Act (ESA), NPMPP is preparing a joint Federal and State HCP)to accompany its application for an ITP from the USFWS under Section 10(a)(1)(b) of the ESA, and an Incidental Take License (ITL) from the Hawaii Department of Land and Natural Resources (DLNR) Division of Forestry and Wildlife (DOFAW) under Hawaii Revised Statute (HRS) Section 195D. The purpose of the HCP is to ensure that measures to minimize and mitigate the adverse effects of the applicant's proposed action on the Covered Species are adequate. USFWS published a Notice of Intent (NOI) in the *Federal Register* on November 5, 2013 announcing the preparation of joint federal and state EIS. An EIS Preparation Notice (EISPN) was published in the State Office of Environmental Quality Control's (OEQC's) *The Environmental Notice* on December 23, 2013. Subsequently, this EISPN was withdrawn due to the addition of a second access point into the Project which added new Tax Map Key (TMK) parcels that were not included in the original EISPN, as well as other modifications in the proposed Project design. A new EISPN was published on November 8, 2014. Copies of both the NOI and the both versions of the EISPN are provided in Appendix A.

Publication of the NOI in the Federal Register initiated a 30-day public scoping period during which time agencies and the public could submit comments on the Project. Publication of the EISPN initiated a separate 30-day scoping period during which comments could also be submitted. A second 30-day State scoping period was initiated in association with republication of the EISPN. Public meetings were held during each of the three scoping periods.

All comments received during the federal and state scoping periods, including public review and comment on the EISPN and NOI, are consolidated in this report in order to identify environmental issues and/or concerns that the USFWS, DLNR, and NPMPP should consider during the draft EIS process. These comments were received by mail, e-mail, and through testimony recorded at the two public scoping meetings held November 13, 2013 and January 10, 2014 in Kahuku, Hawaii. No public testimony was submitted during the November 19, 2014 public meeting

The National Environmental Policy Act (NEPA) and the Hawaii Environmental Policy Act (HEPA) provide that there shall be an early and open process for determining the scope of issues to be addressed in the EIS and for identifying the significant issues related to a proposed action. The purpose of this scoping process, including the scoping meetings, was to allow the public, and specifically the impacted communities, to provide comment on what the EIS should study, including a reasonable range of alternatives. This information will then be used to assist resource specialists in data collection and analysis for the development of the draft EIS.

Supporting documentation for this summary report is provided in the following appendices:

- Appendix A – includes a copy of the NOI published in the *Federal Register* on November 5, 2013 and a copy of the EISPN published in *The Environmental Notice* on December 23, 2013 and a copy of the EISPN published on November 8, 2014.
- Appendix B – includes local newspaper scoping meeting notification publication information.
- Appendix C – includes transcripts from the public scoping meetings.
- Appendix D – contains the comments received during the scoping periods of November 5, 2013 to December 5, 2013; December 23, 2013 to January 22, 2014; and November 8, 2014 to December 7, 2014 and the corresponding comment response letters, as required under HEPA.

1.1 Project Description

The proposed Project includes portions of two parcels (Tax Map Key [TMK] 5-6-008:006 and 5-6-006:018) located in the Koolauloa District, west of the town of Kahuku in the City and County of Honolulu. These parcels will be leased from the DLNR (approximately 234 acres (95 hectares) and from the Malaekahana Hui West, LLC (approximately 452 acres (183 hectares). Additional parcels would be used to access the Project (TMK 5-6-006: 047, 051, 055, and 5-6-005:018) for which NPMPP would utilize temporary entry permits or licenses or easements. The leased area plus the State-owned access is hereafter referred to as the "wind farm site," consisting of approximately 707 acres (286 hectares). The proposed Project is located almost entirely within the State agricultural land use district with only a small portion of the wind farm site (2 acres [1 hectare]) near Kamehameha Highway falling within the State urban land use district. All of the proposed Project facilities are located within the State agricultural land use district. The proposed Project is located within Honolulu County agricultural zoning districts: General Agricultural and Restricted Agricultural. The Project, is accessible via local roads off of Kamehameha Highway, and is located east of the existing Kahuku Wind Farm.

The proposed Project would consist of up to 10 wind turbines each with a nameplate generating capacity of up to 3.3 megawatts (MW). NPMPP is currently considering turbine models from leading turbine manufacturers including Siemens, Vestas, and GE. The turbine array could include a combination of models from a single manufacturer ranging in generating capacity and dimensions. Turbine models being considered range in hub height from approximately 262 feet (80 meters) to 302 feet (92 meters) with rotor diameters ranging from 328 feet (100 meters) to 384 feet (117 meters), resulting in a maximum height at the top of the blade of up to 512 feet (156 meters) above

ground level. NPMPP would select the most appropriate turbines for the site-specific conditions of the wind farm site prior to construction.

The Project would also include permanent facilities including access roads, overhead and underground transmission and collector lines, an onsite substation, and an operation and maintenance (O&M) building and associated storage yard and parking area. Temporary wind turbine assembly lay down areas would also be used during construction. The Project is expected to produce approximately 88,000 megawatt hours (MWh) of electricity generation per year (assuming an installed capacity of up to approximately 25 MW). The energy generated by the Project would connect to an onsite substation and feed into the Hawaii Electric Company's (HECO's) grid. The Project supports the objectives of the Hawaii Clean Energy Initiative as well as HECO's compliance with the requirements of the Renewable Portfolio Standard.

A joint federal and state HCP is being prepared in anticipation of seeking an ITP from the USFWS, and an ITL from the DLNR, DOFAW. The issuance of an ITP triggers the need for environmental compliance under NEPA. The USFWS is the lead agency under NEPA. The USFWS will use this EIS in whether or not to approve the HCP and issue an ITP for the Project. Due to the Project's need to obtain a commercial lease from the DLNR Land Division authorizing commercial operation of a wind project on State of Hawaii lands and use of State-owned lands, Hawaii Revised Statutes (HRS) Chapter 343 review is required and DLNR Land Division is the Accepting Authority for the HEPA environmental review. The USFWS and DLNR Land Division have determined that a joint state and federal EIS will be prepared as a single document that is consistent with both NEPA and HRS Chapter 343 regulations.

Three alternatives are being considered and analyzed in the EIS. They include:

- Alternative 1 – No Action
- Alternative 2 (Proposed Action) – Wind Project of up to 10 Turbines
- Alternative 3 – Larger Generation Wind Project (up to 12 Turbines)

Public comment received during the public scoping period helped inform the identification of alternatives. The EIS will identify and disclose direct, indirect, and cumulative impacts for all resource issues by alternative, including the no action alternative.

1.2 History of the Project and Public Involvement

In 2009, Oahu Wind Partners, LLC (OWP) proposed to construct and operate a 25 MW wind farm, also called Na Pua Makani, on the DLNR owned portion of the current Project site. The OWP wind project did not move forward and a Chapter 343 analysis was not completed. NPMPP's proposed Project is a new project separate from OWP's 2009 proposed project.

In May 2013, NPMPP began holding community meetings, small focus group meetings with stakeholders, and individual meetings with community leaders and legislators to discuss the proposed Project and engage the public in the Project's planning and design. Key stakeholders before whom NPMPP has presented the Project include the Kahuku Community Association, Koolauloa Neighborhood Board, and Laie Community Association.

2.0 SCOPING MECHANISMS

The following section describes the mechanisms used to solicit and capture public comment in accordance to Council on Environmental Quality guidance (40 CFR 1501.7), HRS Chapter 343, and USFWS guidelines (550 FW 2.3).

2.1 Scoping Announcements and Meeting Notices

The USFWS published an NOI in the *Federal Register* on November 5, 2013 announcing the preparation of joint federal and state EIS, the date for a public scoping meeting, and the invitation to submit comments on the scope of issues to be addressed in the EIS. The publication of the NOI commenced a 30-day federal scoping period (November 5 through December 5, 2013). A copy of the NOI is included in Appendix A.

A public meeting notice for the November 13, 2013 NEPA public scoping meeting was published in the *Honolulu Star-Advertiser* on Thursday, November 7, 2013 (see Appendix B). A press release was also issued by the USFWS on November 5, 2013 and meeting invitation letters were mailed to the stakeholders on the Project mailing list. Flyers advertising the meeting were posted in the Kahuku community prior to the meeting. These notices are available in the Project record.

An EISPN was published in the OEQC's *The Environmental Notice* on December 23, 2013 which included a copy of the USFWS NOI. The publication of the EISPN commenced a 30-day state scoping period (December 23, 2013 through January 22, 2014). A second 30-day State scoping period (November 8, 2014 to December 7, 2014) was initiated in association with republication of the EISPN on November 8, 2014. Public meetings were held during each scoping period. A copy of both the December 23, 2013 and November 8, 2014 published EISPNs are included in Appendix A.

To provide notice of the public scoping meeting for the HEPA (state) process, NPMPP issued legal notices that were published in the *Honololu Star-Advertiser* on Thursday, January 2, 2014 for the first HEPA scoping meeting (January 10, 2014) and on November 8, 2014 for the second HEPA scoping meeting (November 19, 2014). Copies of each published legal notice are included in Appendix B. In addition, invitation letters were mailed to the stakeholders on the Project mailing list. Flyers advertising the January 10, 2014 HEPA scoping meeting were posted in the Kahuku community prior to the meeting. These notices are available in the Project record.

2.2 Public Scoping Meetings

The NEPA scoping meeting was held in November 2013 and the HEPA scoping meetings were held in January 2014 and November 2014. All comments received were addressed individually in accordance with Chapter 343 requirements (see Section 3.0 for additional discussion). Public scoping meeting dates and locations are summarized in Table 1. Transcripts for the public meetings are included in Appendix C.

Table 1. Scoping Meetings, Dates, Locations, and Attendance

Meeting Location	Date	Time	Estimated Attendance
Kahuku Community Center 56-576 Kamehameha Hwy Kahuku, HI 96731	November 13, 2013	5:30 PM to 9:00 PM	35
Kahuku Community Center 56-576 Kamehameha Hwy Kahuku, HI 96731	January 10, 2014	6:30 PM to 8:00 PM	19
Kahuku Community Center 56-576 Kamehameha Hwy Kahuku, HI 96731	November 19, 2014	6:00 PM to 7:30 PM	0

The November 13, 2013 scoping meeting was held by the USFWS and included both informal as well as formal components. Attendees were welcomed at the entrance and asked to sign in. Thirty-five attendees signed in. The meeting commenced with an informal open house so that attendees could review meeting handouts and the display boards, as well as speak one-on-one with representatives from the USFWS and NPMPP. The display boards included an overview of the objectives of the scoping meeting, an overview of the Project, a description of the species covered in the HCP, a process chart explaining the NEPA and HEPA process and opportunities for public comment, and instructions on how to submit comments. After the open house portion of the meeting, a PowerPoint presentation was given that included an introduction to the NEPA process, an overview of the Project, HCP, and the scoping period, and information on next steps and how to provide comment. A public comment period followed the formal presentation. At the close of the public comment period, an informal question and answer period occurred. Nine people provided oral testimony. Although comment forms were available at the meeting so that attendees could submit written comments during the meeting or mail them in at a later date, no written comments were submitted. Supporting information for the November 13, 2013 public scoping meetings, including the PowerPoint presentation, display boards, sign-in sheets, a sample comment form, and the meeting transcript are included in the Project record. A meeting transcript is included in Appendix C.

The January 10, 2014 meeting held by NPMPP for the HEPA scoping process included both informal and formal components. Attendees were welcomed at the entrance and asked to sign in. Nineteen attendees signed in. After an informal open house where attendees could review meeting handouts and display boards, formal introductions began. NPMPP and Tetra Tech gave presentations on the Project and EIS process and timeline. After this, attendees were invited to provide public comments. At the close of the public comment period, an informal question and answer session occurred. Ten people provided oral testimony. Comment forms were available at the meeting so that attendees could submit written comments during the meeting or mail them in at a later date. Two written comments were received. Supporting information for the HEPA scoping meeting is included in the Project record. A meeting transcript is included in Appendix C.

The November 19, 2014 public scoping meeting consisted of an open house with display boards highlighting changes in the Project since the previous scoping meeting. There were no attendees at this meeting.

3.0 SUMMARY OF COMMENTS RECEIVED

Public scoping comments were received via:

- Oral discussion or testimony at the public scoping meetings.
- Written comments received by the USFWS via e-mail.
- Written comments received by Tetra Tech via email, the postal service or hand-delivery.

There were a total of 34 submissions during the federal scoping period, 40 submissions during the first state scoping period, and 11 submissions during the second state scoping period. A submission is defined as the entirety of a written or oral entry. Comments are defined as discrete concepts conveyed in submissions. The complete text of each received submission is included in the Administrative Record for the EIS and in Appendix D. Each comment submission (during both the NEPA and HEPA scoping periods) was replied to with a formal response letter from NPMPP, per HRS Chapter 343. Response letters were sent to commenter's whose submissions included contact information.

Each submission was read and analyzed for substantive comments. Substantive comments were assigned to an issue category and given an issue code. Each issue code had a summary statement drafted. The issue categories, issue codes, and summary statements are listed in Table 2. The public comment submissions generated 522 coded comments, sorted into 21 issue categories and 55 issue codes with accompanying summary statements.

Among the scoping comments received, some issues were raised more frequently than others. A key purpose of scoping is to "determine the scope and the significant issues to be analyzed in depth in the environmental impact statement (40 CFR 1501.7). Significant issues can be raised by just a few comments or by many commenters. It is the significance of the issue and not the frequency of the comment that determines how it should be addressed in the EIS.

Table 2. Issue Category Codes

Issue Category	Issue Code	Summary Statement	Number of Comments[1/]
Comment Acknowledged	ACK	Comments that were received and noted, including general comments, expressions of opinion, and comments that do not fall within the scope of analysis for this EIS.	131
		Total Comment Acknowledged Comments	**131**
Air Quality	AIR 1	Air quality impacts (criteria pollutants) and greenhouse gases resulting from construction and operation of the Project, and how impacts will be calculated and mitigated.	7
	AIR 2	Impacts to meteorology (at the meso-scale and micro-scale) resulting from the Project.	1
	AIR 3	Impacts related to climate change should be identified and analyzed.	3
		Total Air Quality Comments	**11**
Alternatives	ALT 1	Would like to see alternative energy solutions analyzed, including solar, geothermal, personal photovoltaic systems, and geothermal as part of the alternatives analysis.	11
	ALT 2	An alternate location for the Project should be analyzed (e.g. moving turbines further inland, different location on Oahu) due to the current Project's close proximity to the community and schools.	19
	ALT 3	The alternatives analysis should include a reasonable range of alternatives, and should describe how alternatives were developed and also how they were eliminated from further analysis.	7
		Total Alternatives Comments	37
Cultural Resources	CUL 1	Protection of Native Hawaiian cultural sites and burial grounds, and preservation of culturally-significant lands.	2
	CUL 2	Native Hawaiian land access and gathering rights being restricted as a result of the Project.	4
	CUL 3	Proper consultation is conducted between the USFWS and Native Hawaiian people and mitigation measures are developed for potential impacts to cultural resources.	2
		Total Cultural Comments	8
Data	DAT 1	Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.	23
	DAT 2	Recommended visual simulations of the Project be included in the EIS.	3
		Total Data Comments	26
Direct, Indirect, and Cumulative Impacts	DSC 1	Direct, indirect, and cumulative impacts to public health, visual resources, and socioeconomics for communities nearby.	5
	DSC 2	Direct, indirect, and cumulative impacts to aquatic and terrestrial ecosystems, habitat, native plants, wildlife, bat, and avian species.	4
	DSC 3	The EIS should utilize a clear methodology for analyzing direct, indirect, and cumulative impacts; proposed mitigation measures should be identified and analyzed; and past, present, and future actions should be analyzed as part of the cumulative impact analysis.	10

Table 3. Issue Category Codes (continued)

Issue Category	Issue Code	Summary Statement	Number of Comments[1/]
Direct, Indirect, and Cumulative Impacts	DSC 4	Cumulative impacts associated with power generation of the Project when combined with other nearby wind farms, and whether the power being produced is more than is needed.	2
		Total Direct, Indirect, and Cumulative Impacts Comments	21
Environmental Justice	ENJ 1	The EIS should address any disproportionate adverse impacts to minority and low-income populations, and should reflect coordination with those affected populations.	3
		Total Environmental Justice Comments	3
Public Health and Safety	HAS 1	Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.	39
	HAS 2	Safety impacts to community members related to wind turbine mechanical issues, such as blade throw or turbine collapse should be discussed and analyzed.	15
	HAS 3	Fire hazards associated with the Project's construction and operation including facility electrical failure and the identification of appropriate safety measure to address fire preparedness and emergency response.	13
		Total Public Health and Safety Comments	**67**
Natural and Man-Made Hazards	HAZ 1	The threat of natural disasters, including hurricanes, tsunamis, and earthquakes, and how these events could in turn threaten the health and safety of nearby communities through the collapse of turbine towers or blade throw should be discussed and analyzed.	13
	HAZ 2	Hazardous wastes, chemicals, and pesticides that will be produced or used by the Project, and how they will be stored, disposed of, and managed.	3
		Total Natural and Man-Made Hazards Comments	**16**
Land Use	LAN 1	The existing condition of the land and land uses within the wind farm site.	5
	LAN 2	The status and value of agricultural lands within the wind farm site.	3
	LAN 3	Potential negative impacts to U.S. Army training facilities located adjacent to the wind farm site.	3
	LAN 4	Potential impacts to agriculture and how any impacts may be mitigated.	1
		Total Land Use Comments	**12**
Mitigation	MIT 1	Would like to see mitigation measures included in the analysis to reduce impacts to biological resources such as ecosystems, habitat, native plants, wildlife, bird and avian species.	3
	MIT 2	Would like to see mitigation measures and BMPs related to water resources, including water quality, landscape irrigation, and stormwater management.	9
	MIT 3	Would like to see mitigation measures designed to minimize traffic impacts during construction.	1
	MIT 4	Would like to see mitigation measures constructed to use less hazardous materials during construction and operation.	1

Table 4. Issue Category Codes

Issue Category	Issue Code	Summary Statement	Number of Comments[1/]
	MIT 5	Suggested a specific mitigation measure for inclusion in the impact analysis in the EIS.	2
		Total Mitigation Comments	**16**
Noise	NOI 1	Noise from the wind turbines associated with construction and operation of the Project impacting sensitive receptors.	5
		Total Noise Comments	**5**
Proposed Project	PRO 1	The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.	30
	PRO 2	Power generation – specifically, what the overall capacity and daily production of the Project will be, transmission line upgrades that might be needed, how much electricity will go into the HECO grid, and how much of that electricity will stay in local communities.	8
	PRO 3	Would like to see more detail on the Proposed Action and Project components (in text and represented graphically), including: wind turbine components, specifications, and materials needed for construction of turbines; turbine upgrades (if needed); the locations of turbines, collection lines, and point of interconnection; access road construction and maintenance; plans for turbine operations and maintenance; and plans for decommissioning and site restoration.	29
	PRO 4	Clarification on the purpose and need of the Project, including how the Project would fit into the larger energy market that it would serve.	6
		Total Proposed Project Comments	**73**
Recreation and Tourism	REC 1	Potential decreases in tourism to the area could occur as a result of the change to the visual landscape from the Project.	3
		Total Recreation and Tourism Comments	**3**
Regulatory	REG 1	Compliance with both the NEPA and HEPA processes for public scoping and outreach, that community members and agencies have been adequately consulted during scoping, and will continue to be consulted with during the entire planning process.	12
	REG 2	The City and County of Honolulu setback distance regarding proximity of wind turbines to residences is insufficient and must be updated to reflect safe distances.	13
	REG 3	The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.	60
	REG 4	Would like to see the development of a scientifically-supportable Habitat Conservation Plan (HCP), and a description of how the HCP will be implemented.	3

Table 5. Issue Category Codes

Issue Category	Issue Code	Summary Statement	Number of Comments[1/]
		Total Regulatory Comments	**88**
Socioeconomics	SOC 1	Concerned about the details of the community benefits package.	13
	SOC 2	How the Project would affect homeowners' ability to install photovoltaic systems.	8
	SOC 3	Concern that the Project would impact the quality of life for nearby communities.	9
	SOC 4	How would the Project contribute to a savings on the electrical bills of local residents, and how soon once the Project is operational could residents begin to see any potential savings.	19
	SOC 5	Concern that the Project would lower property values and make it harder for homeowners to sell homes that are in close proximity to the turbines.	4
	SOC 6	Short- and long-term socioeconomic impacts to the community resulting from the Project.	14
		Total Socioeconomics Comments	**67**
Transportation and Traffic	TRA 1	Short- and long-term traffic impacts to the community, and what mitigation measures could be used to decrease impacts during construction.	2
		Total Transportation and Traffic Comments	**2**
Vegetation and Wetlands	VEG 1	Potential impacts to Native plant communities located within the wind farm site, and how any impacts would be mitigated.	1
	VEG 2	The EIS should include measures to monitor and control invasive plant species and noxious weeds.	1
		Total Vegetation and Wetlands Comments	**2**
Visual Resources	VIS 1	Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.	22
		Total Visual Resources Comments	**22**
Water Resources	WAT 1	Water resources impacts including water sources for the Project, sediment run-off, and potential effects to coastal zones should all be analyzed in the EIS.	10
		Total Water Resources Comments	**10**
Wildlife (including Threatened and Endangered Species)	WIL 1	Avian and bat impacts, including potential cumulative impacts resulting from existing and future wind projects should be discussed and analyzed. Comprehensive pre-construction and post-construction mortality monitoring surveys should be conducted.	15
	WIL 2	Critical fish habitat within the wind farm site and potential impacts should be disclosed.	1
	WIL 3	Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures, should be identified.	13
		Total Wildlife (including Threatened and Endangered Species) Comments	**29**

[1/] Note: Some comments received multiple codes.

4.0 NEXT STEPS IN THE PLANNING PROCESS

This section is intended to be a very broad overview of the next steps in the joint NEPA/HEPA process.

4.1 Develop Alternatives

The comments received inform the identification of a reasonable range of alternatives that meet the purpose and need of the Project to be examined in the EIS. Pertinent input from the scoping process will be incorporated into the range of potential alternatives. This ensures that a full spectrum of positions expressed by participants in the scoping process has been considered, in accord with NEPA. Alternatives that were eliminated from further consideration and are not brought forward for formal analysis in the EIS will be identified, along with justification for elimination.

4.2 Describe the Affected Environment

Available environmental information associated with the identified issue categories will be reviewed and summarized. The summary will include available scientific research and pertinent studies and surveys required for areas that would be potentially impacted by the viable alternatives. This information will be presented in the Affected Environment chapter of the EIS.

4.3 Assess Environmental Consequences of Alternatives

The potential environmental consequences of alternatives carried forward for analysis will be evaluated, including direct, indirect, and cumulative effects. NEPA compliance associated with federal, state, and local agency permits will be identified and incorporated into the analysis of potential effects. This step will be conducted after the range of alternatives is identified.

4.4 Issue the Draft EIS

A Draft EIS will be prepared and made available for review by the public and local, state, and federal agencies. The Draft EIS will be available for a 90-day review after the Notice of Availability has been published in the Federal Register. The public hearings will offer another opportunity for public comment on the Draft EIS. A public meeting will be held during the public comment period.

4.5 Issue the Final EIS and Record of Decision

After analyzing public comments received on the Draft EIS, the document will be revised to create a Final EIS. The Final EIS will include the comments submitted on the Draft EIS, including changes made to the EIS in response to comments. This step will include public notice of document availability, the distribution of the document, and a 30-day comment/waiting period on the final document. The issuance of a Record of Decision will conclude the EIS process under NEPA. The selected alternative will be identified, as well as the USFWS/DLNR rationale for their conclusions

regarding the environmental effects and appropriate mitigation measures for the proposed Project. Acceptance of the Final EIS by the DLRN Land Division will complete the HEPA process.

5.0 CONTACTS

Lead Agencies

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APPENDIX A
NOTICE OF INTENT AND ENVIRONMENTAL IMPACT STATEMENT PREPARATION NOTICE

- Public comments; and
- Adjourn.

Members of the public who wish to participate in the November 20, 2013, public meeting (which will be held by webinar) should register at the following Web site by November 19, 2013: *https://www1.gotomeeting.com/register/774101625.* Upon your registration, instructions on how to join the meeting will be sent to your email address. The webinar is limited to 100 participants.

Written comments may be sent to the Designated Federal Official listed in the **FOR FURTHER INFORMATION CONTACT** section above. To review all related material on the Commission's work, please refer to *http://www.doi.gov/cobell/commission/index.cfm.* All meetings are open to the public.

Dated: October 30, 2013.

Kevin K. Washburn,

Assistant Secretary—Indian Affairs.

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BILLING CODE 4310–W7–P

DEPARTMENT OF THE INTERIOR

Fish and Wildlife Service

[FWS–R1–ES–2013–N213; FXES11120100000–134–FF01E00000]

Notice of Intent To Prepare a Draft Environmental Impact Statement on a Proposed Incidental Take Permit for the Na Pua Makani Project, Kahuku, Hawaii

AGENCY: Fish and Wildlife Service, Interior.

ACTION: Notice of intent; announcement of public scoping meeting; request for comments.

SUMMARY: We, the U.S. Fish and Wildlife Service (Service), intend to conduct public scoping under the National Environmental Policy Act (NEPA) to gather information to prepare a draft environmental impact statement (DEIS) related to an incidental take permit (ITP) application that Champlin Hawaii Wind Holdings, LLC (Champlin) intends to submit to the Service pursuant to the requirements of section 10(a)(1)(B) of the Endangered Species Act of 1973, as amended (ESA). The proposed permit would authorize the incidental take of listed species caused by the construction and operation of Champlin's proposed Na Pua Makani Project (Project) near Kahuku, Hawaii, for production of wind-generated electrical energy on the island of Oahu. In accordance with ESA requirements for an ITP, Champlin is preparing a habitat conservation plan (HCP) to minimize and mitigate the impacts of take of the covered species likely to be caused by the Project. The DEIS will address the impacts of, and alternatives to, issuance of the ITP and implementation of the HCP to determine if these actions may significantly affect the human environment. This notice initiates the public scoping period for the DEIS during which we invite other agencies and the public to attend a public meeting and submit oral and written comments that provide suggestions and information on the scope of issues and alternatives that should addressed in the DEIS.

DATES: A public scoping meeting will be held on November 13, 2013, from 5:30 p.m. to 9:00 p.m. at the Kahuku Village Association Community Center, 56576 Kamehameha Highway, Kahuku, Hawaii 96731. The public is invited to provide oral and written comments at this meeting related to our preparation of a DEIS for this proposed permit action. To ensure consideration of written comments, please send your written comments on or before December 5, 2013.

ADDRESSES: Comments concerning the issuance of the ITP, the development of the Na Pua Makani HCP and the preparation of the associated DEIS should be identified as such, and may be submitted by one of the following methods:

- *Email: NaPuaMakanihcp@fws.gov.* Include ''Na Pua Makani HCP and DEIS'' in the subject line of the message;
- *U.S. Mail:* Loyal Mehrhoff, Field Supervisor, U.S. Fish and Wildlife Service, Pacific Islands Fish and Wildlife Office, 300 Ala Moana Boulevard, Room 3–122, Honolulu, Hawaii 96850;
- *In-Person Drop-off, Viewing, or Pickup:* Written comments will be accepted at the public meeting on November 13, 2013, or can be dropped off during regular business hours at the above address on or before December 5, 2013; or
- Written comments can also be faxed (*Fax:* (808) 792–9581, Attn.: Loyal Mehrhoff) to the Service on or before December 5, 2013.

FOR FURTHER INFORMATION CONTACT: Mr. Loyal Mehrhoff or Aaron Nadig, U.S. Fish and Wildlife Service (see **ADDRESSES** above); by telephone (808) 792–9400; or by email at *NaPuaMakanihcp@fws.gov.* If you use a telecommunications device for the deaf, please call the Federal Information Relay Service at (800) 877–8339.

SUPPLEMENTARY INFORMATION:

Reasonable Accommodation

Persons needing reasonable accommodations to attend and participate in the public meeting should contact Loyal Mehrhoff or Aaron Nadig (see **FOR FURTHER INFORMATION CONTACT** above). Please note that the meeting location is accessible to wheelchair users. To allow sufficient time to process requests, please call no later than 1 week in advance of the meeting.

Background

Section 9 of the ESA and the implementing regulations for the ESA in the Code of Federal Regulations (CFR) at 50 CFR part 17 prohibit the ''take'' of fish or wildlife species listed as endangered or threatened. Take of listed fish or wildlife is defined under the ESA as ''to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct'' (16 U.S.C. 1532). The term ''harass'' is defined in the regulations as ''an intentional or negligent act or omission which creates the likelihood of injury to wildlife by annoying it to such an extent as to significantly disrupt normal behavioral patterns which include, but are not limited to, breeding, feeding, or sheltering'' (50 CFR 17.3). The term ''harm'' is defined in the regulations as ''an act which actually kills or injures wildlife. Such act may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding, and sheltering'' (50 CFR 17.3).

Under limited circumstances, we issue permits to authorize incidental take—i.e., take that is incidental to, and not the purpose of, the carrying out of an otherwise lawful activity. Regulations governing ITPs for threatened and endangered species are found at 50 CFR 17.32 and 17.22, respectively. In addition to meeting other criteria, an ITP must not jeopardize the continued existence of federally listed threatened or endangered species. Section 10(a)(1)(B) of the ESA contains provisions for issuing such ITPs to non-Federal entities for the take of endangered and threatened species, provided the permit and related conservation plan meet the following criteria: (1) The taking will be incidental; (2) the applicant will, to the maximum extent practicable, minimize and mitigate the impact of such taking; (3) the applicant ensures that adequate funding for the plan will be provided; (4) the taking will not appreciably reduce the likelihood of the survival and recovery of the species in the wild;

and (5) the applicant will carry out any other measures that the Service may require as being necessary or appropriate for the purposes of the HCP.

NEPA (42 U.S.C. 4321 *et seq.*) requires that Federal agencies conduct an environmental analysis of their proposed actions to determine if the actions may significantly affect the human environment. Under NEPA, a reasonable range of alternatives to a proposed project is developed and considered in the Service's environmental review. Alternatives considered for analysis in an EIS for an HCP may include, but are not limited to: Variations in the scope of covered activities; variations in the location, amount, and type of conservation activities; variations in permit duration; or a combination of these elements.

Proposed Action

Champlin's proposed Project would be located on private and public lands near the town of Kahuku, County of Honolulu, on the island of Oahu, Hawaii. The proposed Project would provide up to 45 megawatt capacity of renewable wind-generated electrical energy to the island of Oahu. A portion of the Project would be located on State of Hawaii lands managed by the Department of Land and Natural Resources (DLNR). The proposed Project's location is adjacent to the existing Kahuku Wind Farm. The Project would be completed in two phases. Phase 1 is anticipated to include approximately eight turbines and phase 2 is anticipated to include approximately six turbines. Supporting infrastructure for the proposed Project may include access roads, wind turbine assembly lay down areas, overhead and underground transmission and collector lines, and may also include an on-site substation and an operations and maintenance building.

Champlin proposes to develop an HCP as part of their application for an ITP under section 10(a)(1)(B) of the ESA. The proposed HCP will cover potential take of the federally-listed species discussed below that is incidental to activities associated with the construction, operation, maintenance, and decommissioning of the Project. The HCP will include measures to minimize and mitigate impacts to covered species and their habitats.

The proposed Federal action would be the issuance of an ITP to Champlin to authorize incidental take of the covered species, subject to compliance with and implementation of Champlin's HCP for the Project. We anticipate Champlin to request ITP coverage for a period of 20 years.

Covered Species

Champlin intends to seek incidental take coverage for the following five federally-listed threatened and endangered species:

- Newell's shearwater (*Puffinus auricularis newelli*)—Threatened;
- Hawaiian coot (*Fulica americana alai*)—Endangered;
- Hawaiian common moorhen (*Gallinula chloropus sandvicensis*)—Endangered;
- Hawaiian stilt (*Himantopus mexicanus knudseni*)—Endangered; and
- Hawaiian hoary bat (*Lasiurus cinereus semotus*)—Endangered.

The following State-listed endangered species may also be included as a covered species in Champlin's proposed HCP:

- pueo or Hawaiian short-eared owl (*Asio flammeus sandwichensis*).

The final list of covered species may include the above listed species, a subset, or additional species, based on the outcome of the planning process.

Public Scoping

The primary purpose of the scoping process is for the public to assist the Service in developing a DEIS for this proposed ITP action by identifying important issues and alternatives related to Champlin's proposed Project, to provide the public with a general understanding of the background of the proposed HCP and activities it would cover, and an overview of the NEPA process. In order to ensure that we identify a range of issues and alternatives related to the proposed ITP action, we invite comments and suggestions from all interested parties.

The scoping meeting will be held on November 13, 2013, from 5:30 p.m. to 9:00 p.m. at the Kahuku Village Association Community Center, 56576 Kamehameha Highway, Kahuku, Hawaii 96731. The meeting format will consist of an initial open house from 5:30 p.m. to 6:15 p.m. The open house format will provide an opportunity to learn about the proposed action, permit area, and the covered species. The open house will be followed by a formal presentation from 6:15 p.m. to 6:45 p.m. of the proposed action and a summary of the NEPA process, followed by an opportunity for oral comments from the public from 6:45 p.m. to 9:00 p.m. We will accept oral and written comments at the public meeting. A court reporter and an interpreter will be present if deemed necessary. You may also submit your comments and materials by one of the methods listed in the **ADDRESSES** section. Once the DEIS and draft HCP are complete and made available for review, there will be additional opportunity for public comment on the content of these documents through an additional public hearing and comment period.

Public Comments

We request data, comments, new information, or suggestions from the public, other concerned governmental agencies, the scientific community, native Hawaiian organizations, industry, or any other interested party on this notice. We and the applicant will consider these comments in developing the DEIS and the draft HCP related to the proposed Project. We particularly seek comments on the following:

1. The direct, indirect, and cumulative effects that implementation of any reasonable alternative to the proposed Project could have on endangered or threatened species and other unlisted species and their habitats;
2. Other reasonable alternatives to the proposed permit action for issuance of an ITP for the proposed Project or that avoid the need for an ITP that should be considered and their associated effects;
3. Relevant biological data and additional information concerning the proposed covered species;
4. Current or planned activities in the subject area and their possible impacts on the proposed covered species;
5. The presence of archaeological sites, buildings and structures, historic events, sacred and traditional areas, and other historic preservation concerns;
6. The scope of covered activities, including potential avoidance, minimization, and mitigation measures for incidental take of the proposed covered species;
7. Appropriate monitoring and adaptive management provisions that should be included in the HCP; and
8. Identification of any other environmental issues that should be considered with regard to the proposed Project and permit action.

Public Availability of Comments

Comments and materials we receive in response to this notice and at the public meeting, as well as supporting documentation we use in preparing the DEIS under NEPA, will become part of the public record and will be available for public inspection by appointment, during normal business hours, at the Service's Pacific Islands Fish and Wildlife Office (see **ADDRESSES** above). Before including your address, phone number, email address, or other personal identifying information in your comment(s), you should be aware that

your entire comment(s)—including your personal identifying information—may be made publicly available at any time. While you can ask us in your comment(s) to withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so.

Environmental Review and Next Steps

The Service will conduct an environmental review to analyze the proposed action, along with other alternatives considered and the associated impacts of each for the development of the DEIS. The DEIS will include an analysis of impacts on each covered species and the range of alternatives to be addressed. The DEIS is expected to provide biological descriptions of the affected species and habitats, as well as the effects of the alternatives on other resources, such as vegetation, wetlands, wildlife, geology and soils, air quality, water resources, water quality, cultural resources, land use, recreation, water use, the local economy, and environmental justice. Following completion of the environmental review, the Service will publish a notice of availability and request for public comments on the DEIS, Champlin's permit application, and the draft HCP. The DEIS and draft HCP are expected to be completed and available to the public in 2014.

Authority

The environmental review of this project will be conducted in accordance with the requirements of the NEPA of 1969, as amended (42 U.S.C. 4321 *et seq.*), Council on Environmental Quality Regulations (40 CFR Parts 1500—1508), other applicable Federal laws and regulations, and applicable policies and procedures of the Service. This notice is being furnished in accordance with 40 CFR 1501.7 of the NEPA regulations to obtain suggestions and information from other agencies and the public on the scope of issues and alternatives to be addressed in the DEIS.

Dated: October 18, 2013.

Richard R. Hannan,

Deputy Regional Director, Pacific Region, U.S. Fish and Wildlife Service, Portland, Oregon.

[FR Doc. 2013–26465 Filed 11–4–13; 8:45 am]

BILLING CODE 4310–55–P

DEPARTMENT OF THE INTERIOR

Bureau of Land Management

[LLCON00000 L10200000.DF0000 LXSS080C0000]

Notice of Public Meeting, Northwest Colorado Resource Advisory Council Meeting

AGENCY: Bureau of Land Management, Interior.

ACTION: Notice of public meeting.

SUMMARY: In accordance with the Federal Land Policy and Management Act and the Federal Advisory Committee Act of 1972, the U.S. Department of the Interior, Bureau of Land Management (BLM) Northwest Colorado Resource Advisory Council (RAC) will meet as indicated below.

DATES: The Northwest Colorado RAC scheduled a meeting from 10 a.m. to 3:00 p.m., Dec. 5, 2013, with a public comment period regarding matters on the agenda at 11:15 a.m. A specific agenda will be available before the meeting at *www.blm.gov/co/st/en/BLM_Resources/racs/nwrac.html.*

ADDRESSES: The meeting will be held at the Colorado River Valley Field Office, 2300 River Frontage Road, Silt, CO 81652.

FOR FURTHER INFORMATION CONTACT: David Boyd, Public Affairs Specialist, see address above; (970) 876–9008. Persons who use a telecommunications device for the deaf (TDD) may call the Federal Information Relay Service (FIRS) at 1–800–877–8339 to contact the above individual during normal business hours. The FIRS is available 24 hours a day, seven days a week, to leave a message or question with the above individual. You will receive a reply during normal business hours.

SUPPLEMENTARY INFORMATION: The Northwest Colorado RAC advises the Secretary of the Interior, through the BLM, on a variety of public land issues in northwestern Colorado.

Topics of discussion during Northwest Colorado RAC meetings may include the BLM National Sage-Grouse Conservation Strategy, working group reports, recreation, fire management, land use planning, invasive species management, energy and minerals management, travel management, wilderness, wild horse herd management, land exchange proposals, cultural resource management and other issues as appropriate.

These meetings are open to the public. The public may present written comments to the RACs. Each formal RAC meeting will also have time, as identified above, allocated for hearing public comments. Depending on the number of people wishing to comment and time available, the time for individual oral comments may be limited.

Dated: October 22, 2013.

John Mehlhoff,

BLM Colorado Acting State Director.

[FR Doc. 2013–25539 Filed 11–4–13; 8:45 am]

BILLING CODE 4310–JB–P

DEPARTMENT OF THE INTERIOR

Bureau of Land Management

[LLMTL07000–L1420000–BJ0000–LXSIHRRB0000]

Notice of Filing of Plats of Survey; Montana

AGENCY: Bureau of Land Management, Interior.

ACTION: Notice of filing of plats of survey.

SUMMARY: The Bureau of Land Management (BLM) will file the plat of survey of the lands described below in the BLM Montana State Office, Billings, Montana, on December 5, 2013.

DATES: Protests of the survey must be filed before December 5, 2013 to be considered.

ADDRESSES: Protests of the survey should be sent to the Branch of Cadastral Survey, Bureau of Land Management, 5001 Southgate Drive, Billings, Montana 59101–4669.

FOR FURTHER INFORMATION CONTACT: Josh Alexander, Supervisory Cadastral Surveyor, Branch of Cadastral Survey, Bureau of Land Management, 5001 Southgate Drive, Billings, Montana 59101–4669, telephone (406) 896–5123 or (406) 896–5009, *jalexand@blm.gov.* Persons who use a telecommunications device for the deaf (TDD) may call the Federal Information Relay Service (FIRS) at 1–800–877–8339 to contact the above individual during normal business hours. The FIRS is available 24 hours a day, 7 days a week, to leave a message or question with the above individual. You will receive a reply during normal business hours.

SUPPLEMENTARY INFORMATION: This survey was executed at the request of the BLM Lewistown Field Office, and was necessary to determine federal interest lands.

The lands we surveyed are:

Principal Meridian, Montana

T. 25 N., R. 19 E.

The plat, in one sheet, representing the dependent resurvey of a portion of

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

December 2, 2013

OFC. OF ENVIRONMENTAL QUALITY CONTROL
'13 DEC 10 P12:20
RECEIVED

Director
Office of Environmental Quality Control
Department of Health, State of Hawaii
235 S. Beretania Street, Room 702
Honolulu, Hawai'i 96813

FILE COPY
DEC 2 3 2013

Dear Director:

Under the provisions of Act 172, Session Laws of Hawaii 2012, the Department of Land and Natural Resources has determined at the outset that an environmental impact statement is required for the Na Pua Makani Wind Project being proposed by Champlin Hawaii Wind Holdings, LLC situated at TMK (1) 5-6-008:006 and TMK (1) 5-6-006:018, in the Koolauloa District in the City and County of Honolulu, on the island of Oahu. A completed Bulletin Publication Form and a summary of the proposed action are enclosed (with a copy of the same sent via electronic mail to oeqc@doh.hawaii.gov).

Pursuant to the requirements of Section 11-200-3, Hawaii Administrative Rules, and Section 11-200-15, Hawaii Administrative Rules, we request that you publish a public notice of this statutory determination in the next available periodic bulletin (Environmental Notice) for the public to submit comments to Champlin Hawaii Wind Holdings, LLC with copies of the approving agency during a thirty-day public comment period.

If there are any questions, please contact Ms. Leilani Pulmano at (808) 983-1233 or Ms. Brita Woeck at (425) 482-7645.

Very Truly Yours,

William J. Aila, Jr.
Chairperson

Copy: Champlin Hawaii Wind Holdings, LLC

Enclosures: (1) Completed OEQC Publication form
(2) Summary description of action in electronic format

APPLICANT ACTIONS
SECTION 343-5(C), HRS
PUBLICATION FORM (JANUARY 2013 REVISION)

RECEIVED
'13 DEC 10 P12:20
OFC. OF ENVIRONMENTAL QUALITY CONTROL

Project Name: Na Pua Makani Wind Project

Island: Oahu

District: Koolauloa

TMK: 5-6-008:006, 5-6-006:018

Permits: Possible permits include:

1. Incidental Take Permit from the U.S. Fish and Wildlife Service
2. Incidental Take License from the State Department of Land and Natural Resources /Division of Forestry and Wildlife
3. Conditional Use Permit – Minor from City & County of Honolulu
4. National Pollution Discharge Elimination System Construction Permit from State Department of Health
5. Public Utilities Commission Approval
6. Federal Aviation Administration Clearance
7. Lease for or easement right from State Department of Land and Natural Resources for use of state land
8. Permit to Move Oversized/Overweight Load from State Department of Transportation and City & County of Honolulu
9. Community Noise Permit for Construction Activities from State Department of Health
10. Construction and Building permits from City & County of Honolulu

Approving Agency:
Board of Land and Natural Resources
Contact: William J. Aila, Jr., Chairperson, Department of Land and Natural Resources, Kalanimoku Building,1151 Punchbowl Street, Honolulu, Hawaii 96813; (808) 587-0400

Applicant:
Champlin Hawaii Wind Holdings, LLC
Contact: Mike Cutbirth; 2020 Alameda Padre Serra, Suite 123, Santa Barbara, CA 93103; (805) 568-0300

Consultant:
Tetra Tech, Inc
Contact: Brita Woeck, Tetra Tech, Inc., 737 Bishop St., Suite 2340, Mauka Tower, Honolulu, HI 96813; (808) 441-6600

Status (check one only):

__DEA-AFNSI — Submit the approving agency notice of determination/transmittal on agency letterhead, a hard copy of DEA, a completed OEQC publication form, along with an electronic word processing summary and a PDF copy (you may send both summary and PDF to oeqchawaii@doh.hawaii.gov; a 30-day comment period ensues upon publication in the periodic bulletin.

__FEA-FONSI — Submit the approving agency notice of determination/transmittal on agency letterhead, a hard copy of the FEA, an OEQC publication form, along with an electronic word processing summary and a PDF copy (send both summary and PDF to oeqchawaii@doh.hawaii.gov; no comment period ensues upon publication in the periodic bulletin.

__FEA-EISPN — Submit the approving agency notice of determination/transmittal on agency letterhead, a hard copy of the FEA, an OEQC publication form, along with an electronic word processing summary and

	PDF copy (you may send both summary and PDF to oeqchawaii@doh.hawaii.gov; a 30-day consultation period ensues upon publication in the periodic bulletin.
X Act 172-12 EISPN	Submit the approving agency notice of determination on agency letterhead, an OEQC publication form, and an electronic word processing summary (you may send the summary to oeqchawaii@doh.hawaii.gov. NO environmental assessment is required and a 30-day consultation period upon publication in the periodic bulletin.
__DEIS	The applicant simultaneously transmits to both the OEQC and the approving agency, a hard copy of the DEIS, a completed OEQC publication form, a distribution list, along with an electronic word processing summary and PDF copy of the DEIS (you may send both the summary and PDF to oeqc@doh.hawaii.gov); a 45-day comment period ensues upon publication in the periodic bulletin.
__FEIS	The applicant simultaneously transmits to both the OEQC and the approving agency, a hard copy of the FEIS, a completed OEQC publication form, a distribution list, along with an electronic word processing summary and PDF copy of the FEIS (you may send both the summary and PDF to oeqc@doh.hawaii.gov); no comment period ensues upon publication in the periodic bulletin.
__ Section 11-200-23 Determination	The approving agency simultaneous transmits its determination of acceptance or nonacceptance (pursuant to Section 11-200-23, HAR) of the FEIS to both OEQC and the applicant. No comment period ensues upon publication in the periodic bulletin.
__Statutory hammer Acceptance	The approving agency simultaneously transmits its notice to both the applicant and the OEQC that it failed to timely make a determination on the acceptance or nonacceptance of the applicant's FEIS under Section 343-5(c), HRS, and that the applicant's FEIS is deemed accepted as a matter of law.
__Section 11-200-27 Determination	The approving agency simultaneously transmits its notice to both the applicant and the OEQC that it has reviewed (pursuant to Section 11-200-27, HAR) the previously accepted FEIS and determines that a supplemental EIS is not required. No EA is required and no comment period ensues upon publication in the periodic bulletin.
__Withdrawal (explain)	

Summary (Provide proposed action and purpose/need in less than 200 words. Please keep the summary brief and on this one page):

Champlin Hawaii Wind Holdings, LLC (Applicant) proposes to construct the Na Pua Makani Wind Project (Project) near Kahuku, Hawaii to provide up to 45 megawatts (MW) capacity of clean, renewable, wind energy to the Island of Oahu. The Project will be completed in two phases, resulting in the construction of up to 15 turbines. A portion of the Project is located on state lands, which triggers a Hawaii Revised Statutes (HRS) Chapter 343 review. A joint federal and state Habitat Conservation Plan is being prepared in anticipation of seeking an Incidental Take Permit (ITP) from the U.S. Fish and Wildlife Service (Service), and an Incidental Take License from the State Department of Land and Natural Resources (DLNR), Division of Forestry and Wildlife. The issuance of an ITP triggers the need for environmental compliance under the National Environmental Policy Act (NEPA). The Service and DLNR have determined that an Environmental Impact Statement (EIS) is warranted. By issuing this notice, the State process under HRS Chapter 343 and the federal process under NEPA will be aligned, and the EIS will be put forth as a single document that meets the requirements of both regulations.

Environmental Impact Statement Preparation Notice for the Proposed Na Pua Makani Wind Project, Kahuku, HI
Notice of Intent to Prepare an Environmental Impact Statement for the proposed Na Pua Makani Wind Project.

APPLICANT:
Champlin Hawaii Wind Holdings, LLC; Address: 2020 Alameda Padre Serra, Suite 123, Santa Barbara, CA 93103; Contact: Mike Cutbirth

ACCEPTING AUTHORITY:
Department of Land and Natural Resources/Land Division; Address: 1151 Punchbowl Street, Honolulu, HI 96813; Contact: Russell Tsuji, Administrator, (808) 587-0414

BRIEF DESCRIPTION OF PROPOSED ACTION:
Champlin Hawaii Wind Holdings, LLC (Applicant) has prepared this Environmental Impact Statement Preparation Notice (EISPN) pursuant to the State of Hawaii (State) Environmental review process, as required and defined by Chapter 343, Hawaii Revised Statutes (HRS) and Title 11, Chapter 200, Hawaii Administrative Rules (HAR), and Act 172-12. The purpose of this EISPN is to initiate the EIS scoping process under Chapter 343 and provide an opportunity for comment by reviewing agencies and the public to ensure the environmental concerns are given appropriate consideration in the decision making process along with economic and technical considerations.

The Na Pua Makani Wind Project (Project) is proposed as an up to 45 megawatt (MW) wind energy project located on public and private lands in Kahuku, Hawaii, adjacent to the existing Kahuku Wind Project. A portion of the Project site is located on land that is designated by the State of Hawaii as an agricultural district and is zoned by the City & County of Honolulu as AG-1 Restricted Agricultural District and AG-2 General Agricultural District. The portion of the Project located on public land is being leased from the Department of Land and Natural Resources (DLNR), who has been identified as the Accepting Authority for the purposes of complying with the Chapter 343 environmental review. The other portion of the Project is located on private land owned by Malaekahana Hui West LLC and is designated by the State of Hawaii as an agricultural district and is zoned by the City & County of Honolulu as AG-1. The location of the Project is indicated in Figure 1.

The Project will be completed in two phases, resulting in the construction of up to 15 turbines. Supporting infrastructure for the proposed Project currently includes met towers, access roads, wind turbine assembly lay down areas, overhead and underground transmission and collector lines, and may also include an on-site substation, and an operations and maintenance building. Construction of the Project is anticipated to begin in 2015.

The following describes the potential Project components. Note that dimensions, acreages, and other measures are subject to change based on refinement of the Project design and will be fully described in the draft joint National Environmental Policy Act/Hawaii Environmental Policy Act EIS.

Wind Turbines
The Applicant is currently considering 3.0 MW wind turbines but will select the most appropriate model based on the latest technology available. The Siemens 3.0-108 model meets current Project design criteria and will be used to analyze potential Project impacts. It has a hub height of 262 feet (ft; 80 meters [m]) and a rotor diameter of 354 ft (108 m); as a result, the maximum height to the top of the blade is 440 ft (134 m). Each turbine would be transported from the Honolulu Harbor via highways and assembled on site on a constructed foundation. After construction, a portion of the turbine pad area would be revegetated to minimize erosion, and a portion would be graveled to allow for operations and maintenance requirements and facilitate monitoring efforts.

Met towers
The Project would include at least one permanent lattice-frame (no guy wires) met towers. The tower would support weather instruments that measure and record weather data to measure performance and guide Project operation. The met tower would be approximately 262 ft (80 m) tall with base dimensions approximately 22 ft by 22 ft (7 m by 7 m) and reducing down to approximately 2 ft by 2 ft (1 m by 1 m) for the top 42 ft (13 m).

Access Roads
Internal access roads used for the Project will include portions of an existing road network plus the addition of new roads. Phase I may include 3.3 mi (5.4 km) of road and Phase II may include 1.2 mi (1.9 km) of road, depending on the final turbine layout. Existing roads would be improved, as needed, and expanded to meet construction and maintenance activity requirements.

Construction staging and equipment laydown area, operation and maintenance facility
This area would serve a variety of storage and support functions. During construction the area would be used as temporary storage and laydown area, refueling location, and waste collection area. It would also serve to provide

temporary parking, office space, and sanitary facilities. The permanent operations and maintenance building, storage, and parking area would be constructed in the same area, and these facilities would be used throughout the life of the Project.

Electrical Collection and Interconnect System

Power produced by the turbines would be collected through an electrical collection system. This would feed into an electrical substation, which steps-up the voltage and transmits the power to the point of interconnect with the island's general transmission system via a generator-tie line. To the extent practicable the collection system would be installed underground. Length below ground for the electrical collection system would be approximately 2.4 mi (3.9 km) for Phase I and approximately 1.7 mi (2.7 km) for Phase II.

The interconnection substation will be protected by a perimeter fence and would include the substation pad and below-grade electrical infrastructure. During construction, the substation area would be cleared and graded, and the substation pad would be compacted with well-graded material. Foundations would be installed for the components as required.

The generator-tie line will consist of an above ground power line mounted on monopoles. Pole dimensions, spacing, and locations will be determined based on detailed engineering that will take into account factors such as existing access, environmental constraints, and cost. Approximately 1.0 mi (1.6 km) of generator-tie line would be required for Phase II. Phase II would require reconductoring upgrades to approximately 20.5 mi (33 km) of existing overhead transmission line along the eastern shore of Oahu between the point of interconnect and the Waihee substation to support the increased load anticipated from the Project. This process would include a replacement of the electrical wires and reuse or replacement of existing power poles.

SUPPLEMENTARY INFORMATION

In 2009, Oahu Wind Partners, LLC (OWP) proposed to construct and operate a 25 MW wind farm, also called Na Pua Makani, on the DLNR-owned parcel. OWP prepared a draft Environmental Assessment (DEA) which was published in the OEQC Environmental Notice on September 8, 2009 for public comment. The OWP wind project did not move forward and the Chapter 343 analysis was not completed. Champlin's Na Pua Makani Project is a new project.

The U.S. Fish and Wildlife Service (Service), with the DLNR, intend to prepare a joint EIS to address the potential impacts associated with the construction, operation, maintenance, and decommissioning of the Project on state and private lands, and will also address the impacts of issuance of an Incidental Take Permit (ITP) under the federal Endangered Species Act of 1973, as amended, and an Incidental Take License (ITL) under the HRS Chapter 195D, and implementation of the associated joint Habitat Conservation Plan (HCP) prepared by the Applicant. The joint EIS will be prepared to comply with the requirements of the National Environmental Policy Act and the Hawaii Environmental Policy Act, and all necessary permits and approvals from other local, state, and federal agencies. The joint National Environmental Policy Act/Hawaii Environmental Policy Act EIS will describe the existing conditions and the potential environmental effects of the Project on resources of the physical, biological, and social environment.

The proposed joint HCP will cover potential take of federally-listed species that is incidental to activities associated with the construction, operation, maintenance, and decommissioning of the Project, and will include measures necessary to minimize and mitigate impacts to covered species and their habitats to the maximum extent practicable. We anticipate that the following five federally-listed endangered species will be included as covered species in the Applicant's proposed HCP:

- 'a'o or Newell's shearwater (*Puffinus auricularis newelli*);
- ōpe'ape'a or Hawaiian hoary bat (*Lasiurus cinereus semotus*);
- 'alae ke'oke'o or Hawaiian coot (*Fulica alai*);
- 'alae 'ula or Hawaiian common moorhen (*Hawaiian moorhen; Gallinula chloropus sandvicensis*); and
- ae'o or Hawaiian black-necked stilt (*Hawaiian stilt; Himantopus mexicanus knudseni*).

For these covered species, the Applicant would seek an ITP/ITL.

The following state-listed endangered species will also be included as a covered species in the Applicant's proposed HCP.

- pueo or Hawaiian short-eared owl (*Asio flammeus sandwichensis*).

The final list of covered species may include all of the above listed species, a subset, or additional species, based on the outcome of the planning process.

DATES:

- All comments on this notice will be considered if received between December 23, 2013, and January 22, 2014.
- A public scoping meeting will be held on January 10, 2014, at 6:30 p.m.in Kahuku, HI.

COMMENTS:
The primary purpose of this EISPN is to initiate the EIS scoping process under Chapter 343 and provide an opportunity for comment by reviewing agencies and the public to ensure the environmental concerns are given appropriate consideration in the decision making process along with economic and technical considerations. We request comments, suggestions, and data from all interested parties to ensure that a reasonable range of alternatives is presented and that all potentially significant issues are identified in the EIS. We will fully consider all comments received during the comment period. Comments and materials we receive will become part of the public record and will be available for public inspection, by appointment, during regular business hours.

We request data, comments, new information, or suggestions from the public, other concerned governmental agencies, the scientific community, native Hawaiian organizations, industry, or any other interested party on this notice. We will consider these comments in developing a draft EIS. We particularly seek comments on the following:

- The direct, indirect, and cumulative effects that implementation of any reasonable alternative could have on the biological, physical, social, and cultural environments;
- Other reasonable alternatives for consideration, and their associated effects;
- Relevant biological data and additional information concerning the proposed covered species;
- Current or planned activities in the subject area and their possible impacts on the biological, physical, social, and cultural environments;
- The presence of archaeological sites, buildings and structures, historic events, sacred and traditional areas, and other historic preservation concerns, which are required to be considered in project planning by the National Historic Preservation Act;
- Covered activities, including potential avoidance, minimization, and mitigation measures;
- Monitoring and adaptive management provisions; and
- Identification of any other environmental issues that should be considered with regard to the proposed Project and permit action.

Because this is a joint National Environmental Policy Act/Hawaii Environmental Policy Act document, all comments submitted in response to the USFWS Notice of Intent to Prepare an EIS and HCP issued in the Federal Register on November 5, 2013 (78 FR 214) and all comments subsequently submitted in response to this EISPN will be fully considered. Comments may be resubmitted in response to this notice; however, this is not required or necessary. A Draft EIS and Draft HCP will be published subsequently with a comment period to follow. Notice of these drafts will be made simultaneously in both the Federal Register and OEQC Bulletin.

ADDRESSES:
Please provide your email address with your electronic and written comments if possible. Electronic inquiries and comments are preferred and may be sent to: NaPuaMakanihcp@fws.gov.

All written inquiries and comments may be sent to: Mike Cutbirth, C/O Tetra Tech, Inc., 737 Bishop St., Suite 2340, Mauka Tower, Honolulu, HI 96813

A public scoping meeting will be held at Kahuku Village Association Community Center, 56576 Kamehameha Highway, Kahuku, Hawaii 96731.

FOR FURTHER INFORMATION CONTACT:
Brita Woeck, Tetra Tech, Inc., 737 Bishop St., Suite 2340, Mauka Tower, Honolulu, HI 96813; (808) 441-6600

DETERMINATION AND REASONS SUPPORTING DETERMINATION:
Pursuant to Section 11-200-12 of the Hawai‘i Administrative Rules, the determination of whether an action would have a significant impact on the environment should be based on an evaluation of the expected consequences of the proposed action, including the cumulative and overall effects, using the listed significance criteria. Each of these significance criteria are presented below, and are discussed in the context of the proposed project.

Subparagraph B of HAR § 11-200-12 states that “in most instances, an action shall be determined to have a significant effect on the environment if it”:

- Involves an irrevocable commitment to loss or destruction of any natural or cultural resource;
- Curtails the range of beneficial uses of the environment;

- Conflicts with the state's long-term environmental policies or goals and guidelines as expressed in Chapter 344, HRS, and any revision thereof and amendments thereto, court decisions, or executive orders;
- Substantially affects the economic and social welfare of the community or state;
- Substantially affects public health;
- Involves substantial secondary impacts such as population changes or effects on public facilities;
- Involves a substantial degradation of environmental quality;
- Is individually limited but cumulatively has considerable effect upon the environment or involves a commitment for larger actions;
- Substantially affects a rare, threatened, or endangered species, or its habitat;
- Detrimentally affects air or water quality or ambient noise levels;
- Affects or is likely to suffer damage by being located in an environmentally sensitive area such as a flood plain, tsunami zone, beach, erosion-prone area, geologically hazardous land, estuary, fresh water, or coastal waters;
- Substantially affects scenic vistas and viewplanes identified in county or state plans or studies; or
- Requires substantial energy consumption

Based on the established significance criteria, the description of the proposed project provided above, and input received from the local community during preliminary outreach efforts it is anticipated that the proposed action may result in a significant impact to the human and/or natural environment. Therefore, under the provisions of Act 172 (12), the DLNR has determined from the outset that an EIS is required for the Na Pua Makani wind project.

Background

Existing Conditions

The Project lies on 685 ac (277 ha) of land in Kahuku, Oahu. The operational Kahuku Wind Power facility abuts the Project area to the northwest (Figure 1). It is surrounded by agricultural farm lands to the north; residential housing, community infrastructure, and agricultural farm lands to the east; a mixture of agricultural farm lands and undeveloped forest lands to the south; and undeveloped forest lands to the west. James Campbell National Wildlife Refuge (JCNWR) is approximately 0.75 miles to the north and Malaekahana State Recreation area is 0.1 miles to the east.

The Project area consists of steep, dissected ridges surrounding gently sloping valleys (Hobdy 2013). Elevations range from approximately 3 ft (1 m) above mean sea level (amsl) on the northern edge to 614 ft (187 m) amsl on the southern edge. Soils include Kaena Stony Clay, 12 – 20% slopes, Paumalu Badlands Complex which is highly dissected and steep, and with coral outcrops at elevations below 100 ft amsl (30 m; Foote et al. 1972, Hobdy 2013).

The Project area is located within the 7.1 square mi (18.5 square km) Malaekahana Stream watershed. There are three streams within the Project boundary include: `Ohi`a Stream on the northern border; Kea`aulu Stream which runs through the middle of the Project, and Malaekahana Stream is on the southern border. A preliminary wetlands/waters assessment was completed in June 2013, indicating that these streams qualify as Jurisdictional Waters of the U.S. (Hobdy 2013a). Should impacts to these streams be unavoidable, they may be subject to jurisdiction under Section 404 of the Clean Water Act.

The vegetation within the Project area is dominated by a mixture of aggressive non-native weedy species that took over following the abandonment of sugar cane (*Saccharum officinarum*) agriculture. Several common native species occupy some of the ridge tops. The most abundant species in the Project area is the common ironwood (*Casuarina equisetifolia*). Native species are largely intermixed with non-native species with the exception of a few ridge tops where the native `ulei (*Osteomeles anthyllidifolia*), forms large monotypic patches. Other common native species included `uhaloa (*Waltheria indica*) and `akia (*Wikstroemia oahuensis*). A general biological survey of the Project area was completed in June 2013 (Hobdy 2013b). No threatened, endangered, candidate, or proposed plant species were detected.

A preliminary archeological assessment, consisting of archival and background research and a brief field inspection of the Project area, was conducted in 2013 (Pacific Legacy 2013). The results of this assessment indicate that there appears to be a very low probability of encountering any significant cultural resources within the Project area, and that there is a low likelihood that the Project area contains potentially significant archaeological remains that would preclude wind farm development (Pacific Legacy 2013).

Community Outreach

Community outreach has included attendance at several Kahuku Community Association (KCA) Board meetings, KCA General membership meetings, meetings with individual stakeholders, meetings with organizations within Kahuku and Laie and distribution of a project fact sheet. A scoping meeting for the National Environmental Policy Act process was

held on November 13, 2013, at the Kahuku Community Center. The Applicant continues to engage the agencies, the public, and other stakeholders.

National Environmental Policy Act/Hawaii Environmental Policy Act EIS

The following issues will be addressed in the EIS:

Physical Environment

- Soils/Geology
- Water Quality
- Air quality/Climate

Biological Environment

- Wildlife
- Vegetation
- Threatened and Endangered Species

Social Environment

- Visual Resources
- Noise
- Health Impacts
- Traffic/Transportation
- Archaeological and Cultural Resources
- Socioeconomics/Environmental Justice

The following are additional studies that will be completed as part of the EIS:

- In compliance with the requirements of HAR § 13-276-4, a more detailed Archaeological Inventory Assessment, entailing a summary of the traditional and historic activities and uses of the area and field work (pedestrian survey of previously unsurveyed areas, selected backhoe trenching, and hand excavation of test units) will be completed for the project and submitted to the State Historic Preservation District (SHPD) for approval. The AIS will be incorporated into the EIS.
- Pursuant to HRS Chapter 6E, a cultural impact assessment will be conducted to identify the effects of the Project on the cultural practices of the community and State.
- Visual simulation analyses will be completed to demonstrate the visibility of the proposed turbines and other Project components.
- A noise analysis will be completed to compare the predicted noise levels associated with the turbines and the associated facilities to the applicable noise standards.
-

References

Foote, D.E., E.L. Hill, S. Nakamura, and F. Stephens. 1972. Soil survey of the islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii. US Department of Agriculture. Washington, D.C.: U.S. Government Printing Office.

Hobdy, R. 2013a. Wetlands and Waters of the U.S. Assessment and Determination for the Na Pua Makani Wind Project, Kahuku, Ko`olauloa, Oahu, Hawaii, Kokomo, Maui. Na Pua Makani Power, LLC.

Hobdy, R. 2013b. Biological resources survey Na Pua Makani Wind Project, Kahuku, Ko`olauloa, Oahu, Hawaii. Kokomo, Maui. Na Pua Makani Power, LLC.

Pacific Legacy. 2013. Archaeological Assessment for the Proposed Na Pua Makani Wind Farm in the lands of Kahuku, Island of Oahu. Prepared for Champlin/GEI Wind Holdings, LLC.

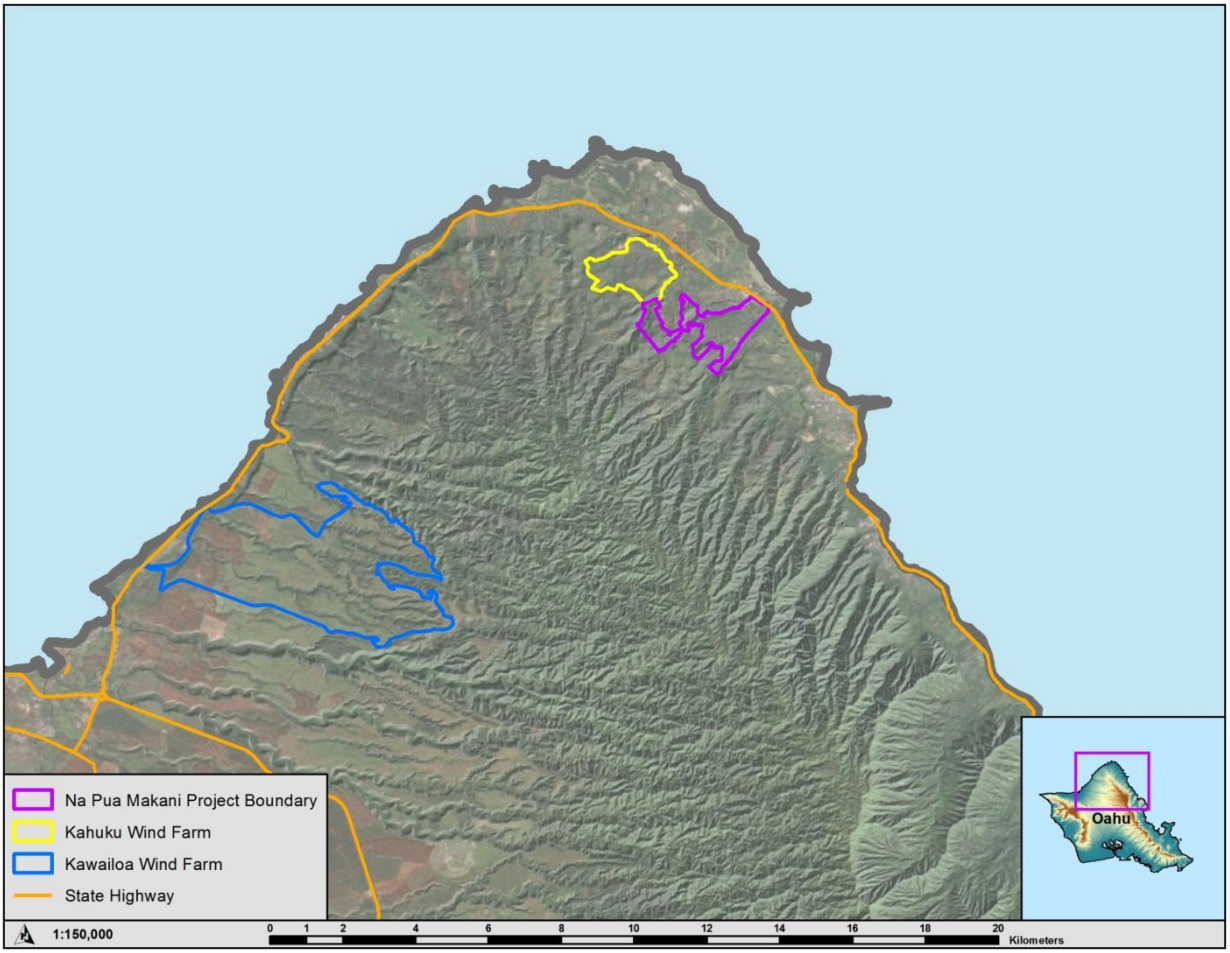

Figure 1. Napua Makani Project Vicinity Map

APPENDIX B
PUBLIC MEETING NOTICES

NOTICE OF PUBLIC SCOPING MEETING

Notice is hereby given that the
U.S. FISH & WILDLIFE SERVICE
will conduct a Public Scoping Meeting
for the
PROPOSED NA PUA MAKANI WIND PROJECT
Kahuku, Island of Oahu

Date: Wednesday, November 13, 2013
Time: 5:30 pm to 9:00 pm
Location: Kahuku Community Center
56-576 Kamehameha Hwy
Kahuku, HI 96731

The U.S. Fish and Wildlife Service (Service) is conducting a public scoping meeting associated with Champlin Hawaii Wind Holdings, LLC's (Champlin) proposed Na Pua Makani Wind Project located near the town of Kahuku, City and County of Honolulu, on the island of Oahu, Hawaii.

The Service is gathering information to prepare a draft environmental impact statement (EIS) to analyze the potential impacts of the issuance of an incidental take permit (ITP) under the Endangered Species Act (ESA). The ITP would authorize the incidental take of listed species caused by the construction and operation of the proposed project. In accordance with requirements of the ESA for an ITP, Champlin is preparing a habitat conservation plan to minimize and mitigate the impacts of take of listed species likely to be caused by the proposed project.

The proposed project would be located on State of Hawaii (Department of Land and Natural Resources) and leased private lands, located adjacent to the existing Kahuku Wind Farm. The proposed project will provide up to 45 megawatt capacity of renewable wind-generated electricity to the island of Oahu. Supporting infrastructure for the proposed project currently includes access roads, wind turbine assembly lay down areas, overhead and underground transmission and collector lines, and may also include an on-site substation, and an operations and maintenance building.

The scoping meeting provides an opportunity to express your views and offers information on the scope of issues and alternatives that should be addressed in the EIS. Comments concerning the preparation of the EIS should be identified as such, and may be submitted in person at the public scoping meeting or by one of the following methods:

- Email: NaPuaMakanihcp@fws.gov. Include "Na Pua Makani HCP and EIS" in the subject line of the message;
- U.S. Mail: Loyal Mehrhoff, Field Supervisor, U.S. Fish and Wildlife Service, Pacific Islands Fish and Wildlife Office, 300 Ala Moana Boulevard, Room 3-122, Honolulu, Hawaii 96850;
- In-Person Drop-off, Viewing, or Pickup: Written comments will be accepted at the public scoping meeting on November 13, 2013, or can be dropped off during regular business hours at the above address; or
- Fax: (808) 792-9581, Attn.: Loyal Mehrhoff.

For more information regarding the meeting, please contact Mr. Loyal Mehrhoff or Aaron Nadig, U.S. Fish and Wildlife Service (see address above); by telephone (808) 792-9400; or by email at NaPuaMakanihcp@fws.gov.

Persons needing reasonable accommodations to attend and participate in the public meeting should contact Loyal Mehrhoff or Aaron Nadig (see contact information above). Please note that the meeting location is accessible to wheelchair users. To allow sufficient time to process requests, please call no later than one week in advance of the meeting.
(SA573428 11/7/13)

Na Pua Makani Wind Project

Public Meeting

The public is invited to attend an informational meeting concerning the preparation of the Environmental Impact Statement for the proposed Na Pua Makani Wind Project located in Kahuku, Oahu

Friday, Jan. 10, 2014 at 6:30 pm to 8:00 pm
Kahuku Community Center, 56-576 Kamehameha Hwy
Kahuku, Hawaii 96731

NOTICE OF PUBLIC SCOPING MEETING

Notice is hereby given that
CHAMPLIN HAWAII WIND HOLDINGS, LLC
will conduct a Public Scoping Meeting
for the
PROPOSED NA PUA MAKANI WIND PROJECT
Kahuku, Island of Oahu

Date: Friday, January 10, 2014
Time: 6:30 pm to 8:00 pm
Location: Kahuku Community Center
56-576 Kamehameha Hwy
Kahuku, HI 96731

Champlin Hawaii Wind Holdings, LLC (Champlin) is conducting a second public scoping meeting associated with the proposed Na Pua Makani Wind Project located near the town of Kahuku, City and County of Honolulu, on the island of Oahu, Hawaii.

Champlin is gathering information to prepare a draft environmental impact statement (EIS) to analyze the potential impacts caused by the proposed project.

The proposed project would be located on State of Hawaii (Department of Land and Natural Resources) and leased private lands, located adjacent to the existing Kahuku Wind Farm. The proposed project will provide up to 45 megawatt capacity of renewable wind-generated electricity to the island of Oahu. Supporting infrastructure for the proposed project currently includes access roads, wind turbine assembly lay down areas, overhead and underground transmission and collector lines, and may also include an on-site substation, and an operations and maintenance building.

The scoping meeting provides an opportunity to express your views and offers information on the scope of issues and alternatives that should be addressed in the EIS. Comments concerning the preparation of the EIS should be identified as such, and may be submitted in person at the public scoping meeting or by one of the following methods:

- Email: NaPuaMakanihcp@fws.gov. Include "Na Pua Makani HCP and EIS" in the subject line of the message;
- U.S. Mail: Mike Cutbirth, c/o Tetra Tech 737 Bishop Street, Suite 2340, Honolulu, Hawaii 96813
- In-Person Drop-off, Viewing, or Pickup: Written comments will be accepted at the public scoping meeting on January 10, 2014, or can be dropped off during regular business hours at the above address; or
- Fax: (808) 836-1689, Attn.: Mike Cutbirth.

For more information regarding the meeting, please contact Tessa Munekiyo Ng at (808) 983-1233.

Persons needing reasonable accommodations to attend and participate in the public meeting should contact Tessa Munekiyo Ng at (808) 983-1233. Please note that the meeting location is accessible to wheelchair users. To allow sufficient time to process requests, please call no later than one week in advance of the meeting.
(SA589087 1/2/14)

APPENDIX C
MEETING TRANSCRIPTS

1 NEPA PUBLIC SCOPING MEETING

ORIGINAL

2

3 NA PUA MAKANI WIND PROJECT

4 IN RE: Habitat Conservation Plan

5 IN RE: Environmenal Impact Statement

6

7

8 PLACE: Kahuku Community Building

9 56-576 Kamehameha Highway

10 Kahuku, Hawaii

11 DATE: November 13, 2013

12 TIME: 5:30 p.m.

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21 Reported by: Kathryn Plizga,

22 Hawaii CSR No. 497

23

24

25

1 APPEARANCES:

2 FOR THE U.S FISH AND WILDLIFE SERVICE:

3 Aaron Nadig

4

5 FOR CHAMPLIN WIND:

6 Mike Cutbirth

7

8 FOR MUNEKIYO & HIRAGA, INC..

9 Lelani Pulmano

10 Tessa Munekiyo

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1 I N D E X

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6	PUBLIC AUDIENCE COMMENTS:	
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11	PUBLIC AUDIENCE QUESTION AND ANSWER:	
12	Kent Konomoana	25
13	Junior Primacio	40
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15	Mr. Tablin	45
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22	CLOSING REMARKS:	
23	Aaron Nadig	63

24

25

(6:20 p.m.)

P R O C E E D I N G S

MR. NADIG: Thanks, everyone, for coming.

I am Aaron Nadig with the U.S. Fish and Wildlife Service. This is the Scoping Meeting for Champlin Wind, this project, Na Pua Makani.

Mike Cutbirth is here to talk about the details of the project. Munekiyo & Hiraga have been out here doing media outreach on the Habitat Conservation Plan, trying to help us do the paperwork on the regulatory actions.

Basically, Fish and Wildlife Service is supporting alternative energy, and we're trying to set it in responsible areas and to responsibly offer conservation for precious resources. That's the reason that the EIS is seeking an incident permit and that's the reason we're here tonight, because the Federal energy compliance is part of that.

This is a scoping process. Tonight, we are going to focus on public comment. We will be up here after the presentation, we will give you guys an opportunity to come up and speak.

I would like everyone to be cognizant about the time mentioned and basically give other people

1 comment, and that will be provided later. If you
2 wish to comment, we have an e-mail address comment
3 for the scope of the process.
4 Everyone, I assume, signed in at the front
5 desk, with Lelani. Like I said, we will be taking
6 written comments as well for those who aren't able to
7 speak tonight. We have a court reporter right here
8 and she'll be taking a transcript of tonight's
9 hearing so that we will have a record.
10 This is, like I said, this is the Federal
11 portion of working on the Na Pua Makani project. We
12 are working in conjunction with the state of Hawaii.
13 They are a little bit behind us in the process and I
14 think that they'll be having their scoping meeting
15 probably a month after ours, sometime in December.
16 So you will have another opportunity for a
17 scoping meeting at the time that the EPA process
18 kicks in for the state. That triggers, like I said,
19 for the issue of our permit, protecting threatened
20 species related to this project; and triggers for
21 the state's environmental process the fact that the
22 Na Pua Makani will be situated on state lands.
23 Tonight, we want to give you an opportunity
24 as a public to ask questions and try to provide
25 answers to your questions. This is the start of the

1 process, so we are just beginning. So we might not
2 be able to answer all of those questions. We have a
3 lot of work still ahead of us. It is a long process.
4 There will be another opportunity to comment, like I
5 said, in December for scoping process.
6 And then when we have draft documents, more
7 information on the project, on the siting and the
8 effects of the project, they will be released in a
9 public meeting that will also be open for public
10 review.
11 So this is just a slide. There's also one
12 over here, shows where we are in the process. So,
13 like I said, on the EIS side of things, we were at
14 least knowing tonight it was part of the scoping
15 process.
16 The state, it's pretty close to us right
17 now. We are dovetailing more as we work towards
18 completing the project. It will be both state and
19 Federal funded.
20 So we are ready for Mike Cutbirth from
21 Champlin to discuss more about the project with us.
22 MR. CUTBIRTH: Thank you, everyone, good
23 evening. My name is Mike Cutbirth. I am the manager
24 of Champlin Wind Holdings, sponsor of the project.
25 Appreciate all of you coming out to this

1 public scoping meeting. This is the first couple of
2 meetings.
3 Just by way of background, I have been in
4 the wind industry about 18 years. Our management
5 team has developed over a dozen wind projects over
6 the years in the United States. And we are not
7 affiliated with First Wind, this is not a First Wind
8 project. So, why are we here?
9 We're proposing a wind energy project
10 because the state of Hawaii has passed two laws that
11 require 70 percent clean energy and require
12 40 percent of the electricity generated to be
13 generated from renewable sources. This project will
14 help achieve those goals and meet those laws.
15 Additionally, Hawaii has the highest
16 electricity costs in the nation. And renewable
17 energy projects generate electricity at a fraction of
18 the cost of burning oil. Currently, Hawaii imports
19 about four and a half billion dollars of oil from
20 foreign countries each year, and that represents
21 about eight percent of Hawaii's economy. So every
22 renewable project that is brought on line helps
23 reduce that dependence on oil and it helps to drive
24 down the cost of the electricity for all the
25 customers in Hawaii.

1 customers in Hawaii.

2 So the project is proposed on the North

3 Shore. And the area in yellow is the First Wind

4 Kahuku project and the area in purple is our proposed

5 project.

6 MR. KONOMOANA: Question?

7 MR. CUTBIRTH: Sir?

8 MR. KONOMOANA: Can you go back a slide?

9 Where is the Kahuku community located? Can you point

10 to it on the map, where the Kahuku community is, a

11 residential community?

12 I've got a real good map that demonstrates

13 where the Kahuku Community is between those two

14 projects. If you can't do it, I can.

15 MR. CUTBIRTH: Well, if you have a better

16 map later --

17 MR. KONOMOANA: I have a real good one,

18 because this map here doesn't show the other project

19 as well as the Kahuku Community property, for all

20 those who may not know where we live.

21 MR. CUTBIRTH: Well, Ken, I think you may be

22 a little generous on that. I think there's a

23 subdivision, and you live kind of right in this area

24 right here, and the community is down around the

25 Kamehameha Highway.

1 it would be built on both state land, which is
2 managed by the Department of Natural Land and Natural
3 Resources and also on private land. The project is
4 proposed in two phases.
5 The first phase would be eight turbines, the
6 second phase up to seven turbines. Some of the
7 additional infrastructure would include access roads,
8 transmission lines, potentially an on-site substation
9 and another building.
10 This is a layout of the project, the
11 location of the wind turbines as well as access
12 roads, and in-ground transportation lines.
13 As a part of the permitting process, we'll
14 prepare in conjunction with the State and Federal
15 agencies a Habitat Conservation Plan. And we do that
16 because there are five Federally listed endangered
17 species and one state listed endangered species.
18 The Habit Conservation Plan will be a joint
19 document, both Federal and State, and will cover both
20 the construction and operation of the project.
21 And we're currently working with the
22 agencies to develop estimates and litigation plans
23 and strategies. And we expect that the HCP for the
24 project will be similar to other HCP's that have been
25 prepared on other projects here in Hawaii.

1 So, over the course of the last nine months,
2 we have had a number of meetings with the community
3 and we've gotten a lot of good comments and questions
4 and input. And tonight is important because this is
5 an opportunity to provide your input and comments in
6 particular matters that are important to you to be
7 evaluated and studied as a part of the preparation of
8 an Environmental Impact Study. So your input here is
9 actually going to become a part of the official
10 project record.
11 And while we've had over the months some
12 very good comments, very good questions related to
13 what health and safety impacts this project and wind
14 turbines generally have, what length of additional
15 fire leads, whether the project designed to withstand
16 hurricanes, what sort of noise levels, clients we
17 have.
18 It's important that you give those comments
19 tonight because this is where they become a part of
20 the official record. And this comment period is open
21 through the 5th of December.
22 And if I could, turn over the balance of the
23 process to Aaron. Thank you.
24 MR. NADIG: So again, this is a scoping
25 process. So this is the beginning of the process.

1 Obviously, the state isn't here so there still is
2 continued scoping necessary with EPA.
3 The draft EIS and draft HCP, at the time
4 they are released they will be a joint document for
5 both agencies. And there will be another public
6 comment period in 2014, and you'll have more
7 information to answer your questions, and to see what
8 the project is as it develops.
9 So, like I side, the deadline for the
10 scoping process for the Federal side is December 5.
11 Obviously, it's going to be open also for the state.
12 And both those comment periods will be provided in
13 the document.
14 Tonight, we have the mikes and I guess we
15 have the court reporter. The oral comments will be
16 recorded. Again, for those that don't necessarily
17 feel comfortable speaking, you will have an
18 opportunity for written comments as well as the
19 e-mail addresses here. I believe you guys have a
20 hand-out, correct?
21 So there will be a hand-out that will have
22 your e-mail address on it and you'll be able to do
23 that. Again, on the Federal side we have a fax
24 number if you want to submit a fax letter. We also
25 have an address if you want to submit it through

1 traditional mail.

2 So, thank you for coming. And I would like

3 to open up the mikes now. Please step up, please

4 make sure you say your name, say your name clearly so

5 the reporter can get that. And then we'll proceed

6 with comments.

7 MR. HO: My is Carl Ho, I live in Laie.

8 I understand we need some renewable energy.

9 I understand that. But I am born and raised here,

10 Hawaiian. My mistake, I will live with that. I have

11 been an American and I am a proud vet. I also am

12 Hawaiian. And now, seeing for the first time going

13 over towards which Waialua and standing at the 18th

14 hole of the golf course, seeing the wind mills, it's

15 an eyesore. This is a beautiful state, this is our

16 land.

17 Everything is done in ways -- everybody

18 wants to get paid. You here for money. You're not

19 here for our this or that. You know, you're trying

20 to do something, everybody is here for money. You

21 want money. You want to get while the getting is

22 good. I understand that too. I have got to live

23 with it.

24 But it's still hard to swallow. Waimea Bay,

25 we have gone to sleep on that. I kind to like to

1 sleep on this one too. You know, I wasn't really an
2 activist, but I do have a say. Some of these wind
3 mills are a little close for the children, for the
4 elders. But it is convenience that you put a way
5 for. And I mean, there is a lot into it --
6 You put a Hawaiian name on this project.
7 Why don't you put your own name on it, you know.
8 Don't put something that's Hawaiian that is
9 Caucasian. We need it, yes, I understand. We can do
10 better, we can make better choices.
11 One on the back side, we were talking to
12 Joe, I don't mind if it's further away. I understand
13 we need it. But if some of those blades come off on
14 some high winds -- and the school is right in the
15 area -- I mean -- everyone is going to get disaster
16 anyway if we get a hurricane like the Philippines
17 just had. But I lived through Hurricane Eva. Even
18 this part of the island got as bad as the other side
19 on Waianae. This side barely got touched.
20 But Eva, we don't have a little bit -- all
21 the blades are gone. We were out of electricity for
22 six weeks, but that was play time costs. It was fine
23 with me.
24 But, there's certain things we need, I
25 understand. My say is the one that's too close, put

1 them back farther. Figure out a way. I don't know,
2 you're still going to do what you're going to do.
3 You're going to get your approval, you're going to
4 get your permits, I understand. But I don't know,
5 the people got a say for it, yay or nay. And that's
6 really all I have to say.
7 MR. FONOIMOANA: My name is Kurt Fonoimoana.
8 I have been involved with gathering information with
9 this project since its inception.
10 During the first phase, a gentleman came
11 through, his name was Keith Avery. Keith Avery made
12 several representations to our community, I was in
13 total support at that time. When they first brought
14 in the original project, they were going to put --
15 unfortunately I don't have fancy maps so I can find
16 it on this one though -- they were going to put four
17 turbines right about there, right in here.
18 (Indicating) And we stood up and said we don't want
19 them there. And we appreciate the fact that they
20 took them out.
21 However, there's more than that argument
22 about the close proximity. And we have this in the
23 proximity. If we were to put the same layout of
24 these turbines around the James Campbell Wildlife
25 Refuse, you guys would all scream.

1 Refuse, you guys would all scream.

2 But we can do it to us, humans. Mike has

3 had several conversations with me regarding the --

4 about Dr. Pierpont's theory of turbine syndrome.

5 He can argue from a scientific point of

6 view. He was also on the committee that -- part of

7 the agencies that came up with the information to

8 debunk Pierpont's theories of turbine syndrome.

9 Personally, I don't want -- I supported the

10 First Wind project when they came in, after many

11 weeks of talking to whoever I can, including my

12 maker, to see if that was the right thing to do for

13 our community.

14 Renewable energy, you heard my buddy Carl

15 say we need it, I support renewable energy. I would

16 like to add a word in there, responsible. In my book

17 it is irresponsible to completely surround the Kahuku

18 Community on three sides with turbines.

19 We have done our share for this island.

20 7,000 homes are being powered now that they got First

21 Wind back up on line, and I am glad that they did.

22 Where's Caroline? Caroline shared that with

23 Brandon and the other guys. I'm glad to see you guys

24 back on line. Now we are producing juice. However,

25 I didn't particularly want them here either. But not

1 finding a good enough argument to argue against them,
2 I had nothing else to do but try to support the
3 bigger picture.
4 However, the bigger picture in my book
5 includes human beings at this point when we're
6 surrounding ourselves, the Kahuku Community. Since
7 we're providing 7,000 -- well -- on its optimum
8 energy output -- 7,000 homes are getting energy due
9 to Kahuku's good will. We've done our share. Kahuku
10 quote/unquote has done our share as a local.
11 Waialua has done their share.
12 I am waiting to see them pop up in East
13 Honolulu. If they can put them up over here, they
14 can put them up over there. Kailua, Nanakuli, which
15 was the original place they were supposed to put
16 these turbines. However, their community objected
17 and our former leaders in government leadership said,
18 oh, let's put them in Kahuku because they're not
19 organized.
20 This is a personal issue to me. I live up
21 there where I will be impacted.
22 Our elementary school is 1,200, 1,300 feet
23 away from the closest turbine. Our high school the
24 same, police, fire station the same distance.
25 The problem is not only the distance, the

1 It's upwind of the -- normally normal trade
2 winds upwind. Our students are already struggling,
3 you want to give them more distractions? This isn't
4 entirely a hurricane safety-type issue.
5 When the big storm comes, I am sure it's
6 possible that one such as that hit the Philippines
7 will hit us. I think one of those 150-foot long,
8 7-ton blades could do quite a bit of damage if it
9 landed in the wrong spot. I don't know if there
10 would be a right spot.
11 I'm not against renewable energy, but I
12 certainly am against this project. Keith Avery, when
13 he first came to Kahuko, promised us if your
14 community says they don't want it, we're not going to
15 build it.
16 Well, we organized and we let him know we
17 didn't want it. I walked personally my entire
18 community. And I have been lucky if I found two
19 people who said, oh, well, it's not that bad. But
20 every person that I talked to, up and down the
21 roads said, no, we don't want any more, and those
22 over there are too close.
23 I didn't have to say anything, oh, by the
24 way, I kind of voted for those. I felt bad. I
25 regret that decision sometimes.

1 regret that decision sometimes.

2 I want accountability. Fish and Wildlife,

3 you, the Federal Government and State, all this other

4 stuff, you guys are going about your business as if

5 it's already a done deal. You are going to make the

6 community, which is not exactly informed, because I

7 know there's public information person, they are not

8 doing their job. How many people are from Kahuku?

9 One, two, three, four, five, six, seven or so.

10 My goodness, there's more people in Kahuku

11 than that. How many people are not from Kahuku,

12 raise your hands. I want to see everybody.

13 No shame in the back, you're not from

14 Kahuku, I don't recognize some of you guys, we're out

15 numbered. We are being kind of told what to do.

16 And I'm telling you that I am going to spend

17 a lot of my time and energy, Mike, to try to guide

18 the community through a responsible process of

19 bringing energy to the people. And in my honest

20 opinion, no problem with wind energy, we need wind

21 energy -- to me is a scam -- close to it.

22 The longer that we defray from focusing on

23 true answers for this particular state -- wind energy

24 is good in other parts of the country, don't get me

25 wrong -- I am not anti-wind. But in this particular

1 state we're sitting on a resource that we're not
2 using that could provide 24/7, 365 consistent power
3 all the time.
4 And that will be geothermal. And any more
5 focus on going after wind is putting -- is punting
6 that ball down the road, geothermal ball. In my
7 book, I'm opposed. Thank you for your time.
8 MR. PRIMACIO: My name is Junior Primacio.
9 I am a long-time resident in Kahuku, born and raised
10 in Kahuku. Graduated from Kahuku High School, worked
11 for the plantation, and raised my family here. The
12 only time I was not in Kahuku is when I went to
13 Vietnam.
14 I'm here to let you all know where Kahuku is
15 coming from. Kahuku is a deprived community,
16 deprived in many ways. Talking about the hurricanes
17 that occurred in Kahuku two times. We were the last
18 to be served, including our elderly housing,
19 including our hospital. We were without water, we
20 were without electricity. We managed. We managed.
21 We had our people go to the mill, the sugar
22 mill, where we had a potable water well that was
23 acceptable for drinking. People with buckets had to
24 come to the mill and get water. We had to get the
25 National Guard to provide water for the hospital and

1 also the elderly housing.

2 It wasn't easy, but we survived. And if

3 you're going further back, when the plantation left

4 Kahuku, we were dominantly independent in Kahuku with

5 no help from nobody. But we had one hotel that was

6 going to be built, being built.

7 And a lot of the things we said that we are

8 going to do, we did. We decided that, okay, the

9 plantation is closing down, we better do something

10 about that hotel. We were the only community that

11 supported that hotel. And it's unfortunate, but we

12 had to survive.

13 And again, if you look at today's situation,

14 Kahuku has problems with the bridge, Kahuku has

15 problems with our elderly, our Kahuku Housing area,

16 Kahuku has problems with our district both. All that

17 wasn't there, we put it together. And yet we needed

18 the support of the community to survive and the

19 support of the government to help us endure

20 ourselves, which was not in prevail.

21 What I'm getting at here, here we have

22 Kahuku's wind energy is one of the best on this

23 island. We have got 12 wind mills that first we put

24 up, and we can put up to another 15, I think, in our

25 area, to be sustainable.

1 And we had denied First Wind, they wanted to
2 put five more wind mills along Kam Highway which we
3 denied vehemently.
4 We are now supporting our effort to get this
5 wind project going. Now, let me tell you, why do we
6 feel the way we do?
7 Look at our gas price right across the
8 street here. That's $4.20, that's higher than any
9 other place in our neighboring communities and up in
10 Kaaawa, likewise in Waialua. Why? Is it harder to
11 bring gas to Kahuku? But we had to live with that.
12 That's one true fact that exists. Who hurts? Our
13 community.
14 Okay, we talk about having wind farm, we put
15 up 12 wind farm, we supported that. We hope that
16 some day our electric bill going down. Never going
17 to happen, never going to happen.
18 I don't think it will ever come about where
19 our electric bill will go down. Unfortunately,
20 that's the way I feel.
21 So I am taking a different view with this
22 wind farm. I'm saying, yeah, we can put up to 15
23 or -- I am not sure what the number -- 15 or 20 more
24 wind mills in our area.
25 And I cannot speak for our neighboring

1 can put up about 15 more wind mills, and we will,
2 without interference from people who are not
3 undesirable or just don't want wind mills or don't
4 want turbines or don't want nothing to be developed.
5 We are going to pursue this because -- let
6 me tell you this -- I want our people -- not their
7 electric bill going down because that will never
8 happen -- even if we go to Hawaiian Electric or even
9 we go with the City or the State to get monies to
10 help our community, that will never happen.
11 I know that's the developer, he is going to
12 give this community monies. And somehow, some way we
13 are going to put it together so that our people in
14 our community can benefit. And I'm sincere in that
15 effort.
16 These guys are not going to get a free ride
17 this time. What they are proposing to do is give us,
18 per turbine, $10,000 per turbine. That's $80,000
19 that we don't have and our school can use, that the
20 community can use in their endeavor.
21 Maybe I should stop. Thank you.
22 MR. REED: My name is Tanoai Reed and I am
23 born and raised in this community and five
24 generations deep we are family. I just came back
25 from living on the mainland for 15 years. Returned

1 home with my wife and my son. And I am proud to come
2 back to Kahuko where I went to, and wanted him to be
3 raised here like I did.
4 And, you know, it's happening. But this
5 really breaks my heart to see this area and the fact
6 that this community is getting money -- it also
7 breaks my heart because it seems like this company is
8 dangling a carrot in front of a low-income area. You
9 never see this thing be put up in Hawaii Kai or in
10 Kailua; there is a reason why these aren't near big
11 cities, because it's dangerous.
12 If you want to put these up, fine, it is
13 sustainable energy, good, all that is good. Move it
14 back, spend the extra couple million, build the roads
15 and make it safe. Because when they say billboards,
16 these things are not going to benefit the community,
17 billboards will not benefit the community, only the
18 people putting them up.
19 If you're going to put these up, would you
20 put these in your backyard? Would you put these with
21 the kids in school? That has to stay behind like
22 this. No, you get a job, the wind here is making all
23 this money and spread a couple of dollars at us and
24 expect us to be happy at that with the long-term
25 effects of this.

1 There are studies out there people getting
2 affected, physically not sleeping because of the
3 sound of this. You guys are supposed to go to every
4 community that has turbine engines, and turbine wind
5 turbines that are near communities, find out there is
6 any other kind of complaint of what they are before
7 you can consider putting these things in our area.
8 Thank you.
9 MR. CUTBIRTH: Do we have time for Q and A?
10 I was just wondering if there was anyone else that
11 wants to make comments on the scoping meeting before
12 we move on to Q and A session.
13 Is there anybody else that wants to make
14 comments on the EIS for the scoping meeting portion?
15 MR. NADIG: Okay, Mike, we can close that
16 comment period.
17 MR. HO: Everyone is going with solar now
18 and that impacts us right away as a home owner.
19 You know, I am going -- one of my friends
20 had proposed to me already that I wouldn't pay more
21 than what I've already paid in order to get a system
22 set up. And within five years, it will be done. I
23 don't have to pay nothing, I pay nobody nothing. In
24 fact, when I'm backwards -- I mean, I have got to do
25 my roof and stuff like that.

1 my roof and stuff like that.

2 But, you know, so if everybody goes with

3 solar, you guys are out. So is that the push or

4 what? No? What do you mean no?

5 No? No, I see you shaking your head no.

6 That doesn't -- like he said -- if we've done our

7 share, 7,000 homes, why does it have to be here?

8 You can choose somewhere else. But you want

9 to push it on the people that don't fight as hard.

10 But now we're fighting. Waimea was kind of the last

11 straw for me. Turning on Waimea now. So I'm on

12 board for no. I don't know, push it back farther.

13 MR. NADIG: Does anybody have any other

14 comments for the EIS scoping portion of the meeting?

15 Okay, Mike, do you want to answer some

16 questions?

17 MR. CUTBIRTH: Sure.

18 MR. NADIG: So we'll close the public

19 portion. Thank you, everybody, for coming for this.

20 (QUESTION AND ANSWER PERIOD)

21 MR. KONOMOANA: Thank you, Mike. It will be

22 more amenable for me to ask you a few questions. I

23 will be nicer than I was the last time, I promise.

24 The last time you presented to the Kahuku

25 Community Association, when I was here. That was

1 September, I believe it was. September, correct?
2 MR. CUTBIRTH: I think it was August.
3 MR. KONOMOANA: Oh, no, August. August,
4 that's right, I'm sorry. Jet lag, I hadn't been on a
5 flight for a while.
6 In August, one of the most important -- you
7 gave us a whole bunch of -- answered a whole bunch of
8 questions for the community. But one question I had
9 asked you in public prior to that that you didn't
10 answer was, are we going to uphold the commitment
11 that Keith Avery made to this community by him
12 saying, if the community says no, we're not going to
13 move forward with this project?
14 Are we going to honor that? As a man to a
15 man, he's a man. He sat here, he mentioned that.
16 It's in print by the way on the Star advertiser, his
17 comments.
18 MR. CUTBIRTH: So I wasn't here when the
19 discussion occurred. I did ask Keith about that.
20 And so, what he told me was that when we first
21 identified this site as a good potential wind site --
22 and I would tell you that we're looking at a site in
23 Kahuku because of the wind resource and the fact that
24 there's transmission capacity --
25 MR. KONOMOANA: That's not my question.

1 MR. KONOMOANA: That wasn't my question.
2 Sorry, you're doing the same thing as last time and
3 that's why I had to step on you. I tried to be more
4 respectful than that, but please --
5 MR. CUTBIRTH: Let me finish.
6 MR. KONOMOANA: The flesh of the question
7 was --
8 MR. CUTBIRTH: Yeah, so I asked Keith what
9 the discussion was, what the commitment was.
10 And he started working on this project, I
11 think, in 2008.
12 MR. KONOMOANA: Correct.
13 MR. CUTBIRTH: When he identified the land,
14 it was land that was in the state --
15 MR. KONOMOANA: State agricultural park.
16 MR. CUTBIRTH: And what he told me was --
17 MR. KONOMOANA: Mike, I'm sorry, not to cut
18 you off. I don't want to be up here all night. It's
19 the same thing you did the last time. I told you I
20 would be nicer.
21 Can you at least respect my question and
22 answer the question with a simple yes or no?
23 MR. CUTBIRTH: I'm trying to answer your
24 question.
25 MR. KONOMOANA: Yes or no; are we going to

1 MR. KONOMOANA: Yes or no; are we going to
2 honor the agreement that Keith Avery, your
3 prospector, made with this Community? If the
4 Community says we don't want to move forward with
5 this project, then we will not is exactly what he
6 said.
7 Now that he has got all the -- his ducks
8 lined up -- he steps out of the project and they
9 bring you in. Now, you can deny that he made those
10 representations to the Kahuku Community, but I am
11 here to tell you that he did.
12 MR. CUTBIRTH: Okay, let me just tell you --
13 MR. KONOMOANA: That's my first question.
14 MR. CUTBIRTH: So, first of all, he's not a
15 prospector of ours, we weren't involved with him in
16 this project when he first started in 2008.
17 But he told me that before he asked the
18 state to remove this property from the Governor's
19 executive order, that he went to the Community to ask
20 for their support and that he would not ask the State
21 to remove it from the executive order --
22 MR. KONOMOANA: That's the point. He did
23 not get the support is what I'm trying to tell you.
24 MR. CUTBIRTH: His version of the story,
25 Kent, is that he got the Community's support and he

1 did get the property removed from the Executive
2 Order.
3 And again, recognizing I wasn't there --
4 MR. KONOMOANA: I would like to see a vote
5 from the Kahuku Community Association, since the
6 president of the KCA Board is here tonight -- do you
7 happen to know, Melissa, has the Kahuku Community
8 Association come out with a position positive to
9 support this project?
10 MS. MELISSA PRIMACIO: It's still in
11 Planning.
12 MR. KONOMOANA: It has not, is that correct?
13 It has not, is that correct?
14 MS. MELISSA PRIMACIO: What was your
15 question?
16 MR. KONOMOANA: Has the KCA approved this
17 project?
18 MS. MELISSA PRIMACIO: It's still in
19 discussion.
20 MR. KONOMOANA: It has not. It is either it
21 has or it has not been approved.
22 MS. MELISSA PRIMACIO: It has not.
23 MR. KONOMOANA: It has not been approved.
24 Thank you, Melissa. It has not.
25 The Kahuku Community Association is

1 can tell you this because I live in the community and
2 I'm in touch -- there are several other folks in the
3 community are now thinking, oh, a wonderful thing for
4 me to do, run for the community association, I will
5 get on the board so that I can get access to that
6 money so I can probably do my foundation -- but even
7 if it goes to the Hawaii Foundation.
8 So it's created some kind of issue within
9 the community, this promise of money. It has. I
10 came here to tell you that, plain and simple; people
11 want money for their own foundation, their own pet
12 projects I call them. I understand that.
13 If there's some good that you want to do,
14 it's going to take money and I understand that.
15 That's all good.
16 However, when you circumvent the Community,
17 who I have walked up here and talked to most of my
18 neighbors. And I'm telling you, to a person, most of
19 them say we don't want any more. You're not
20 respecting the host community, although you can hear
21 one from a previous generation that worked in the
22 plantation. When we first -- I'll give some dirty
23 history -- I hate to do this. Well, maybe I better
24 not. I better save that.
25 Question: 70 percent renewable energy by

1 2015 -- 2030 -- 2015 -- how many wind mills would
2 that translate into? Of the amount of megawatts this
3 island uses, how many wind turbines does that
4 translate into? I know it's got to be more than 400.
5 MR. CUTBIRTH: So, Kent, you know, I think
6 it's actually 40 percent of electricity from
7 renewable generation, and that's the thing that would
8 drive what the number of mill projects are.
9 And it's, you know, it kind of depends on
10 what happens in the future because you probably know
11 there are off island projects that are proposed for
12 the cable to Oahu.
13 But I would tell you just from the couple of
14 years that we have looked at wind sites on Oahu --
15 MR. KONOMOANA: How many turbines does that
16 translate into? Again, I don't need a real long
17 answer. I don't want to be disrespectful to you,
18 Mike.
19 MR. CUTBIRTH: But it's not feasible --
20 MR. KONOMOANA: Out of concern for her
21 typing fingers -- how many does it -- if you don't
22 know, just say you don't know.
23 MR. CUTBIRTH: Well, I can't tell you off
24 the top of my head.
25 MR. KONOMOANA: It's going to be more than

1 MR. KONOMOANA: It's going to be more than
2 this island can handle.
3 MR. CUTBIRTH: You're not going to get all
4 wind turbines to satisfy the requirement. That is
5 going to be a combination of technologies, and it may
6 be a combination of off-island projects as well.
7 But you're not going to get 40 percent of
8 electricity generated from Oahu from wind turbines on
9 Oahu, it's just not feasible. There are not enough
10 wind sites that are viable to do that.
11 MR. KONOMOANA: When you first came to Maui,
12 they were responsible enough to build a road high
13 mountain on -- I think it was over -- First Wind. I
14 am not on their side either too much.
15 When they built that road, it cost
16 $8 million was the number that was told to me.
17 One of their project managers mentioned to
18 me that they learned a lesson to not build so far up.
19 We've got Kahuku right next to the main highway.
20 Now, we have you coming in here, want to surround us
21 on the other two sides. We have our sunsets, our
22 napooana o ka la, and now our sunrises are going to
23 be the same thing.
24 These huge industrial turbines that we have
25 to look at -- are you willing to give up your sunrise

house, 20 questions? What is the closest turbine to your house? That's a good question.

MR. CUTBIRTH: Where I live, there aren't any turbines.

MR. KONOMOANA: Why not?

MR. CUTBIRTH: Well, there are a number of reasons for that. But it's not really a viable wind area.

MR. KONOMOANA: As mentioned before, turbines may be appropriate some places, but they're not here. We have had enough of them already, somebody else needs to step up.

What is the acceptable -- you do realize that you guys are going to be upwind from our community -- upwind versus downwind. I can hear the ones that are almost a mile away from my house and they're downwind.

I understand Mr. Primacio's reasons for wanting to support this plan, they're not going to impact him.

He's one of the folks that may have -- but it's not going to impact him as much as it is other people like myself.

MR. CUTBIRTH: I can tell you that one of the issues that was raised, I think, in our first

1 the issues that was raised, I think, in our first
2 community meeting at the KCA Board meeting in May was
3 noise. And since that meeting, we did noise studies.
4 And first of all, the State has a noise
5 ordinance, and we comply with that ordinance. The
6 studies we completed, and that will be supplemented
7 in the Environmental Impact Study, show that the
8 people that live in the subdivision you're referring
9 to down here are going to have noise levels of
10 45 decibels, which is a quiet residential
11 neighborhood.
12 What that translates to me is you won't hear
13 the wind turbines. And that's based on studies we
14 have done to indicate that.
15 MR. KONOMOANA: We can already hear the ones
16 that are farther away and downwind, you're going to
17 tell me, after I can hear you the ones that are
18 closer and upwind, that just does not compute, no
19 matter what you say.
20 MR. CUTBIRTH: I would be happy to share the
21 study with you.
22 MR. KONOMOANA: If you're telling me that
23 you can't hear them, I'm telling you you're wrong.
24 If you come up with the decibel levels of 40 or 60 or
25 whatever is acceptable with the state, then I can

1 bringing up hustle and bustle of Waikiki and putting
2 it out here in Kahuko.
3 MR. CUTBIRTH: Forty-five decibels is a
4 quiet residential street, an area. It's no different
5 than if you're out in your community and you will
6 hear the wind blow, you will hear the palm trees
7 sway. But you're not going to hear --
8 MR. KONOMOANA: But the monies that are
9 being promised to the community by your firm,
10 $10,000 per turbine, that will be -- well, first it
11 was $180,000 because you were proposing 18. Now, you
12 changed, you're down-sizing to 15, so now it's down
13 to $150,000 for the community's benefit.
14 Somehow -- how are you going to get that
15 money to someone like me? How is that going to
16 benefit me? Not that I want to be benefited from
17 this, but how would it benefit the average everyday
18 Kahuko citizen?
19 MR. CUTBIRTH: So, I would tell you that
20 first of all, this proposal to provide a community
21 benefit fund of $10,000 per turbine per year over the
22 life of the project was Keith Avery's proposal. And
23 our company is honoring that proposal. And I would
24 tell you that --
25 MR. KONOMOANA: You're picking and choosing

1 which one you want to honor. Again, that's the same
2 point that we had the last time. You put up all the
3 nice stuff but you're not honoring the main one that
4 he will not -- and you guys will respect the
5 Community's desire to say we have these here already,
6 we're doing our share for the rest of the island --
7 go somewhere else, respectfully.
8 MR. CUTBIRTH: Well, Kent, I think I
9 answered your question before, and Keith's version of
10 the story is very different from yours. I wasn't
11 there.
12 MR. KONOMOANA: That's what they call a
13 fed-up man.
14 MR. CUTBIRTH: But I would say that from our
15 standpoint, this is a unique idea. We've never had a
16 Community benefit fund in any project we developed in
17 the 18 years I have been in this business. And to
18 us, we really look at it as giving back to the
19 Community.
20 And frankly, we appreciate the community
21 considering hosting this project here. I would tell
22 you that I really enjoyed meeting some of the folks
23 here in this Community, and many of whom I would feel
24 like I could have them over for dinner.
25 It's been a really terrific experience from

1 my standpoint. And there's been a lot of very good
2 ideas on how that community fund should be
3 administered and what the priorities ought to be.
4 This is something that we don't want to try
5 and tell the Community how to administer it or what
6 the priorities are. But we've heard everything from
7 assistance with special projects that the community
8 needs done to support of the schools -- again,
9 everything from special projects for the schools,
10 vocational training, jobs training, support for the
11 high school's booster club, support for some of the
12 new facilities planned at the high school.
13 We even had a comment from one person that
14 maybe this should just be a direct rebate to the
15 Community that would act kind of like a rebate on the
16 electricity cost. All of these are very good ideas,
17 but we're not the party that should try and set the
18 priorities for this Community. The Community knows
19 better than we do what the needs are.
20 MR. KONOMOANA: A couple more questions real
21 quick. And I apologize for asking this.
22 Did you not yourself, Keith Avery and
23 myself, the three of us, have lunch one day at out at
24 Turtle Bay discussing this matter?
25 MR. CUTBIRTH: Discussing the project?

1 MR. CUTBIRTH: Discussing the project?
2 MR. KONOMOANA: Yes.
3 MR. CUTBIRTH: Yes.
4 MR. KONOMOANA: We did. We did have lunch.
5 MR. CUTBIRTH: We did.
6 MR. KONOMOANA: I had a hot sandwich.
7 During that lunch, was it not mentioned -- you can
8 confirm or deny, that's up to you -- Keith Avery and
9 yourself mentioned to me that there was an
10 opportunity for me to be part of this money fund that
11 would actually be a booster club for Kahuku High
12 School Raiders, which I support with all my -- every
13 atom of my body -- if I would be agreeable to the
14 project?
15 Now, you can confirm or deny that. That I
16 was there.
17 MR. CUTBIRTH: I would absolutely disagree
18 with that statement.
19 MR. KONOMOANA: Did you not mention our
20 football team, our football program and all that?
21 I am just laying it out there and being honest --
22 MR. CUTBIRTH: Absolutely, I did. Let me
23 just explain. That's not our idea.
24 MR. KONOMOANA: That was your idea at the
25 time.

1 MR. CUTBIRTH: That was one of the local
2 Community leader's idea to help support the booster
3 club. And this is a good example of why we shouldn't
4 be the ones to try and set the priorities for the
5 Community.
6 Because when I first started working in this
7 area two years ago, I thought, well, maybe what would
8 be good was to provide scholarships at the high
9 school or computers at the high school. But, you
10 know, a lot of the feedback that I've heard from
11 folks here in town is that the high school needs
12 support. But one of the things that's really
13 important to the Community is the athletic teams.
14 MR. KONOMOANA: There's no argument from me
15 that we need support with our high school. I agree
16 with Mr. Primacio regarding that issue and other
17 community members in Kahuku who would like to have
18 some support. But I personally don't want hand-outs.
19 But what I'm referring to is we need the assistance,
20 yes.
21 Now, wouldn't it behoove the community and
22 you, and these guys, and the James Campbell, whatever
23 else, to simply invest the money that you would be
24 giving to the Community, instead put that in a road
25 and put it farther up? Because one of them is going

1 to cost you less, and that's buying the Community
2 off, than building a road.
3 And I take issue with that, especially when
4 they have a huge area right up there where these 12
5 First Wind -- when they came in, I told Ray, if
6 you're going to put 12 -- Ray Westin from First Wind
7 for anybody who's taking notes -- I said, if you're
8 going to put 12 and take the view from us over here,
9 you might as well keep going up that ridge because
10 then they're there already. Now you can have free
11 license to knock yourselves out.
12 Because the Federal Government -- which
13 you guys -- some of you folks in this room work for,
14 are really not interested in partnering with the
15 maka ainana. We're commoners, we're working class.
16 It makes more sense to me to take this
17 project and put it somewhere else and you can give
18 some other community the same amount of money that
19 you're promising Kahuku if you can find somebody else
20 to take it. I'm wondering if there's -- that is the
21 end of the discussion.
22 MS. LEILANI PULMANO: Is there anybody else
23 that has any questions for Mike?
24 MR. PRIMACIO: I would like to rebut that.
25 MR. KONOMOANA: We are going to have

1 rebuttals. I am going to ask to be rebutted and
2 rebutted.
3 MR. PRIMACIO: I will say some more. A lot
4 of the discussion is on why we want the wind farm
5 here. And it's obvious that some people don't want
6 the wind farm here.
7 But, you know, the saying, the saying is I
8 support the wind energy process, but don't put in it
9 my back yard, put it someplace else. We have the
10 ability because we've got the wind. Thanks to God's
11 blessing, Kahuku has the wind energy to provide that
12 kind of resources.
13 When those wind mills at First Wind stops, I
14 am the first one to make noise and I call Carol.
15 Calling Carol, hey, what's happening to the wind
16 farm, why the turbines are not turning?
17 The thrust -- the more it turns, the better
18 the state would be in wind energy and reduce the
19 purchasing of oil.
20 So, you know, I have 46 grandchildren and
21 52 great-grandchildren. And somehow, someway, it's
22 my responsibility to help them better themselves when
23 they grow up in this Community. They want to stay in
24 this Community.
25 My five sons are all in Seattle. And I've

1 got a couple in Guam and a couple in Texas.
2 But that's not going to the point, we don't
3 want to leave here. We want to share -- when
4 Kahuku -- when the plantation closed we had no fire
5 station, we had no police station, we had no
6 elementary school. All of that was put together by
7 our community with the help of Campbell Estate, who
8 was the land owner then, the City and County of
9 Honolulu, we made them help us. We made them help
10 us.
11 MR. CUTBIRTH: Okay, thank you.
12 MR. PRIMACIO: Turtle Bay has been
13 supportive to this community. Christmas,
14 Thanksgiving, just to name a few, the Kahuku School
15 and Athletic program. So, you know, we need to have
16 more institute built in this community that can help
17 us.
18 If we depend entirely on low-income housing,
19 we're not going to be able to survive in this
20 Community. So we depend a lot on the surrounding
21 businesses that prevails in this Community. And I
22 can see that this is one of them.
23 First Wind has been favorable in
24 contributing to this Community, which I appreciate
25 and I'm quite sure everyone -- even Kent appreciates

1 that.

2 But, you know, that's not the end to it.

3 We've got to help each other out here. And

4 nobody should tell us what's good for our back yard.

5 We supported the First Wind because we supported wind

6 energy.

7 Other communities said, no, we support wind

8 energy but not in my back yard. Kahuku was the first

9 that said, we support them and we'll put them in our

10 back yard. Now, what's wrong with 15 more, which is

11 the maximum they can put up out here. And we need

12 them wind mills to survive in this Community.

13 And that's where I'm coming from. Now I ask

14 you, yourself, where are the people in this, where

15 are the people from this Community? Why are they not

16 here? Why are they not here? They're frustrated,

17 they're disgusted. They feel that government going

18 to let them down, which they have.

19 The best thing we did in this Community is

20 build our elderly housing.

21 Our elderly housing is built with a subsidy

22 from HUD. And that's why we get good people living

23 there today. And I hope we can continue on that way.

24 Thank you.

25 MR. REED: The question is, with this

1 effect on the community, whether people can't sleep
2 at night or if somebody is injured from something,
3 will you guys be willing to take more down and move
4 them?
5 What would it take? Put this up, who knows
6 what it is going to do. But there are adverse
7 reactions like there are other communities that have
8 these near, that have adverse reaction. And there
9 are people writing about it all the time.
10 Wind turbines, we don't want this stuff. We
11 experience that here. We have people coming down,
12 take them down? What's it going to take, people
13 dying or sick people or --
14 MR. CUTBIRTH: Well, I can tell you that the
15 first company I joined in the wind industry has
16 projects that have been operating for more than 30
17 years. There are currently over 225,000 wind
18 turbines across our globe in 70 countries.
19 And I'm not aware of one instance where
20 anyone has been injured or has gotten sick as a
21 result of being around a wind turbine.
22 I can tell you that there are more than a
23 dozen independent scientific reports that have been
24 done to address that very subject. And just to
25 correct the comment that Kent made earlier, I've

1 never been involved in any of those studies as the
2 chair or a contributor or anything else.
3 But as a part of the Environmental Impact
4 Statement that will be prepared for this project,
5 those issues are issues that will be addressed. So I
6 can tell you that the issue of wind turbine syndrome,
7 the issue of noise, the issue of shadow figure, all
8 of those issues will be addressed. And those will be
9 important components to ultimately what gets approved
10 or not for this project.
11 MR. REED: Is it an option to move them
12 farther back for you guys? Is that option there?
13 MR. CUTBIRTH: I would tell you what, you
14 know, two of the biggest constraints for wind is
15 finding a windy site and finding a site with
16 transmission. And we've looked at a lot of sites out
17 on the North Shore, around the point.
18 And behind this project, proposed site area,
19 is primarily government land. And the problem is,
20 we're not going to be able to develop anything on
21 that land. I think the bulk of that is for training
22 and other purposes, but it's just not a viable option
23 to develop on U.S. Government land.
24 MR. REED: Why in Hawaii? I mean,
25 government is only there?

1 MR. CUTBIRTH: Well, I believe they use the
2 area for training, helicopter training and other
3 uses.
4 MS. LEILANI PULMANO: Does anybody have any
5 other questions? Okay, thanks.
6 MR. TABLIN: I have just got a couple of
7 questions for you. You say you have been in business
8 for over 30 years?
9 MR. CUTBIRTH: What I said was the company
10 that I first joined in the wind industry has projects
11 that have been operating for 30 years.
12 MR. TABLIN: You said that nobody ever got
13 hurt on those studies?
14 MR. CUTBIRTH: I am not personally aware of
15 any member of the public ever being hurt with a wind
16 project. Now, I would say that there is maintenance
17 that's done on them and I'm sure there has been
18 accidents that have occurred when people that climb
19 the towers and service the machines.
20 But in terms of a member of the public, I am
21 not aware of any member of the public being hurt.
22 MR. TABLIN: Have you ever lived in
23 California before?
24 MR. CUTBIRTH: I'm sorry?
25 MR. TABLIN: Have you ever lived in

1 California before?

2 MR. CUTBIRTH: In California, yes. I'm from

3 California.

4 MR. TABLIN: Okay. I lived in California

5 for about 18 years, come back here now.

6 In California, when you drive up the coast,

7 see the coast highway or going to Malibu, Hollywood,

8 and Beverly hills, all the way down to close to the

9 end of the bay where you're going to -- all those

10 areas along the coast -- you don't see no wind mill.

11 The only place I saw a wind mill over there

12 is in Bakersville, and that's up in the mountains.

13 When we drive along the highway, nobody live around.

14 So that's why nobody got hurt. I mean, from

15 my experience from what I see, you know, they don't

16 put wind mills in these neighborhoods for a reason.

17 They put it up in the mountains or independent land.

18 That's my point, you know, what I saw. I

19 lived in California, that's why I notice it. And now

20 you guys are putting a wind mill right there near

21 people's house over there -- that's not right.

22 You know, there's a reason why they're not

23 putting them in Malibu, they're not putting Beverly

24 Hills. They have got hills up there, plenty of

25 winds. I worked in Kahala, Hawaii Kai, there is

1 plenty of wind coming through there, I don't know why
2 it's not there.
3 MR. CUTBIRTH: Well, I think I can address
4 that, because the company I joined when I first got
5 into the industry actually was one of first companies
6 to develop projects in some of those areas. And
7 there's three main wind areas of California,
8 Tehachapi is one, Palm Springs is the other, and
9 there's an area up near the Bay Area also.
10 And the reason projects were developed there
11 was because the winds was really good and there was
12 transmission capacity.
13 MR. TABLIN: I don't see no wind mill; I
14 mean, that is wind -- I understand your point about
15 the wind but they're not putting right behind
16 people's back yard either.
17 MR. CUTBIRTH: Well, I would say that in
18 projects throughout the United States, wind turbines
19 operate on farms and on ranches. I can tell you that
20 the County of Honolulu has adopted set-back
21 requirements for wind turbines. And the set-back
22 requirements that we have, or the actual setbacks
23 we've proposed here are per those requirements.
24 So, you know --
25 MR. TABLIN: They are not to me, like a scam

1 act.

2 MR. MARVIS: My name is Scott Marvis. I had

3 a question on the design of these wind mills.

4 Are they designed for a specific wind? And

5 what kind of a procedures do they do if there's a

6 pending hurricane?

7 MR. CUTBIRTH: So wind turbines are designed

8 to withstand hurricane strength winds, and it's part

9 of the engineering process that manufacturers go

10 through. I am not an engineer, but I can tell you

11 that the machines are engineered to withstand

12 hurricane winds. And they go through a certification

13 and testing process, a very thorough process.

14 And they have engineering design and

15 construction standards. But again, that's not really

16 my area of expertise.

17 MR. MARVIS: The hurricanes seem to be

18 getting worse or stronger winds. So that's going to

19 cause them to destruct?

20 MR. CUTBIRTH: You know, again, I don't know

21 what the wind design is on them, but I can tell you

22 that all of the engineering that I'm familiar with,

23 they design them for certain maximum winds. And then

24 there's a safety factor built in above that as well.

25 MR. MARVIS: Thank you.

1 MS. LEILANI PULMANO: Anybody else, any more
2 questions? We are going to be around.
3 MR. KONOMOANA: I have got a question, just
4 a small one, rebuttal to a comment that he just made.
5 He was asked the question about if he's aware of
6 anyone getting sick.
7 If you read -- had you been on the internet
8 researching your own technology, probably get a
9 different perspective. Because if you do go on the
10 internet, which is a wonderful tool to provide
11 unbiased information and to do some research, you
12 mentioned that you were not on the body when actually
13 your bio is on your web site says you were.
14 I read it. I read. I study before I open
15 my mouth.
16 You mentioned that no one got sick. Well, I
17 have to argue with you on that point. Because when
18 you're being impacted by low impulse sounds that you
19 can't hear yourself -- sound which these blades have
20 been proven to generate -- that there is some
21 negative impact on people's sleeping patterns -- on
22 whether they're getting quality good night's sleep
23 which can in turn manifest itself in your health.
24 Which is actually -- I don't know -- I don't even
25 want to argue that point.

1 So I think that you're being disingenuous
2 with the audience and with our Community by not
3 acknowledging the fact that, yes, there have been
4 some reports of negative impacts on communities where
5 the wind turbines are placed in close proximity to
6 someone's residence.
7 And you can't really say no, it doesn't,
8 because I've seen the videos myself. I've looked at
9 people, I've heard their testimony on line.
10 Farmers who have lost their farms because
11 they had to move. Not because they didn't own the
12 land anymore, but they got tired of dealing with the
13 impacts as well as the wind developers.
14 The East Coast is where most of the problems
15 are occurring as far as proximity and certain
16 agricultural areas where they are placing them on
17 farms. The West Coast seems to be doing it smarter
18 by putting it away from communities.
19 Now, if we emulate what the West Coast is
20 doing, then we may not have so much opposition within
21 the Community.
22 The question then is, are you aware of the
23 other side's opinions and have you done any
24 fact-finding of your own besides just being fed from
25 one source?

1 It's important to have a diverse amount of
2 information to come up with a proposal that's going
3 to impact supporters and opposers to this particular
4 project. And we're asking, like we did before, is to
5 move them back away from the Community.
6 Then you can -- then the noise will more
7 than likely go away. But I am stubborn and
8 motivated. And I'm telling you, I don't have the
9 resources that you do. But I am going to fight for
10 this Community, which I believe the Community --
11 because I have walked my Community and talked to most
12 I can -- I am not going to go into it.
13 I run into a few here and there who think
14 this is a good thing. It is a good thing. But, like
15 I mentioned to someone else earlier, if I have a rose
16 growing out of my ear, it's a beautiful rose but it's
17 in the wrong place. Let's take it out and put it
18 where it belongs. Would you consider that again?
19 I am going to ask it public like I did
20 with -- the first time -- will you consider honoring
21 the representation that Mr. Avery made to this
22 community; that if the community says we don't want
23 it, then you'll pack up your bags and put it where
24 Mr. Avery was living for a point, which was in
25 Waialula.

1 Waialula.

2 MR. CUTBIRTH: Well, I think I've already

3 responded to that same question earlier.

4 MR. KONOMOANA: Can I get it in writing?

5 MRS. BROWN: And I would tell you too

6 that -- want to say something -- because I don't

7 this, do I have time?

8 MR. CUTBIRTH: Sure.

9 MRS. BROWN: You know, I'm like him, I live

10 under -- my name is Mrs. Brown. I live underneath

11 those turbines, right underneath.

12 And I've been studying, and there's so many

13 lawsuits like this one, Massachusetts. And I mean,

14 do you guys consider us underneath the turbines with

15 these health issues like from these residents? Do

16 you guys run lawsuits?

17 I'm just asking because I live underneath

18 them. They're ugly. Every time I come in I hate it,

19 like I'm looking at some kind of alien. They're

20 ugly, quite ugly.

21 I call them research. There is a lot of

22 companies suing everywhere. You guys responsible?

23 Because you don't live here, but I do, I live

24 underneath. I look up, it's right there.

25 So do you guys consider people like us when

1 thing, take it somewhere else like Latoo said, take
2 it somewhere where there's no one. Why Kahuko?
3 MR. CUTBIRTH: Because of the transmission
4 available, wind source.
5 MRS. BROWN: Because we need to sign
6 something that if we ever sick, cancer, everything.
7 Of course you guys would blame cancer for that. But,
8 do you guys want to like sign something, you're
9 liable? And if it happens to us underneath those
10 ugly --
11 MR. CUTBIRTH: Well, as I mentioned, the
12 whole issue of wind turbine syndrome or turbines
13 making people sick is something that's been studied
14 extensively. And that's something that will be
15 looked at again in the Environmental Impact
16 Statement.
17 And I actually think the setbacks we have,
18 they're a multiple of the county's requirements. And
19 I have not seen anything so far on any studies we've
20 done that makes me think anyone will be harmed by
21 this proposed project.
22 MRS. BROWN: Damn, you're like the governor,
23 useless.
24 MR. CUTBIRTH: Name, please?
25 MR. FONOIMOANA: My name is Kurt Fonoimoana.

1 I am not the talker. He can talk, my friend. But I
2 am the one that actually -- I just wanted to see your
3 face.
4 Health wise, is it going to affect my
5 grand-kids? Listen, is it going to affect my
6 grand-kids?
7 MR. CUTBIRTH: I don't believe so.
8 MR. FONOIMOANA: You don't believe so? I
9 would like to know. I'm putting a face so I know who
10 to go after.
11 MR. CUTBIRTH: I don't believe so.
12 MR. FONOIMOANA: You don't believe so? You
13 don't know?
14 MR. CUTBIRTH: From everything --
15 MR. FONOIMOANA: I want to know.
16 MR. CUTBIRTH: -- everything I've read --
17 MR. FONOIMOANA: I don't believe? I would
18 like to know.
19 MR. CUTBIRTH: From decades of experience in
20 the industry, I don't think there's any health --
21 negative health impacts and will not be from --
22 MR. FONOIMOANA: Just remember, I'm old
23 school. My kids not for sale, my grand-kids.
24 MR. CUTBIRTH: Nor mine.
25 MR. FONOIMOANA: But you just gave them a

1 MR. FONOIMOANA: But you just gave them a
2 price of what you're going to give to our community.
3 I finally thought of an intelligent
4 question. Should this project move forward as it's
5 planned to, as you're planning and hoping to, should
6 the project move forward, and you will install your
7 15 more turbines, are you going to be putting some
8 funds into an escrow account like they do other
9 projects across the United States, into a fund for
10 anyone in Kahuku who owns a home who says, "I don't
11 want to live here anymore, I am going to sell my
12 home."
13 Are you guys going to be putting money into
14 an escrow account that's going to cover the cost of
15 that person's home when they can't sell it because no
16 one else wants to live around a wind turbine? And
17 these are what other companies across the United
18 States have been doing, is putting money into an
19 escrow account, not the total value of 400 houses,
20 there are up there because that's roughly
21 200 million, all of that is a good place to start for
22 me.
23 But that's a little unfair. We'll say it's
24 a percentage, five percent or whatever. Are you guys
25 going to be ponying up? Because my girlfriend and I

1 have been talking about this, we don't want to live
2 around here, that's how adamant I am about it, is
3 that we're going to have to move because you're
4 moving in.
5 So, since you're moving in we've got to move
6 out because we object to the close proximity of these
7 machines. Are you -- I am thinking of the name of
8 the company -- I was going to call it Champlin -- I
9 know you were with the ones that made these up
10 here -- what is the name of that company?
11 MR. CUTBIRTH: Clipper Wind Power.
12 MR. FONOIMOANA: Clipper, I know it started
13 with a "C." Is Champlin going to be putting money
14 into an escrow account to cover however many people
15 say we're moving. Because that's what other
16 companies are doing and that is the responsible thing
17 to do.
18 If you can't sell your house within "X"
19 amount of time in these other projects and your house
20 doesn't sell, the company that came in has to buy it,
21 has to pay for it. And I suggest that you put some
22 homework to that and think about it. Because that
23 money will tell you everybody in Kahuku they are
24 going to be buying their houses pretty soon. Let's
25 put them all for sale.

1 the system out -- but the short question is, are you
2 going to be putting money into an escrow account to
3 cover the folks who are impacted to a point where
4 they choose to move and you guys will buy that person
5 out basically?
6 MR. CUTBIRTH: And none of the companies
7 I've ever been with have done that.
8 MR. FONOIMOANA: You haven't been reading
9 the internet like I have. And if it's all false
10 information, if that's what you're telling me, that
11 all the companies that you know about -- well, that
12 could be two or three for all I know. Is that true?
13 That's true? I do think that -- I think
14 that that falls --
15 MR. CUTBIRTH: I haven't heard of that in
16 all the years I have been in the industry.
17 MS. LEILANI PULMANO: Does anybody else have
18 any questions or comments?
19 MR. WASSON: Oh, I came in late but my name
20 is Harry Wasson. I would like to know if you guys
21 have plenty house sites, like other places. That's
22 where you guys like to build them winds mills and
23 stuff. Today plenty cultural sites, stay there. You
24 guys want to address that about the sanctity of those
25 sites? Or about plans, plans -- plans --

1 MR. CUTBIRTH: So part of the EIS will cover
2 archeological cultural sites -- archeological is not
3 like dating people who know the place, not like from
4 an academic standing. We're talking about people who
5 actually take plants from the mountain, medicine,
6 plants for their burials or, you know, traditional
7 like caves and stuff like that.
8 We've done an initial archeological and
9 cultural survey and found no artifacts of interest.
10 There will be additional studies done.
11 MR. WASSON: I worked on the coconut tree
12 area and the farm cultural effects. And they said
13 the first time they ever found anything up there. I
14 never found sites.
15 Then they said, they are only going to limit
16 them to this immediate area, they're not going to
17 include the native plants which is up there or the --
18 up there they have bats, Hawaiian bats in that area,
19 it comes down to the bridge sanctuary in the
20 summertime.
21 Are you guys addressing that too?
22 MR. CUTBIRTH: Bats are one of the species
23 that will be studied as a part of the habitat
24 conservation plan and that's something that we do in
25 conjunction with the State and Federal agencies. So

1 those will be evaluated.

2 MR. WASSON: But that still don't address

3 the part of the Hawaiians is the one that's the main

4 agreement for this stuff, not archaeologists and

5 Federal agencies because they are not -- Hawaiian

6 plants and Hawaiian cultural places and plants and

7 animals up there.

8 So I don't know you're talking about

9 archaeologists -- I worked with them -- they only

10 know the academia part. When I tell them about the

11 history of the plants they say, oh, we don't know

12 that. I am the Hawaiian practitioner, cultural

13 monitor. You guys only do the paperwork.

14 So, you guys not -- you guys not interested

15 in doing Hawaiian stuff because that area get plenty

16 of plants. You guys asking for plenty of trouble

17 because right next to you guys going to be the -- we

18 tired of looking at these stupid turbines. The

19 better they burn the better -- and was how many

20 times -- about four times.

21 It was crazy. But, I can see this stuff

22 within -- it's not going to benefit us -- you're

23 going to make money. You guys take off, we're stuck

24 looking at the thing.

25 The frequency from turbines is the stuff

1 that caused the syndrome, that people getting sick.
2 So you guys should just beat it. We don't
3 need this kind of stuff. If you guys need more
4 power, turn off -- you know -- turn off till you save
5 some, save money. Don't need to build this stuff
6 that it's not for -- you guys going to make this
7 place look more ugly.
8 The trees going to get down on that side,
9 the first ridge or whatever, then you're going to get
10 this one. Then that's going to be right around
11 Kailua Town and right next to Hawaii Kai -- don't get
12 that, whatever, development stuff.
13 It's way ugly. People don't like coming
14 here and see those ugly wind mills. Like both you
15 guys can shove it up your ass.
16 MRS. REED: My name is Suzanne Reed. I
17 know you said you haven't heard of any deaths. But
18 the Forbes Magazine published that there were 14
19 deaths in England in 2011 from incidences of wind
20 power.
21 Like I said, I am not sure whether those
22 were just maintenance workers or the people living
23 around. But there were also other instances, I
24 believe it was Pocatello and San Diego where the
25 blade had fallen off and it weighs about 100 tons.

1 blade had fallen off and it weighs about 100 tons.
2 It was near homes when it was discovered. And I
3 think they tried to cover it up.
4 But that same company had also -- it was
5 Simons I believe, they have been having other issues,
6 apparently. And it also happened again in Idaho.
7 So I mean, it's not unheard of that these
8 blades fall off. And this one in particular
9 apparently had fallen off in winds that night that
10 averaged 19 to 20 miles an hour. Now, according to
11 the article these, well -- the winds that we sustain
12 here from Hurricane Iniki -- I am not sure what the
13 miles per hour of was -- but that would be a
14 concern.
15 SPEAKER: 234 miles an hour sustained wind
16 on Kauai.
17 MRS. REED: When they had checked the blades
18 on these wind mills it was -- I believe they said all
19 75 blades had to be replaced on 25 of their turbines.
20 So that was -- just wanted to give you
21 thought about that it does occur.
22 MS. LEILANI PULMANO: Well, we will be
23 around if anybody else has any more questions to ask.
24 We really appreciate you guys coming out and taking
25 the time and providing us with some comments and some

1 Aaron, did you want to say any closing
2 remarks?
3 MR. NADIG: Again, the public comment period
4 is open till December 5 for those that feel
5 uncomfortable speaking, there's an opportunity to do
6 it from your e-mail. And they have graphic cards for
7 contact information; that is address and e-mail
8 address and we'll address all comments in our
9 documentation.
10 Thank you for coming.
11 (The Public Hearing was concluded at
12 7:49 p.m.)
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1

2 C E R T I F I C A T E

3

4 I, KATHRYN PLIZGA, do hereby

5 certify that the proceedings are contained fully and

6 accurately in the notes taken by me during the

7 hearing of the foregoing cause, to the best of my

8 ability, and that this copy is a correct transcript

9 of the same.

10

11

12 Kathryn Plizga

13 Kathryn Plizga,
Certified Shorthand Reporter

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HEPA PUBLIC SCOPING MEETING

NA PUA MAKANI WIND PROJECT

(SCOPING COMMENTS PORTION)

PLACE: Kahuku Community Center
56-576 Kamehameha Highway
Kahuku, Hawaii
DATE: January 10, 2014
TIME: 6:30 p.m.

Reported by:
Kathryn Plizga, RPR
Hawaii CSR No. 497

APPEARANCES:

Leland Chang, Mediator/Facilitator

Ned Busch, Mediator
Mediation Center of the Pacific
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Amy Rosenthal
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(6:35 P.M.)

P R O C E E D I N G S

MR. CUTBIRTH: Good evening. My name is Mike Cutbirth, I am the manager of Champlin Wind, and we're the sponsor of the proposed Na Pua Makani Wind Project.

I want to thank you all for coming tonight to the HEPA scoping meeting. And I would like to introduce Leland Chang, our moderator, for the meeting.

13 MR. CHANG: Thanks, Mike.

14 Good evening. Aloha, welcome.

15 I know that this is the start of the weekend

16 for everybody, so we're really appreciative that you

17 took the time to come out and join us tonight. As

18 Mike said, it's my pleasure to be serving as your

19 facilitator this evening.

20 It is my job to sort of pass through the

21 agenda for tonight and to encourage you to

22 participate; and also to sort of manage the time and

23 flow of this discussion so that everybody that wants

24 to make a contribution has a chance to do that.

25 It's also a very important part of our role

1 today to stay completely neutral. I'm not taking any

2 stand on the proposed plans one way or the other. In

3 fact, in 30 years of marriage, I've lost a lot of

4 arguments with my wife because I refuse to take a

5 position on things.

6 So I am very comfortable serving in this

7 neutral role. I have been doing this for about 28

8 years. That includes eight years as the executive

9 director of what was then called the Neighborhood

10 Justice Center in Honolulu. They have since changed

11 their name to the Mediation Center of the Pacific.

12 And as a mediator, I've done a lot of

13 divorce cases; and things get a little heated there.

14 So I learned to sort of -- to be comfortable with

15 that level of conflict.

16 On the community liaison facilitator side, I

17 have been able to work on a number of projects
18 including the Hawaii Community Foundation and the
19 Convention Center, the State Hospital, Sandy Creek,
20 and more recently the Hawaii 2050 Sustainability
21 Plan, and working with all of the consulting and
22 conciliative parties that work on the historic
23 ramifications of the rail project.
24 I've also led community groups that have
25 developed waste water management plans, both for your

1 neighbors on the North Shore as well as Maui County.
2 So I'm very glad to be here with you. And
3 again, I thank you for being here.
4 The agenda tonight here is very straight
5 forward. First of all, I wanted to mention -- you
6 heard from Mike Cutbirth -- but we also have folks
7 from Munekiyo & Hiraga, community relations for this
8 project as well as Tetra Tech, Brita Woeck, who later
9 will be doing one of these presentations.
10 Based on our agenda, again, it's very
11 straight forward. I'm sorry, I must apologize.
12 Hopefully, you've signed in. And there are comment
13 sheets there that you can submit comments either at
14 the end of the meeting or submit it some time after
15 the meeting.
16 And the EIS spoken portion of this meeting
17 is -- because it's a formal part of the EIS
18 process -- we have a court reporter, Kathy, who is a
19 certified court reporter, who will be recording that

20 portion.
21 So, we will be turning over the session to
22 Mike and to Brita for two presentations, very brief
23 presentations; mike, on the proposed wind energy
24 project and Brita on the EIS process and the EIS time
25 line.

1 And then we'll sort of open things up for
2 the formal scoping portion where we will be inviting
3 you to tell us what you think should be studied as
4 part of the EIS process. For example, those studies
5 are always planned to handle things like
6 environmental impacts, noise impacts, effects on
7 endangered species, traffic and those kinds -- and
8 health impacts.
9 So we will be looking to you to tell us in
10 greater detail and greater depth what kind of things
11 are really important that should be covered as part
12 of the EIS evaluation.
13 Following the scoping comments, we will take
14 a quick break and then we'll reconvene, and we'll
15 open things up for sort of more general discussion
16 and Q and A.
17 Then we'll talk a little bit about next
18 steps and we'll set it off with our final aloha. So
19 that we can have as productive a discussion as
20 possible, we do have a few simple ground rules that
21 we would like to ask people to "kokua."
22 Throughout the evening, Ned Busch is going
23 to be coordinating all of your comments on this pad

24 here. So if he doesn't quite capture something that
25 you told us, be sure to point that out, and he will

1 make the appropriate comment. Ned is a trained and
2 experienced mediator with the Mediation Center of the
3 Pacific and I've worked with him before.
4 A summary of Ned's notes are also going to
5 be posted on Champlin Wind's web site.
6 Let's see. We would like to, as much as
7 possible, have only one person speaking at a time so
8 everybody can hear what's being said. And it also
9 allows me as a facilitator to try to keep better
10 track of what's going on.
11 I will recognize you by bringing this
12 microphone over to you. When I do that, please
13 introduce yourself and then proceed with your
14 comments.
15 I would like to share the speaking time. So
16 if you can try to be concise and to the point. And
17 I'll call on the people that haven't taken a turn yet
18 before I return to folks who have already had a
19 chance to speak.
20 And lastly, this is not really a ground
21 rule, it's more just kind of a request. I realize
22 that projects like this -- and this project in
23 particular, you know, may engender some strong
24 opinions and strong feelings, and people have really
25 big questions about this project. And that's fine,

we can't capture all that.

I am just going to ask people to respect the process, respect each other and, you know, treat each other with aloha.

All right.

With that, I guess I'll turn things over to Mike and then Brita. Thank you.

MR. CUTBIRTH: Thank you, Leland.

So why are we here proposing the wind project? The state of Hawaii has passed two laws that require 70 percent clean energy and 40 percent electricity from renewable sources. Those laws are the Clean Energy Initiative and the Renewable Portfolio Standard.

The state has a goal to reduce the cost of electricity to its rate payers and to achieve energy and independence. Currently, Hawaii imports four billion dollars of oil from foreign countries. Wind generates clean renewable energy at about half the cost of burning oil.

So the project is being proposed up to 45 megawatts in size located approximately adjacent to the existing Kahuku wind project. The first phase is planned for approximately 24 megawatts. The second phase, up to another 21 megawatts.

Currently, the Phase I project is the only project that is pending approval with the State

Public Utility Commission. The Phase II project is not something that would be built concurrently. And because of additional transmission upgrades that HECO would be required to make, would be expected to be built several years after the first phase of the project.

The project is proposed to be built on both state land managed by the DLNR and also private land. Additional infrastructure will include a permanent (inaudible) tower, access roads, assembly, (inaudible) during construction; and transmission and collector lines as well as a potential substation and maintenance building.

This is the current layout of the project, the Phase I project, which is the only project pending before the PUC at this point. You'll notice that there's eight turbines proposed.

We have also shown white and black circles around each proposed turbine location. Those are setback areas that are required by county code. And we've also shown the setbacks, proposed setbacks, from key points of the community, both residential areas as well as the high school and elementary

school.

This is a layout that includes both the Phase I and the Phase II project, also with setbacks shown.

Part of the permitting process will include

the preparation of a Habitat Conservation Plan, and this really addresses potential (inaudible)of endangered species. And those species are listed up here.

So I would like to introduce Brita Woeck from Tetra Tech to continue the presentation.

Thank you, Mike.

MS. WOECK: Hi, everybody. My name is Brita Woeck. I see a lot of familiar faces from last night.

So I just want to talk you through -- some of you kind of already heard this -- sort of the process we are going through now for the environmental analysis. I work for Tetra Tech. And so we have been asked to do the environmental analysis for the wind project and prepare an Environmental Impact Statement.

So the reason we're here tonight is we are sort of starting the official State Environmental Review Period. So when we say scoping, we're

basically scoping out the issues and things that you're concerned about or want to see us address in our analysis.

So I know that many of you were at a similar scoping meeting that was held in November. That one was hosted by the Fish and Wildlife Service. As Mike mentioned, the project needs a Habitat Conservation Plan, so that triggers the Federal review. For tonight, we're talking about the State review, which

is triggered by a portion of the project being on state land.

So back in November, the State process and the Federal process weren't quite aligned yet. So just to meet our State requirements, we have to hold a second scoping meeting.

So tonight, the purpose of the meeting, as Leland said, is to basically get comments and feedback from you that will help inform how we put that Environmental Analysis together.

So we strongly encourage you to provide comments on like the scope of the analysis, if you have ideas on alternatives or just other concerns that you haven't voiced already, this is the time to do that, and that's going to go right into that public record.

So many of you saw this slide last night. This kind of depicts the State and the Federal process. We're up here at Scoping, and so we have -- you know, we have to kind of wait until that Environmental Analysis is completed. The yellow box here indicates where we're going to have an opportunity to provide input. So part of that is now we're in scoping. But once the draft Environmental Impact Statement is released, that is another great opportunity for you to provide feedback.

You can review the document, review all the different studies in the analysis, and then we'll

13 have another set of meetings where you can come and
14 you can ask us questions about the specific studies
15 themselves.
16 Based on meetings that we've had so far, the
17 Federal Scoping meeting as well as other community
18 meetings, here are some of the issues that we know
19 that your community wants to have us evaluate. And
20 so when we prepare that draft EIS, look for those
21 issues because those will be addressed in there.
22 So, as I mentioned, the next step in this
23 process is once the scoping period ends, which is
24 January 22, you know, we take your comments and your
25 feedback, put our environmental analysis together,

1 then we'll hold another set of meetings.
2 We will give you a chance to ask some
3 questions about the specific studies.
4 So in talking about (inaudible) comments, I
5 know many of you have already made some comments.
6 You know, Leland said you can make them tonight via
7 the microphone. If you're not comfortable doing
8 that, please grab a blue piece of paper out there.
9 It outlines all the options you have.
10 You can submit via e-mail, via fax, letter,
11 you can hand deliver a letter to our office in
12 Honolulu, whatever works best. If you know somebody
13 that wasn't able to make it any of these meetings,
14 please share that, have them send an e-mail comment
15 in. That's a great way to have your feedback
16 (inaudible). We are at the (inaudible) process right

now --

MR. KENT FONOIMOANA: Excuse me. Where is your e-mail address? Is it on this piece of paper?

MS. WOECK: It's actually still going to --

MR. KENT FONOIMOANA: Still the Fish and Wildlife Service?

MS. WOECK: It is actually -- I'll just clarify -- so we have these two scoping meetings. But after tonight, everything is going to be sort of

like a parallel process.

So one EIS, one -- you know, our next set of comment periods will be one set of meetings -- so yeah -- that e-mail address is something that the Fish and Wildlife Service put together.

And they're taking comments on all aspects of the project. So that's a significant question.

MR. CHANG: Thank you, Brita. All right. So, this is the official formal scoping portion of the agenda.

And again, as Brita mentioned a few times previously -- hold on a second -- we're asking that you focus your comments on issues that you believe should be studied as part of the EIS.

So if you can try to frame these comments during this portion, you know, in terms of this EIS study, look at these types of impacts and study these issues, study these types of alternatives. That is the kind of thing that we are looking for in this

portion.

The other "Questions and Comments" if you could hold until the agenda and -- that portion -- that would be great.

Yes, sir.

MR. CURTIS: You're merging documents or

having them go with parallel (inaudible)?

MS. WOECK: Just one document.

MR. CURTIS: So who is the accepting agency?

MS. WOECK: For the state, it's DLR. And then on the Federal side, it's the Fish and Wildlife Service.

MR. CURTIS: So two accepting agencies for one document?

MS. WOECK: One document, yes.

* * * * *

MR. CHANG: All right, Scoping comments. I will bring the microphone to you, just let me know.

So if you just introduce yourself for the benefit of Kathy, our court reporter, and then provide your comments.

MS. MOORE: Verla Moore, Koolauloa Neighborhood Board.

I think I heard in your comment that you said between Phases I and II that HECO may have to do some type of upgrading before you proceed with II, I believe that's what I heard.

My question is because -- I think I'm focusing from the impact on solar -- is what type of

upgrades are they planning to do during that phase? And how will that affect this overall process?

MR. CHANG: Okay, so the types of upgrades that will be -- that HECO will be required -- one of the things that is to be studied in greater depth as part of the EIS.

MS. MILLER: Kela Miller, Koolauloa Neighborhood Board.

Just wanted to ask, why are the wind mills so close to the community and the school, and what is the benefit part of it for the community?

What kind of benefit does the Community get?

MR. CHANG: So one thing that you're -- you want to study -- is the types of impacts of having the turbines located where they are relative to the schools?

MS. MILLER: (Nodding head)

MR. CHANG: And also question -- I'm not sure if EIS is studying about the community benefits package.

But you want to know what the package will look like?

MS. MILLER: Yes, sir.

MR. KENT FONOIMOANA: One of many more, probably.

I would like to know that when you folks do the study on the value that should be assigned to the

loss of our business and the impact that it has of the industrializing to our rural community by surrounding them on three sides by what you can term as asset or what I can term a liability. But it could be an asset in the right spot. And I would like to know if you guys can put a financial number as well as a social and economic and psychological evaluation of the entire community, on how that impacts the Community.

MR. CHANG: So the economic and -- what I'm hearing -- so the non-tangible impacts or losses that might accrue to public --

MR. KENT FONOIMOANA: They're fairly tangible from what I look at.

MR. CHANG: You mentioned psychological -- or losses --

MR. KENT FONOIMOANA: Just us being enclosed and surrounded by wind mills.

MR. CHANG: Hopefully everybody signed in so we can get the spellings of their names. Thank you.

MR. MAKAIAU: Ralph Makaiau, and I have three comments.

I am going to piggy-back on the regulation -- and I know that you have a foyer of regulation of a safe buffer zone. From our

experience, there is a quote of the safe buffer zone for agriculture zoned lands, but not necessarily

residentially zoned lands.

So as a Community, we have been participating in regulations that has changed for land zoning, that included residential zoning. That's point number one.

The second impact that I'm concerned about is that for this area, particularly the sub-district one, when an industrial alternative energy comes in, they fulfill -- as I understand it -- they fulfill the HECO quota of alternative energy, which competes with the residential quorum of alternative energy. So, being a part of quote/unquote sub-district one, we learned that exercise from First Wind's project.

Now we're in this, and about to be a second industrial wind project. And this resident has less of a chance to apply for alternative energy benefits from the overall regional program for sub-issues on the program. So, to me that's a significant impact, okay? Especially when they haven't charged me less.

My third concern is that we have, for the area of sub-district one, we have on an ongoing basis studied our quality as a result of alternative energy. Particularly industrial wind turbines.

And as we understand it, they can fluctuate and fluctuate significantly. Therefore, we would like to at least understand that with some reasonable confidence that we -- that this output can control or show us quality -- yet you're going to defend the

outcome by saying -- oh, we're going on HECO's grid; therefore, it's their responsibility in cost cutting -- not fair.

Because if you guys come with lower voltage to us, our toasters burn out prematurely. If you guys come out with significant variance in a frequency and sign wave, our T.V. burns out prematurely. And poor John Q. Public doesn't understand any of this. And my wall-mounted T.V. blows up.

So it's a matter of the impact of the life cycle from my investigation, is what I'm speaking of. So I think they belong in that consideration in the environmental impact.

MR. CHANG: Thank you, Ralph.

So, the quality of the power and the impact of possible fluctuations, the impacts of this project on opportunities for residents to, you know, initiate their own clarifications like he did. And then the first one was agriculture versus --

MR. MAKAIAU: State buffer zone. We are aware of regulations within agricultural zoning area, we are not aware of any safe buffer regulation at the point of the residential zoning.

Recognizing that the windmill planning be built in an agricultural zone, but it doesn't necessarily help the values in this origination.

MR. CHANG: Thank you, Ralph.

All right. Who else hasn't had a chance to

comment?

Your name, sir?

MR. BROWN: My name is Harry Brown, Kahuku Community member. Mine is a simple one. I'm not sure what the health and safety impacts are. And in terms of the power generated by the windmill, how does it affect (inaudible) directly or indirectly to those within our vicinity -- and danger to the plants -- the electrical power to make that -- plus the safety issue in case of a storm, a hurricane speed.

What is going to happen to those blades, where are they going to go? How strong can it stand the power of the winds? What is the rating on that, that kind of thing?

MR. CHANG: Thank you, Harry.

So all the potential defects or part defects possibly of -- in terms of the health and safety type of project.

Anybody else who hasn't had a chance to talk yet, want to take over here?

Thank you.

MS. PONDER: I am Aliitasi Ponder. I have a number of questions and comments, but I'll just start with wanting to understand why there wasn't -- or if there was a location considered that was farther away from the community, and why was it chosen -- why was this particular location chosen? Why take on the

13 health and danger factors involved with being this
14 close?
15 MR. CHANG: Thank you, I didn't quite get
16 the first --
17 MS. PONDER: Allitasi.
18 MR. CHANG: So the concern is, were other
19 alternatives considered for a site --
20 MS. PONDER: Farther away.
21 MR. CHANG: -- farther away, were they
22 considered?
23 MS. PONDER: And why were they not
24 considered if they were considered.
25 Anybody else? Yes, sir.

1 MR. BROWN: If this project is -- what do I
2 want to say -- a Phase I, whatever the maximum
3 generation is 45 megawatts, what is the anticipated
4 overall production on a day-to-day basis.
5 Secondly, what is the cost that's going to
6 be passed on to consumers versus other forms of
7 electricity? That is my question.
8 MR. CHANG: Okay, so cost that get passed
9 through to consumers directly as a function of this
10 project?
11 MR. BROWN: Yes.
12 MR. CHANG: And also, are you talking
13 about --
14 MR. BROWN: Cost of electricity generated.
15 Will it have any impacts on rates?
16 MR. CHANG: Rates.

MR. BROWN: And then also the --

MR. CHANG: The anticipated --

MR. BROWN: -- the anticipated average production. Because it will be something less than 45 megawatts, right?

MR. CHANG: I am not sure.

Yes, sir.

MR. HUBBELL: My name is Carl Hubbell, and I just wanted to know, First Wind is up, are they using

all the power that's being output? And if not, where is it being held to?

So, if they're not using it or if they're using it, what kind of impact by not using it, where they're dumping it. And with them putting out 45 megawatts is HECO -- I mean, these are all statistics of what kind of having included in this impact. Because if HECO is not a hundred percent going to use the power, and big business is just coming in because of financial gain.

The impact that it has, it's on site obviously, on the 18, looking at the windmill on Kahuku Golf Course, which we play all the time. So that's an impact, you know, looking at them, they're unsightly. And they're not even using all -- that's just hearsay. I mean, that's just people saying. So, why am I dealing with this if they're only using 25 percent of what they're putting out.

It's hearsay. But that doesn't make sense.

20 So if you're -- I want statistics written in it -- if
21 First Wind is not using all their power and you're
22 going to tap into the power over here, and HECO is
23 now going to pass on the cost, obviously, if they
24 have to upgrade.
25 They are not going to feel it, we're going

1 to feel it. And then it impacts us obviously. So I
2 want that in the impact statement.
3 Like if they're obligated to use it first,
4 you understand what I mean? Because why have it
5 there if they're not going to use it, and why do we
6 have to put up with it if they're not going to use it
7 all.
8 MR. CHANG: So will the power -- will all
9 power generated as a result of this project and
10 what's already on tap --
11 MR. HUBBELL: Existing, yeah.
12 MR. CHANG: Will it all be utilized?
13 You also mentioned impacts on rates to the
14 consumer --
15 MR. HUBBELL: Excuse me?
16 MR. CHANG: You mentioned about the impact
17 of all this on your rates --
18 MS. ROSENTHAL: Well, visual -- there was a
19 visual impact too.
20 MR. HUBBELL: There's obviously a visual
21 impact.
22 And, yes, rates. The Hawaiian card, yes,
23 it's bad enough.

24 MR. CHANG: Rates as in --

25 MR. HUBBELL: People.

1 MR. CHANG: Yes, sir?

2 MR. CURTIS: Henry Curtis, Life of the Land.

3 What percentage of the community would have

4 to oppose the project for the developer to leave?

5 MR. CHANG: Is that something that -- say

6 you want sort of looked at in the EIS?

7 MR. CURTIS: Sure.

8 MR. CHANG: How would you phrase that so

9 that it's something that they study?

10 MR. CURTIS: Some developers say if a

11 community opposes us, we'll leave, and we'll work

12 with the community and try to reach a common

13 understanding. But if they say no, we'll leave.

14 Other developers say we're here no matter what. I'm

15 curious what this developer thinks and how they have

16 handled other projects where there has been

17 opposition.

18 MR. CHANG: Okay. But is there a suggestion

19 then that this study should examine sort of the level

20 of community support or lack of support?

21 MR. CURTIS: No, it should answer the

22 question of the developer, whether the developer

23 would leave at some point if there were a sizeable

24 opposition they could not overcome.

25 MR. CHANG: Okay, thank you.

Verla, you've had a chance. Anybody not have a chance yet? And then there are one or two others who wanted to comment.

MS. VASA TAVALII: What I would like to know is -- I'm Vasa Tavalii -- what I would like to know is the direct impact financially on the community. How does the community benefit in any way, shape or form? And what is your data to support this? This is your immediate community in this room.

MR. CHANG: Thank you.

Make sure that if you haven't already signed in, that you sign in so we get all the names correct.

Anybody else not have a chance? You've had a chance so we are going to go to -- anybody else?

MR. KENT FONOIMOANA: My girlfriend -- ladies first.

MS. ALLITASI PONDER: What other instances have they -- has this developer placed a project of this magnitude this close to a community, this close to a school? And what has been the resulting reaction from that community?

MR. CHANG: So precedence in terms of the effects of proximity of projects like this to like schools and houses and so on and so forth?

MS. MOORE: Just a feedback onto -- he was asking what would make the developer stop the

project. What impact indicators with the environmental study would actually stop this project?

MR. CHANG: Thank you. Kent?

MR. KENT FONOIMOANA: I'm going to piggy-back on what Mr. Curtis mentioned. What is it going to take for the amount of opposition within a community to stop a project? I'm going to speak from a historical perspective, but there's going to be a question in here --

MR. CHANG: Perfect, perfect.

MR. KENT FONOIMOANA: -- as short as I can.

I am a former member of the Kahuku Community Association, current member again as of this month.

It is my understanding from dealing with the previous predecessor -- which I am going to consider them one and the same company because evidently the state is doing the same thing by transferring the lease to this gentleman here -- and so back in 2006 when they first came -- and I've got a copy of it -- actually I forgot it at home but I can provide a copy to everyone if they want -- the developer first came and said that if the community doesn't want this project, we won't build it.

In response to that, down the line in 2010, while the gentleman sitting behind me was leading -- was the president of the Kahuku Community Association -- we did come out with a statement and a position on wind mills. We said no more wind mills

be installed in Kahuku -- installed.

However, another gentleman on the Board has continued to open the door to Mike and other companies to try to install wind mills in this input.

We have generated several petitions from several points of view -- it's my way of polling the community -- one of them was asking for a three-quarter mile set-back, and one of them was saying none at all. And I can tell you, the "none at all" is easy to get signatures.

I have a hundred and something signatures in here that took me less than an hour and a half to get by walking and talking. So the opposition is there.

So Mike -- or anyone else listening to this EIS -- as a matter of fact, I am going to make a comment on that picture right there -- Habitat Conservation Plan -- and I'll make the same statement, we need to do a Habitat Conservation Plan that applies to human beings.

Are you going to provide us that?

Also, before this EIS process moves forward, the Community needs to be provided with a 360-degree virtual images of what this project will look like.

Also, this project needs to do a study on what may happen to a community that's surrounded on three sides by these large industrial wind turbines should an Iniki-type hurricane event strike this area. It is good for wind, it's even better in a hurricane. And I am quite concerned about large

debris flying through the air.

There is a reason why they place the turbines so far apart. It's to avoid the domino effect should one of them fail and take out another wind turbine. Yet they don't have -- the same distance doesn't apply to a residential community -- and I would like to know why.

MR. CHANG: You're going beyond my ability to summarize. But the things I picked up on were impacts on not only creatures, but also the human creature in determining habitat, and also the impact in terms of a natural disaster like a hurricane.

Did I miss anything else?

MR. KENT FONOIMOANA: You got it.

MR. CHANG: Thank you.

MS. MILLER: Just one more thing, is what

kind of impact would this have on -- we understand that it will affect the rest of the communities like Laie, Hauula, Pupukea -- what kind of impact is it going to have.

And on the cultural side, what about all of the native plants, the animals that we have, the Kahoalawe, you know, things like this that it's up there?

What has taken place to see that that doesn't get harmed? So that's one of my questions. Thank you.

MR. CHANG: So I think -- when I saw you

first and then come back to Henry.

MR. CURTIS: My understanding was that when Keith Avery was involved in the project, there was reached an understanding that if the community didn't want it, the developer would leave.

When the new developer acquired the rights from Keith Avery and from others, did those conditions go with it or not? And if not, why not?

MR. CHANG: Okay, is that something again that EIS normally would assess?

MR. BROWN: That is something that the developer may decide whether or not to stick it in the EIS. And the community may or may not decide to

call up DLNR and say why is it not there? So I would think the developer would want to stick it in the EIS. Thank you.

MR. CHANG: Thank you, Harry.

MS. MILLER: This is an expansion of my earlier comment on the health and on the plants effects as well as what Kela said on the -- mine is what kind of impact would it have as well on the cultural side, on the native Hawaiian -- on the native Hawaiian's ability to exercise their gathering rights if need be, to give up to areas where it is, and pick up those native plants or plants that are -- (inaudible) Or whatever -- cultural.

MR. CHANG: To study the impact on traditional cultural practices. This is great, you guys are doing fantastic. They are getting lots of

17 stuff that they know they are going to need to work
18 on.
19 Anybody else not have a chance yet?
20 If not, Ralph, did you have --
21 MR. MAKAIAU: Ralph Makaiau. Again, when we
22 had the fire up at First Winds, it was very --
23 obviously everybody responded to the environmental
24 impact of that disaster, if you will.
25 But, in following the process of Department

1 of Health, and the monitoring that the First Wind
2 people did, they hired (inaudible) and contractors as
3 such.
4 One data that we did not see -- we saw all
5 of the proof measurements, downstream measurements of
6 the wind, and we saw all of the data represented in
7 the ground contamination.
8 But at the time of the fire, as the fire
9 department was trying to at least control the
10 perimeter burn, nobody was able to give us
11 information on the downstream impact of Pahipahialua
12 Stream and (inaudible) Stream, both of which cross
13 agricultural areas, both of which settle a
14 preservation lands wildlife. And it was interesting
15 for us that DLH didn't even think about it. And they
16 are updating just the mere reporting from the
17 contractor. That wasn't comfortable with me either.
18 MR. CHANG: Okay, so see if I understand.
19 So, the EIS -- you would like the EIs to look at the

need for environmental data in case of things like the First Wind fire if something goes wrong with the infrastructure?

MR. MAKAIAU: Why don't they establish a baseline like that (inaudible) stream or even the adjacent farm water run-off path. Establish a

baseline so that when they come back in an emergency, we know if there's any impacts.

MR. CHANG: Thank you for helping me out on that.

Who did I miss over here?

MS. PONDER: The notes that are coming out of this meeting, will they be -- will we be provided a copy of those notes, all of our questions, our collective questions? Are you taking these notes in order to also share the result of this meeting with -- the contents of this meetings with us? That's one question.

Another question, the past fires that we experienced here from First Wind resulted in a lot of the awareness that we were under-equipped in terms of our fire department capabilities, our emergency response capabilities.

What additional resources will you be providing or be required by the city in order to respond?

MR. KENT FONOIMOANA: What is the developer's share?

MS. PONDER: Right. What will the developer

be providing, and then what will be left over for someone to provide in order to adequately meet those

emergencies?

That's the second question.

I forgot my third question. I'll come back.

MR. CHANG: So the suggestion is to study the need for additional emergency responses as a result of these projects.

MS. PONDER: The first one was about the notes.

MR. CHANG: The notes, yes.

As I understand it, the scoping notes get summarized, get posted on this project web site. Am I correct that the recording here goes -- becomes part of the document or --

MS. WOECK: It will be part of -- the transcripts from this meeting and from the NEPA meeting that was in November will be part of a scoping report, which will be an appendix of the EIS -- draft EIS -- and we can also discuss posting them on the Champlin web site once they're available. But they will definitely be in the draft EIS.

MS. PONDER: When is that?

MS. WOECK: Mid year -- this year, mid year.

MR. CHANG: Does anyone else have a comment that begins with study this, we want you to study this?

Thank you.

MS. BORGES: My name is Ghia. And I just wanted to touch on the other fact of acquiring access rights and gathering rights. I think it's important also to look at the effect of the native Hawaiians as a people and their cultural aspects since -- if we are not able to -- if we are to be surrounded by these wind mills, if we're not able to access it. Because once the wind mills are up, it would be developed land.

And native Hawaiians have access rights to under-developed land and land that is not fully developed so --

MR. CHANG: Got that? The impact of developing this particular parcel on native Hawaiians' gathering rights.

MR. BROWN: You said to us as personal study this, but before I want to ask that for anybody asks, I wanted to know how are you guys study this? I mean, are you actually on land or you just look on the screen or how are you guys really study this project? I mean, are you actually walking up there and check the land or --

MR. CHANG: Maybe we can respond to that in the general portion. Yeah, great question.

Anyone else? Study this. Evaluate that?

Kent, you got one?

MR. KENT FONOIMOANA: I got plenty of stuff.

MR. CHANG: You got one that you can share right now?

MR. KENT FONOIMOANA: I got about four or five.

I would like them to study the impacts on the near shore waters, they will be installing roads up there. Roads will create more run-off. I would also like you to study the community sentiment involved in -- through that in your report.

I would like you to study the impacts of infrasound. Low sub-sonic sounds caused by wind turbines moving at 159 or 80 miles an hour at the wind turbine tips and blades and the effect on infrasound on critters as well as human beings.

MR. CHANG: Thanks, Kent. Anyone else?

Going once --

MS. MILLER: What we need to study the people of the areas, the communities, study the people, what are their needs? What are some of the things that we need? I think that's one of the things you guys should consider to do.

MR. CHANG: Human and social impacts.

MS. PONDER: And to reply to what my third question was, I would like to know how well the developer knows our community in terms of demographic break-down.

How many youngsters, kapuna, people who are

health challenged, have they taken those things into consideration. And we would like them to take those things into consideration.

I would like to understand the individuals and the groups that they have approached and motivated through offers of support.

I know they approached Kent and he was quick to turn them down. So I would like to know who else in our community, on our board, our immediate community, outside of our community, is being incentivicized in any way; current support, offers of future support, anyone that they have approached, I think that should be public knowledge.

MR. CHANG: Anyone else?

MS. MOORE: I want a study comparison -- we have a lot of wind mills, I think -- I've seen there is -- it's great because it's wide-spread, and up and down this coast line we have a variety of wind mills.

So I would like a study and comparison on the wind mills per square miles, the output it does

and compare it to something at this site. If you were to consider this all one project, and you took another project of this same scope including all these -- what is the output -- are we producing more than what this island needs?

Are we storing -- I mean -- there's got to be a limit as to when enough is too much. So I want a study and comparison to something -- comparison of this side from Waimea down to this side.

Is that the function of the ESI?

MR. CHANG: All right. Yes?

MR. MAKAIAU: I think this is all in addition to the study Kent had some of the studies on this, on these within the floods, in going to build whatever they want to build, you know, they are going to grade some of the mountainside, or what are they going to do that is going to change what's already there.

It may have a negative impact followed by what nature wants to do. Just in the case, I don't want any negative impacts on the land in addition to questions that Kent mentioned about erosion and run-off.

MR. CHANG: Okay. Anything else?

All right, can we take like five minutes and

then we will come back and then we will open things up and we can talk some more with Brita, with Michael a little bit more. Five minutes.

(HEPA Public Meeting Scoping Comments concluded at 7:25 p.m.)

C E R T I F I C A T E

STATE OF HAWAII)
CITY AND COUNTY OF HONOLULU)

I, KATHRYN PLIZGA, RPR, CSR NO. 497, State of Hawaii, hereby certify:

That the proceedings herein were by me taken down in machine shorthand and thereafter reduced to print via computer-aided transcription; that the foregoing represents, to the best of my ability, a complete and accurate transcription of said proceeding.

DATED: Honolulu, Hawaii, _____

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19 KATHRYN PLIZGA

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1 HEPA PUBLIC SCOPING MEETING

2

3 NA PUA MAKANI WIND PROJECT

4

5 (QUESTION AND ANSWER PORTION)

6

7

8

9 PLACE: Kahuku Community Center

10 56-576 Kamehameha Highway

11 Kahuku, Hawaii

12 DATE: January 10, 2014

13 TIME: 7:35 p.m.

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Reported by:
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(7:35 p.m.)

P R O C E E D I N G S

MR. CHANG: Okay, so for the next 30 minutes or so, you know, it's a chance for you folks to ask questions that you might have, the right people here in terms of Mike and Brita. They'll do their best to respond. If they can't, at the very least, they will encourage you -- they'll take it back and they'll consider it further.

So who would like to go first? Does anybody have a question?

Okay, Carl?

MR. HUBBELL: Carl Hubbell. I have a question for Mike.

MR. CUTBIRTH: Yes, sir.

MR. HUBBELL: So you're going to saturate the system and we're not going to be able to put in our own solar panels if you go up first. Is that a true statement?

MR. CUTBIRTH: So, I don't think that's a true statement. And I asked the folks at HECO transmission about this question.

And the existing wind projects and our proposed project connects to the high voltage

distribution line, the 46 kv main. Rooftop solar connects to the residential feeder lines, the low

voltage residential feeder lines. So, the issue of capacity on the distribution lines is really a separate issue for how much rooftop solar can be built.

This is something that I've asked HECO if they could address this issue to the community because I understand it's an important issue. And they indicated they are going to work on putting together a statement. And potentially we could organize a meeting with someone from HECO to better address that question.

MR. HUBBELL: Will that happen on Wednesday?

MR. CUTBIRTH: I don't know that that could be done unless we -- the Wednesday meeting is really oriented for its health impacts of wind turbines.

One of the issues that we've heard from the Community is a concern about health impacts. And there's going to be a presentation on what the research and data and reports have shown.

MR. CHANG: Okay. Thank you, Carl.

MR. HUBBELL: One more question. When we contacted the representative, he said that HECO would be able to answer those questions. Isn't he supposed

to be hosting this meeting along with you guys?

MR. CUTBIRTH: Well, he may have a representative from HECO here, but I haven't talked to him directly about that, so I don't know.

MR. CHANG: The question is noted. Next

question.
MR. HUBBELL: I thought that was the purpose.
MR. RIVIERE: Thanks, my name is Gil Riviere.
Is this a 20-year project and then you take them down at the end of 20 years or what happens when it's done? Will you restore the ground and what happens then?
MR. CUTBIRTH: So, the project will have a 20-year power contract. So we would expect the project to go for at least 20 years. If there's no further agreements to purchase power, then our obligations would be to restore the land to the condition that it was in before the project was built.
MR. RIVIERE: Does that include removing the entire concrete pads?
MR. KENT FONOIMOANA: No, they take up the top three feet. I'm just answering.

MR. CUTBIRTH: I mean, my understanding is we remove the improvements that we put in there.
MR. KENT FONOIMOANA: Except for the top three feet of the concrete when you pass, which your engineers shared with me.
MR. CHANG: Yes, ma'am.
MS. MILLER: Mike, Kela Miller.
What kind of impact do you see happening on not only Kahuku but on Laie, Pupukea, you know

further on down the coast line? What kind of impact do you see it would have on the rest of the communities?

MR. CUTBIRTH: Well, I think the most obvious impact is just the visual impact. The Environmental Impact Statement that will be prepared will address all of the impacts of the project. And to me, that's the most obvious, is that you could see the turbines once they're up.

MS. MILLER: Who needs to be able to see it?

MR. CHANG: I guess the EIS -- if that's what is suggested -- needs to look at the impacts on either side of the Leeward communities.

Kent, question?

MR. KENT FONOIMOANA: Question. If everyone between Kahuku and Pupukea or Waialua installed solar

panels on their homes, everyone, and took advantage of the tax credits being available for them, would that impact your tax credits negatively?

MR. CUTBIRTH: No.

MR. KENT FONOIMOANA: And would this project still be feasible?

MR. CUTBIRTH: Yes.

MR. KENT FONOIMOANA: We need to have HECO here to answer that question honestly.

MS. MOORE: I am going to ask the question that was asked last night over and over, and they waited for you to come before them.

What would it take for you to stop this project should the people decide they overwhelmingly don't want it? Are you willing to give this up? And at what point would you determine that it is still no go?

MR. CUTBIRTH: Well, our company has made a commitment to Hawaiian Electric and the state to build a renewable project here, and to generate power at about half the cost of burning oil.

Any decision to not honor those commitments that we've made is something that would have to be from our management. So I don't have any specific criteria that I can give you for that.

I think what we really would like to do though is to work with the Community to make sure that we address the issues. To the extent that there are issues of concern, that we can address, we would like to try and do that.

And as an example, since we started working with the Community about nine months ago, we have actually modified the proposed plan, the layout of the project, removed four proposed turbines from -- (Cross Hill) -- and relocated one turbine from the adjacent site.

And this really is trying to address the issue and concern about setbacks as well as noise. So that's really our preferred approach. That's typically what we've done on other projects; trying to work with the Community, identify what the issues

are, and actually try and work with them to see if we can get them figured out.

MS. MOORE: Okay.

MR. CURTIS: Henry Curtis. I know from sitting on the Public Utilities Commission Reliability Standards Working Group, that wind fluctuates and that the utility grid has to fluctuate in reverse to offset the impact of wind. And, therefore, the cost to a wind is both the direct cost

at the wind site and also the system costs to adjust, to deal with the winds coming in. And therefore, your component is half the cost of the grid. But what is the other component cost?

MR. CUTBIRTH: Again, that's probably a question better asked to HECO, that's not really something that I could address.

MR. CURTIS: They haven't either.

MR. CHANG: Put that in to them when they come.

Next.

MS. VASA TAVALII: Vasa Tavalii.

I have a question for you. If the approval for this project was given to you by the City, the State, then why are we having this discussion? If you're pushing the project forward with adjustments, with the determination to implement the project -- because the question still hasn't been answered -- what would it take for you to discontinue the

project?

MR. CHANG: Do you recall your prior --

MR. CUTBIRTH: I don't know that I've got anything additional to add other than what I already stated to that question.

MR. CHANG: Okay, so one of the recurrent

themes we're getting is what would it take for this project to basically have it bungled?

MS. VASA TAVALII: Would the land owners keep --

MR. CHANG: Anybody else not have a chance? Hold on.

MR. BROWN: Aloha. I'm looking in your brochure. And it says "How will the Project Benefit Us?" And I'm not seeing us being (inaudible) Community or people of Hawaii. Most likely at this point, here Kahuku. How would it benefit us? As I read some of these things in here, I'm not sure that any of them -- some of them is true -- like will it benefit us by bringing our electricity rate down?

You don't control that. That's HECO and them, they saying to that. So to me I'm kind of thinking it's on here, because it is going to benefit package. And if there is a benefit package to the Community, what are they looking at? What are you talking about? What figures came over, you know, can we talk?

MR. CUTBIRTH: Right. So, with regards to the cost of the electricity, the state has got a goal

24 to reduce the cost of the electricity to rate payers.
25 And this project will cost about half of what burning

1 oil to generate electricity costs. And Hawaiian
2 Electric included in their filings for the state a
3 statement to the effect that by adding this project,
4 it will avoid spending millions of dollars in
5 purchasing oil. So I think they've tried to, at
6 least, put some kind of quantification on this.
7 So, with regards to benefits, I think that
8 you can look at benefits from a number of levels.
9 You can look at it from a state standpoint, the
10 standpoint of trying to reduce the cost of the
11 electricity; of helping to reduce the imports of
12 foreign oil. The State currently spends over
13 four million dollars buying oil from foreign
14 countries. And that's money right out of the economy
15 of Hawaii.
16 Additionally, because a portion of this land
17 is State land, the State would receive revenues, base
18 revenues, for 20 years. Additionally, there are jobs
19 that will be created from the project, short-term
20 construction jobs as well as long-term operations
21 jobs. I believe the First Wind project employs about
22 50 percent locally, and we think we can do at least
23 that well.
24 Additionally, the original developer of this
25 project had proposed to the Community a Community

benefit fund. And that was $10,000 per wind turbine per year over the life of the project. So, if you look at that in terms of the Phase I project, that would be $80,000 over a 20-year life or about $1.6 million. If the second phase project was built, that would be $150,000 per year over the 20-year life or $3 million.

This concept is something that's unique for our company, we have not had a Community Benefit Fund for any of our other projects. But this is something that we propose to honor, a commitment that was made by the prior developer.

So those are a few of what we think are pretty tangible benefits. Thank you.

MR. CHANG: Kent, I know you have a question. Anybody else have a chance to raise a question yet?

MR. REED MATSUURA: My name is Reed Matsuura. Last night there was a question about the agreement that was signed with the windmill project.

My question is, the agreement is between you and the private owner of the property or the City? And if this owner somehow renig on this agreement or whatever, are you still planning -- because this is property -- but I have from my understanding is most

of the property is owned by the private owner -- we not focus on wind mills. So I just want to know if

the agreement was with you, your company, or with the City or -- and then the other part is, does that interfere with you stopping the project? No?

I'm trying to, you know, rephrase the question earlier, that what it takes for you to stop the project. If that's why you cannot stop the project because of the agreement?

MR. CHANG: I guess the essential question is about the ownership of the land. If something happened with that, you know, the agreement with that, would that be enough to, you know, change direction?

MR. CUTBIRTH: So, a portion of the project is planned on State land. And that would be five turbines, and if just the first phase project was built, there would be three additional turbines on the adjacent private land.

The State land agreements are with our company, and it's actually the project company which we own. And likewise, the lease on the private land is a different land owner than our project land.

MR. CHANG: Thank you.

MR. KENT FONOIMOANA: The first question

real quick, are you not the CEO of Champlin Wind Energy?

MR. CUTBIRTH: I am.

MR. KENT FONOIMOANA: So you are part of the management. Should the management make a decision to

stop the project, you are the top.

MR. CUTBIRTH: I report to a board, and I am the CEO. But that board is actually the group that makes major decisions.

MS. PONDER: I would like to know, Mike, your job project history in terms of like what you've done in wind development in the last 10 years; and what projects you oversee of this magnitude or close to this magnitude in that time frame.

That's one question. And then I have another.

MR. CHANG: Track record.

MR. CUTBIRTH: So just kind of a brief history, I got into the wind industry about 18 years ago and joined a company called Zond Corporation. Zond was one of the pioneers in wind energy, they built one of the first projects to sell electricity to Southern California Edison.

While I've been in the wind industry, I've personally been involved in over 750 megawatts of

projects, development projects. And our company management team has been involved with about double that amount.

My role over the years, I've had different hats. When I first got into the industry, my responsibilities were in the area of finance. And over time, took the lead on the development of projects.

I personally have not had any involvement in

the operations and maintenance of the projects.

MS. PONDER: So none here in Hawaii?

MR. CUTBIRTH: While Zond and Enron Wind worked on a number of projects -- and in fact, the original developer of this project was a colleague of mine at Zond and Enron -- and he's been involved in a number of projects that were developed here in Hawaii. This is my first -- personally my first experience in Hawaii.

MS. MOORE: I would like to ask one last question before I have to leave. And this may come as part of a study. You mentioned the Community set this package up at about $10,000 per turbine. I put up a PV system on my home a year ago. It saved me $400 a month. Times that by 12, it's $4,800 just the past year. Two households of HV system would equate

to a benefits package of one turbine.

My question is -- well -- actually my statement is in comparison, if we had 1,000 homes with PV systems on their homes, multiply that by savings of $400, this is a direct savings to the customer, that's a benefits package of $400,000 a year -- a benefit, that's huge. So I think the benefits package pales in comparison. There's never been a comparison study with PV, individual PV versus all these turbines.

I understand people wanting to get off the fossil fuel, I totally understand that. But when you

generate that energy and you redistribute the cost to Oahu to one million customers or whatever we have, I think that's a savings of about one and half cents a year. That's nothing. It's negligible.

So something really has to be addressed. If we're going to pull through with this, there's no turn-around in this project -- if I was the community leader I would up the ante for every single one of those turbines that go up so that it equates to the number of the homes in this Community -- let's start with this Community alone -- that at least $400 go back in their pocket on a monthly basis. To me that's fair.

If we're going to move and there is no point of return, what is fair is to put the savings right in their pockets. And don't tell them we're going to save because HECO is going to save. Because there is no reason for limiting this -- I apologize, but I have to leave.

MR. CHANG: Thank you.

Do you have a comment, Mike?

MR. CUTBIRTH: Well, I would just say the one comment is that rooftop solar and an additional wind project are not mutually exclusive. Additional rooftop solar as well as wind projects and utility sides of solar is part of the energy plan for Hawaii.

So, the fact that individuals want to add solar is not something that -- from what I understand and from what I have been told from HECO -- is that

is going to be impacted by this project.

MS. PONDER: Well, it is, and it's on your site -- it is on HECO's site -- that it is a direct correlation between these wind projects and the number of households that can have it. You will have to address that issue.

MR. CUTBIRTH: We'll try and help facilitate getting someone from HECO to address that because I know this is an important issue to everyone.

MR. CHANG: Thank you. Thank you, Mike.

MS. MILLER: Do we know, since First Wind went up, that there was a decrease in electric bills in any of communities here, the residents?

And do we see in the future, with this other wind mill that's going to go up, that there will definitely be a decrease in electric, in our electric bills?

Is there something that we can truly say, HECO will actually decrease our electric bill? Because we have not seen one bit of decrease -- I don't think so -- anybody have. So that would be something of a concern, that if we do this -- if -- that there will definitely be a decrease in our electric bill.

I know we all pay the price on electric. And so, I think that's a really big concern for all the Community. Thank you guys, so much.

MR. CHANG: Thank you, Ms. Kela.

20 So the question has to do with at what point
21 do people actually see a reduction or lowering of
22 their light bills because of alternative energy.
23 MR. CUTBIRTH: Just a couple of comments. I
24 would just say that this is an important goal for the
25 state. In HECO'S filings with the State, they have

1 indicated that this project will save millions of
2 dollars over time.
3 I realize that it's frustrating to have a
4 renewable project go on line and then not be able to
5 look at your bill and see a reduction. And I think
6 that one of the issues is that the cost of
7 electricity that everyone pays is an average. And
8 there's -- I don't know what the number is -- that
9 1,200 megawatts of total generation on the island.
10 And right now there's just a very small percentage of
11 renewables.
12 As that percentage increases over time to
13 meet the State's laws for renewables, it seems
14 logical that the bills would go down. But I think
15 this is really a better question for HECO to have
16 them actually try and give you an estimate on that.
17 MR. CHANG: I'll take one question. I see
18 two people. Three more, and then we are going to ask
19 Mike to say aloha and mahalo and good night.
20 MR. KENT FONOIMOANA: Three quick rapid-fire
21 questions since my time is short, maybe four.
22 Has the Kahuku Community Association --
23 you're sitting in right now -- have they endorsed

this project?

MR. CUTBIRTH: I don't think that the

association -- the KC Board -- is that what you're referring to?

MR. KENT FONOIMOANA: The association, have they endorsed this project through a general membership meeting or any forum?

MR. CUTBIRTH: You're not referring to the KC Board?

MR. KENT FONOIMOANA: I am.

MR. CUTBIRTH: So I don't believe the Board has endorsed it.

MR. KENT FONOIMOANA: Thank you. That's my first question.

Are you -- because we are short on time I'm just trying to --

MR. CHANG: Thank you, appreciate it.

MR. KENT FONOIMOANA: Are you aware that last night the Kahuku Neighborhood voted down the resolution to increase the amount of setbacks from the current one-time item turbine to the three-quarters of a mile is what this Kahuku Neighborhood Board, which represents the entire community -- are you aware of that?

MR. CUTBIRTH: Yes.

MR. KENT FONOIMOANA: Are you aware that when First Wind proposed to put five more turbines on

the stretch here right before you got -- right across the street from our -- that the Kahuku Community Association in response to Keith Avery, your partner or your prospector as I prefer to call him -- although you don't like that term, that is exactly what he does -- that we, in response to his request to put this other project up here as well as First Wind's which we gave out the -- the Kahuku Association came out with our position saying we don't want any more.

And this is back in 2010. Are you aware of that?

MR. CUTBIRTH: I'm not.

MR. KENT FONOIMOANA: I have a copy for you, I can provide that for you.

MR. CHANG: Next question.

MR. KENT FONOIMOANA: Last question.

In jumping through all these hoops with this EIS process that we're doing right now, the process up at the PUC, you guys filing for a non-competition clause with other vendors, don't you think the first move that you should clear would be the Community?

MR. CUTBIRTH: Kent, well, like I said, we have been -- I think we started talking to the Community about this project more than nine months

ago; had our first meeting in front of the KC Board, I believe that was in May of last year.

So we've actually -- we've started that work -- we know we have more work to do. But we sincerely do want to try and -- as best as we can -- address any issues that the Community has.

MR. KENT FONOIMOANA: Like no?

MR. CURTIS: One of the things that Champlin Wind Holdings is fond of using is reference to the energy agreement of the Hawaii Clean Energy Initiative because it's often quoted but seldom read.

That document says that short-term electric bills will rise and then stabilize. The HCEI agreement says nothing about lowering costs and nothing about -- but that it's always quoted as going down.

It says that when you add wind and you add solar, you have to put in a smart grid, you have to put in batteries, it will raise the price. But since the price of oil is expected to rise also, eventually the wind and the solar will come out less than the oil. But in the short term, it will go up.

MR. CHANG: Thank you, Henry.

So our last question or comment.

MS. PONDER: Okay. The fact that this is

the last question allowed is actually part of my concern. Okay?

The tactic that I see being taken in getting this project shoved up our butts is to keep walking us along toward the Nazi showers as we make

conversation together getting our last questions in. But in actuality, we're being marched along, given very little time.

What you've said is you have been in conversation with this Community for nine months and the conversation has gone like this. You say this is what we want to do. The collective says no. You say this is what we want to do. The collective says no.

So, it's kind of like a kid asking permission but not taking in the information. We don't want this here. Okay?

The only people that I know that are even open to this -- we have been here six generations in Kahuku, my grandfather worked at the sugar mill -- okay, the only people that I know that are open to this are people who we understand have been approached by either you or someone in your group and incenticized in some way, whether it's now or in some future time.

Okay? So I have a real problem with the

tactic of making nice, but not taking in the information, not really giving us the answer, but passing the buck. Passing on the question to people that are not here in this room like HECO or the management, you know. So the same thing that happened to us last night.

Having meetings on Friday nights when you know that is very -- you know -- what do they say in the business? The best time to give out bad news is

on a Friday night.

So, it's not -- you're making it look like you're talking to us -- but you're really not. It's not a two-way conversation.

Okay, I have a question.

How much have you or other projects of this size paid out to those whose medical conditions existing were new, have been impacted by projects like this? I would like to know that. Have you been approached by people in those areas? Have you had to pay out in like projects?

So, I want to know in another project where you are this close to the community -- that's two-part -- and in those communities, how long have they been putting up with the wind turbine, the turbine syndrome as we all know it, is called.

And if they put up with it for one year, the project being there 10 years, during the course of that time what has been the reporting of medical conditions?

How have you collected the information? So that you can't say, oh, no one has reported it because there's no place to report it.

MR. CHANG: Thank you.

So as I understand it, next Wednesday is about the research. Sort of health events.

But the other question is, you know, in your experience, have there been claims brought because

of, you know, health impacts as a function of these projects?

MR. CUTBIRTH: So, I've been with four wind companies over the last 18 years; and I'm not aware of any claims that were paid to anyone claiming to be sick as a result of it.

And with regards to your question about addressing the issues, the focus of the meeting plan next Wednesday is to actually provide the community with the data and research and surveys in a summary form by a Harvard medical physician who is an expert in this area, and give the Community an opportunity to talk to him about this so called wind turbine

syndrome.

MS. PONDER: But not somebody paid for -- just someone who's on their own just coming on their own defense?

MR. CUTBIRTH: I'm not aware of anybody that would come to Hawaii for that purpose on their own nickle.

MS. PONDER: So a disinterested party is coming?

MR. CUTBIRTH: An individual physician that has been involved in this area for years.

MS. PONDER: In other projects?

MR. CUTBIRTH: No, no, in this area of research and health impacts of wind turbines.

MS. PONDER: And who is that person? I would like to know that.

MR. CHANG: Come next Wednesday, you will find out.

MS. PONDER: No, I would like to know the name of that person, so we can be prepared.

MR. CUTBIRTH: Dr. Robert McCunney, M-C-C-U-N-N-E-Y.

MR. CURTIS: Robert what?

MR. CUTBIRTH: McCunney, M-C-C-U-N-N-E-Y.

MR. CHANG: Okay, so just for myself, I want

to say that how appreciative I am of the input you provided and you're a great group to work with. And I am going to just turn this over to Mike, send you off to begin your weekend. So I will say aloha for myself and mahalo.

MR. CUTBIRTH: Thank you so much for attending tonight and all your good questions. We appreciate you coming out.

(The Question and Answer Portion of the Kahuku Scoping Meeting was concluded at 8:12 p.m.)

* * * *

C E R T I F I C A T E

STATE OF HAWAII)
CITY AND COUNTY OF HONOLULU)

I, KATHRYN PLIZGA, RPR, CSR No. 497, State of Hawaii, hereby certify:

That the proceedings herein were by me taken down in machine shorthand and thereafter reduced to print via computer-aided transcription; that the foregoing represents, to the best of my ability, a complete and accurate transcription of said proceeding.

DATED: Honolulu, Hawaii, _____

_____
KATHRYN PLIZGA

24

25

APPENDIX D
PUBLIC COMMENTS AND RESPONSES

Appendix D

This appendix includes each of the submissions received during the HEPA and NEPA scoping periods and associated responses. Each response letter included the following list of Issue Categories and Summary Statements as an attachment which corresponds to the three-letter issue code assigned to each substantive comment within the submission (identified by brackets). A summary statement was developed for each issue code to reflect how it was incorporated in the draft EIS.

Issue Categories and Summary Statements

Comment Acknowledged (ACK) – Comments that were received and noted, including general comments, expressions of opinion, and comments that do not fall within the scope of analysis for this EIS.

Air Quality (AIR) – Comments related to air quality impacts (criteria pollutants), climate change, and emission of greenhouse gases by the Project; comments related to meteorology; comments related to renewable energy standards.

- **AIR 1**: Air quality impacts (criteria pollutants) and greenhouse gases resulting from construction and operation of the Project, and how impacts will be calculated and mitigated.
- **AIR 2**: Impacts to meteorology (at the meso-scale and micro-scale) resulting from the Project.
- **AIR 3**: Impacts related to climate change should be identified and analyzed.

Alternatives (ALT) – References to any alternative that could be evaluated through the NEPA/HEPA process, including comments on the range of alternatives to be considered.

- **ALT 1**: Would like to see alternative energy solutions analyzed, including solar, geothermal, personal photovoltaic systems, and geothermal as part of the alternatives analysis.
- **ALT 2**: An alternate location for the Project should be analyzed (e.g. moving turbines further inland, different location on Oahu) due to the current Project's close proximity to the community and schools.
- **ALT 3**: The alternatives analysis should include a reasonable range of alternatives, and should describe how alternatives were developed and also how they were eliminated from further analysis.

Cultural Resources (CUL) – Concerns over impacts to cultural and archaeological resources; concerns over impacts to Native Hawaiian access to land.

- **CUL 1**: Protection of Native Hawaiian cultural sites and burial grounds, and preservation of culturally-significant lands.
- **CUL 2**: Native Hawaiian land access and gathering rights being restricted as a result of the Project.
- **CUL 3**: Proper consultation is conducted between the USFWS and Native Hawaiian people and mitigation measures are developed for potential impacts to cultural resources.

Data (DAT) – Data that were put forth for inclusion in the EIS, including reference materials and scientific papers that were attached to comment letters and emails.

- **DAT 1**: Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.
- **DAT 2**: Recommended visual simulations of the Project be included in the EIS.

Direct, Indirect, and Cumulative Impacts (DSC) – Comments related to any potential impact of the EIS alternatives that would have direct, indirect, or contribute to cumulative impacts to local communities, fish and wildlife, or the economy; identification of reasonably foreseeable future actions to be considered in the analysis of cumulative effects.

- **DSC 1**: Direct, indirect, and cumulative impacts to public health, visual resources, and socioeconomics for communities nearby.
- **DSC 2**: Direct, indirect, and cumulative impacts to aquatic and terrestrial ecosystems, habitat, native plants, wildlife, bat, and avian species.
- **DSC 3**: The EIS should utilize a clear methodology for analyzing direct, indirect, and cumulative impacts; proposed mitigation measures should be identified and analyzed; and past, present, and future actions should be analyzed as part of the cumulative impact analysis.
- **DSC 4**: Cumulative impacts associated with power generation of the Project when combined with other nearby wind farms, and whether the power being produced is more than is needed.

Environmental Justice (ENJ) – Issues pertaining to compliance with the Executive Order on Environmental Justice; comments related to the evaluation of environmental justice populations.

- **ENJ 1**: The EIS should address any disproportionate adverse impacts to minority and low-income populations, and should reflect coordination with those affected populations.

Public Health and Safety (HAS) – Comments related to potential health and safety-related impacts of the Project, including wind turbine syndrome, noise-caused health effects, blade throw, turbine collapse, shadow flicker, and fire.

- **HAS 1**: Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- **HAS 2**: Safety impacts to community members related to wind turbine mechanical issues, such as blade throw or turbine collapse should be discussed and analyzed.
- **HAS 3**: Fire hazards associated with the Project's construction and operation including facility electrical failure and the identification of appropriate safety measure to address fire preparedness and emergency response.

Natural and Man-Made Hazards (HAZ) – Concerns over how the Project will be impacted by natural disasters; comments related to hazardous materials that are associated with the construction and operation

of the Project.

- **HAZ 1**: The threat of natural disasters, including hurricanes, tsunamis, and earthquakes, and how these events could in turn threaten the health and safety of nearby communities through the collapse of turbine towers or blade throw should be discussed and analyzed.
- **HAZ 2**: Hazardous wastes, chemicals, and pesticides that will be produced or used by the Project, and how they will be stored, disposed of, and managed.

Land Use (LAN) – Concerns about potential changes to existing land uses; comments about current or future land uses; right-of-way issues; military land uses; agriculture.

- **LAN 1**: The existing condition of the land and land uses within the wind farm site.
- **LAN 2**: The status and value of agricultural lands within the wind farm site.
- **LAN 3**: Potential negative impacts to U.S. Army training facilities located adjacent to the wind farm site.
- **LAN 4**: Potential impacts to agriculture and how any impacts may be mitigated.

Mitigation (MIT) – Types of mitigation measures associated with the Project and the HCP for inclusion in the EIS.

- **MIT 1**: Would like to see mitigation measures included in the analysis to reduce impacts to biological resources such as ecosystems, habitat, native plants, wildlife, bird and avian species.
- **MIT 2**: Would like to see mitigation measures and BMPs related to water resources, including water quality, landscape irrigation, and stormwater management.
- **MIT 3**: Would like to see mitigation measures designed to minimize traffic impacts during construction.
- **MIT 4**: Would like to see mitigation measures constructed to use less hazardous materials during construction and operation.
- **MIT 5**: Suggested a specific mitigation measure for inclusion in the impact analysis in the EIS.

Noise (NOI) – Concerns over potential impacts related to noise during construction and operation of the Project.

- **NOI 1**: Noise from the wind turbines associated with construction and operation of the Project impacting sensitive receptors.

Proposed Project (PRO) – Comments related to the Project's purpose and need, or description of the Proposed Action; comments related to potential impacts during construction, operation, or decommissioning; specific criteria related to Project design, such as the number or location of turbines.

- **PRO 1**: The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- **PRO 2**: Power generation – specifically, what the overall capacity and daily production of the Project will be, transmission line upgrades that might be needed, how much electricity will go into the HECO grid, and how much of that electricity will stay in local communities.

- **PRO 3**: Would like to see more detail on the Proposed Action and Project components (in text and represented graphically), including: wind turbine components, specifications, and materials needed for construction of turbines; turbine upgrades (if needed); the locations of turbines, collection lines, and point of interconnection; access road construction and maintenance; plans for turbine operations and maintenance; and plans for decommissioning and site restoration.
- **PRO 4**: Clarification on the purpose and need of the Project, including how the Project would fit into the larger energy market that it would serve.

Recreation and Tourism (REC) – Concerns over impacts to recreation activities, including surfing, hiking, wildlife viewing opportunities; concerns over a potential loss in tourism to the area as a result of the Project.

- **REC 1**: Potential decreases in tourism to the area could occur as a result of the change to the visual landscape from the Project.

Regulatory (REG) – Comments related to the adherence to state and federal laws, including NEPA, HEPA, ESA; coordination with state and federal agencies and local governments; permitting and zoning requirements; compatibility with other adjacent land use plans.

- **REG 1**: Compliance with both the NEPA and HEPA processes for public scoping and outreach, that community members and agencies have been adequately consulted during scoping, and will continue to be consulted with during the entire planning process.
- **REG 2**: The City and County of Honolulu setback distance regarding proximity of wind turbines to residences is insufficient and must be updated to reflect safe distances.
- **REG 3**: The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.
- **REG 4**: Would like to see the development of a scientifically-supportable Habitat Conservation Plan (HCP), and a description of how the HCP will be implemented.

Socioeconomics (SOC) – Concerns over the economic viability of the Project; comments related to job creation and economic development; concern over impacts to local community stability and quality of life; comments about the community benefits package associated with the Project.

- **SOC 1**: Concerned about the details of the community benefits package.
- **SOC 2**: How the Project would affect homeowners' ability to install photovoltaic systems.
- **SOC 3**: Concern that the Project would impact the quality of life for nearby communities.
- **SOC 4**: How would the Project contribute to a savings on the electrical bills of local residents, and how soon once the Project is operational could residents begin to see any potential savings.
- **SOC 5**: Concern that the Project would lower property values and make it harder for homeowners to sell homes that are in close proximity to the turbines.
- **SOC 6**: Short- and long-term socioeconomic impacts to the community resulting from the Project.

Transportation and Traffic (TRA) – Issues identified around potential construction delays or new access roads that could be needed for the Project.

- **TRA 1**: Short- and long-term traffic impacts to the community, and what mitigation measures could be used to decrease impacts during construction.

Vegetation and Wetlands (VEG) – Types, values, functions, and potential disturbances to of wetlands and waters of the U.S. within the wind farm site; comments related to populations of vegetative communities and potential disturbances; concerns over invasive species.

- **VEG 1**: Potential impacts to Native plant communities located within the wind farm site, and how any impacts would be mitigated.
- **VEG 2**: The EIS should include measures to monitor and control invasive plant species and noxious weeds.

Visual Resources (VIS) – Changes to the visual resources within and around the wind farm site.

- **VIS 1**: Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.

Water Resources (WAT) – Comments associated with potential impacts to hydrology, water quality, floodplains, or groundwater.

- **WAT 1**: Water resources impacts including water sources for the Project, sediment run-off, and potential effects to coastal zones should all be analyzed in the EIS.

Wildlife (including Threatened and Endangered Species) (WIL) – Comments associated with potential disturbance of fish, avian, or other wildlife populations and/or their habitat.

- **WIL 1**: Avian and bat impacts, including potential cumulative impacts resulting from existing and future wind projects should be discussed and analyzed. Comprehensive pre-construction and post-construction mortality monitoring surveys should be conducted.
- **WIL 2**: Critical fish habitat within the wind farm site and potential impacts should be disclosed.
- **WIL 3**: Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures, should be identified.

April 1, 2015 TTCES-4819-OUT-15-001

Lauren A
alohalaurenjoy@gmail.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Interested Stakeholder,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your comments; every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue topics and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Fire hazards associated with the Project's construction and operation including facility electrical failure and the identification of appropriate safety measure to address fire preparedness and emergency response.
- Potential decreases in tourism to the area could occur as a result of the change to the visual landscape from the Project.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.
- Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures, should be identified.

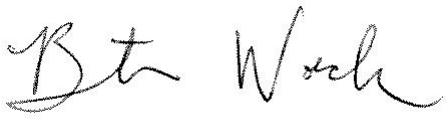
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **lauren a** <alohalaurenjoy@gmail.com>
Date: Wed, Dec 4, 2013 at 10:02 AM
Subject: no wind farm!
To: napuamakanihcp@fws.gov

HAS 3
REC 1
VIS 1
WIL 3

the wind farm is an eye soar, tourists complain, the windfarm is inefficient (the fire problems too) and also DANGEROUS to the community and to wildlife. Solar powered Germany has much to teach Hawaii.

April 1, 2015 TTCES-4819-OUT-15-002

Ann Allred
AllredA@hawaiireserves.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Allred,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your comments; every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Fire hazards associated with the Project's construction and operation including facility electrical failure and the identification of appropriate safety measure to address fire preparedness and emergency response.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.

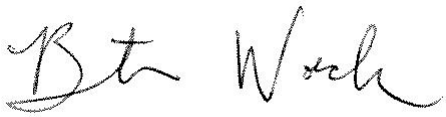
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Ann Allred** <AllredA@hawaiireserves.com>
Date: Mon, Dec 2, 2013 at 2:03 PM
Subject: Na Pua Makani HCP and DEIS
To: napuamakanihcp@fws.gov

Mr. Mehrhoff:

VIS 1
HAS 3

Our family is quite concerned about the proposed wind farm near Kahuku. The existing turbines are horrible enough to look at, and the fire that put them out of commission was frightening. These proposed ones, so close to neighborhoods, is not a good idea.

ACK

Please accept this note in opposition, and listen to the voices of our community.

Thank you.

Allred Family

Laie, Hawaii

April 1, 2015 TTCES-4819-OUT-15-003

Andrea Anixt
P.O. Box 646
Ka'a'awa, HI 96730
andreapeatmoss@yahoo.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Anixt,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submissions are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submissions:

- Would like to see alternative energy solutions analyzed, including solar, geothermal, personal photovoltaic systems, and geothermal as part of the alternatives analysis.
- Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.
- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- Safety impacts to community members related to wind turbine mechanical issues, such as blade throw or turbine collapse should be discussed and analyzed.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

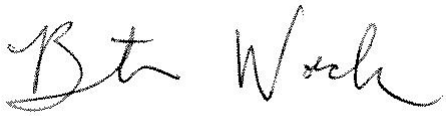
- Fire hazards associated with the Project's construction and operation including facility electrical failure and the identification of appropriate safety measure to address fire preparedness and emergency response.
- The threat of natural disasters, including hurricanes, tsunamis, and earthquakes, and how these events could in turn threaten the health and safety of nearby communities through the collapse of turbine towers or blade throw should be discussed and analyzed.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- The City and County of Honolulu setback distance regarding proximity of wind turbines to residences is insufficient and must be updated to reflect safe distances.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.
- Avian and bat impacts, including potential cumulative impacts resulting from existing and future wind projects should be discussed and analyzed. Comprehensive pre-construction and post-construction mortality monitoring surveys should be conducted.
- Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures should be identified.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **andrea anixt** <andreapeatmoss@yahoo.com>
Date: Sat, Nov 16, 2013 at 9:19 AM
Subject: Na Pua MAKANI HCP DEIS Testimony
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>

Andrea Anixt P.O. Box 646 Ka'a'awa, HI. 96730 808 237 8595
Aloha,

HAS 2
REG 2

I oppose more wind turbines closer than 1 mile to any inhabited area. The law in Hawaii is too lax so it is not something illegal to put them closer, but the experience in Europe I have had is that these can be blown far from origin and be destructive thereby.

HAZ 1

We are subject to hurricanes in Hawaii and it is better to be safe than sorry in that case alone. There is also the possibility of mechanical failure that could cause one of those huge blades to be where it should not be and at a very high velocity.

ALT 1
VIS 1

I also think they are not scenic and they are too visible in our scenic corridor along Kamehameha Highway in rural Windward Oahu. We depend on beauty for income thru tourism. Photovoltaic systems on rooftops are a much more aesthetic delivery system for green energy. They don't mar the landscape and take up open space land visually. Pouring a lot of money into Kahuku doesn't compensate for the damage done to the world class destination of Hawaii's beautiful Ko'olauloa and North Shore region. The scenic factor is of primary importance in this area now and into the future.

HAS 1

There are noise and flicker effects that we could all do without too while attending school nearby, or teaching there.

Regards,
Andrea Anixt

---------- Forwarded message ----------
From: **andrea anixt** <andreapeatmoss@yahoo.com>
Date: Wed, Dec 4, 2013 at 10:29 AM
Subject: Fw: TESTIMONY ON WIND TURBINES IN KAHUKUU DSEIS
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>

On Wednesday, December 4, 2013 10:24 AM, "andreapeatmoss@yahoo.com" <andreapeatmoss@yahoo.com> wrote:

TESTIMONY ON WIND TURBINES IN KAHUKUU

Andrea Anixt Post Office Box 646 Ka'a'awa, HI. 96730 808 237 8595

Aloha,

HAS 2
HAS 3
DAT 1

I am against the 15 new 500' wind turbines in Kahuku's placement. They are the cause of @144 deaths and 1500 accidents in Europe plus 211 fires and 272 blade failures with blade pieces thrown into motion. This is documented at www.caithnesswindfarms.co.uk

HAZ 1
REG 2

Hawaii setback law is insufficient and should be changed, but in the meantime it is better to be safe than sorry. Even if the distance is legal, it is not morally or ethically acceptable to endanger people like this. The fact that Hawaii is subject to hurricanes and tsunami and earthquake alone is a red flag for this proximity to homes and schools. What are the chances that people are safe within the height alone of these towers.

PRO 1

The furthest one has become a projectile is 2 miles! The consensus in Europe is 1 mile should be the minimum from housing, etc . Why can't we learn from their experience?

HAS 1
WIL 1
DAT 1

Also, there was a recent article on the death of 600,000 bats from the wind turbines in the continental U.S. This wasn't even caused by the blades which bats can avoid by their natural 'sonar' – which won't protect other birds in Hawaii Nei. The bats died due to the "subtle changes in barometric pressure created by the rotating blades causing the bats' capillaries to burst, resulting in deadly internal hemorrhaging." So far we have not gotten into studies of this that I've found relating to people, but is it worth the chance? Again, better safe than sorry! (Honolulu Star-Advertiser –Dec.1,2013 for bat study).

WIL 1
WIL 3

This is a bad location in general for birds. The 1100 acre J. P. Campbell Wildlife Refuge is extremely close by also. There are rare and endangered species and migratory birds lured to the area who will meet their death by these blades. If you indeed are an agency to protect fish and wildlife, this should also be a reason to reject this location for yet more wind turbines. It will become the 'Bermuda Triangle' for birds and probably humans at some point.

ACK

The Ka'a'awa Community Association is taking up this matter in a week, I think it is likely that we will oppose it, but your deadline is too close to wait for the result.

Regards,

Andrea Anixt

---------- Forwarded message ----------
From: **andrea anixt** <andreapeatmoss@yahoo.com>
Date: Sat, Jan 18, 2014 at 3:40 PM
Subject: Na Pua Makani HCP and EIS
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>

HAS 2

WIL 1
HAS 2

ALT 1

Aloha,

I have researched accidents involving wind turbines and do not want to have any wind turbines closer than 1 (one) mile away from houses, schools, or occupied structures in Hawaii at the minimum. It is not safe. This was also the consensus of a vote taken at the Ko'olauLoa Neighborhood Board January 9th, 2014.

There are plans placing them closer than this now by the developer. That also puts them on 3 sides of many Kahuku residents. This was not considered a health hazard by an 'expert' flown in by Champlin at the January 15 meeting in Kahuku. That does not discount that the wind turbines ARE an accident hazard. There are records of these accidents numbering over many thousands...and this does not include the deaths of hundreds of thousands of bats and birds. Unfortunately this project is very near an 1100 acre wildlife refuge where migratory and endangered birds are located also.

I support a large photovoltaic 'farm' of alternative energy instead on the land this company has leased. They are safe, not as view plane destructive or annoyingly noisy. The clean energy benefits are greater too.

Sincerely,
Andrea Claire Anixt
PO Box 646 Ka'a'awa, Hawaii 808 237 8595
Ka'a'awa Community Association Board of Directors member -
Disaster Preparedness team of KCA also
OahuMPO Citizen's Advisory Committee member
January 18, 2014
DEADLINE TO SUBMIT OF JANUARY 22, 2014 has been met, please acknowledge receipt of this testimony.

April 1, 2015 TTCES-4819-OUT-15-004

Leo Asuncion
Acting Director
Office of Planning
State of Hawaii
P.O. Box 2359
Honolulu, HI 96804

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Asuncion,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submissions are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Potential impacts to agriculture and how any impacts may be mitigated.
- Suggested a specific mitigation measure for inclusion in the impact analysis in the EIS.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The Environmental Impact Statement should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- Would like to see more detail on the Proposed Action and Project components (in text and represented graphically), including: wind turbine components, specifications, and materials needed for construction of turbines; turbine upgrades (if needed); the locations of turbines, collection lines,

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Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

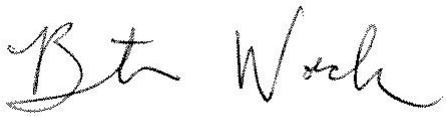
and point of interconnection; access road construction and maintenance; plans for turbine operations and maintenance; and plans for decommissioning and site restoration.

- Compliance with both the NEPA and HEPA processes for public scoping and outreach, that community members and agencies have been adequately consulted during scoping, and will continue to be consulted with during the entire planning process.
- The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

OFFICE OF PLANNING
STATE OF HAWAII

235 South Beretania Street, 6th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

NEIL ABERCROMBIE
GOVERNOR

JESSE K. SOUKI
DIRECTOR
OFFICE OF PLANNING

Telephone: (808) 587-2846
Fax: (808) 587-2824
Web: http://hawaii.gov/dbedt/op/

Ref. No. P-14250

January 17, 2014

Mr. Mike Cutbirth
c/o Tetra Tech, Inc.
737 Bishop Street, Suite 2340
Honolulu, Hawaii 96813

Subject: Na Pua Makani Wind Energy Facility
Environmental Impact Statement Preparation Notice
Kahuku, Oahu

Dear Mr. Cutbirth:

Thank you for the opportunity to review the subject Environmental Impact Statement Preparation Notice (EISPN) for a proposed wind power facility, meteorological tower, substation, maintenance building, and access road in Kahuku, Oahu.

According to the EISPN, a portion of the 685-acre parcel is privately owned and is classified as State Agricultural District. The remainder portion of the parcel is public land leased by the Department of Land and Natural Resources (DLNR). The project consists of a maximum of 45 megawatt wind energy facility to be generated by 15 proposed wind turbines with a peak height of 440 feet.

Due to the limited information provided, OP is unable to offer any detailed comments at this time. However, the following general comments are offered:

PRO 3

1. The EISPN did not provide adequate locational information such as Tax Map Key, address, or a clear location map. The document also lacked any reference maps for evaluating potential impacts, such as site plan/aerial maps, ownership, soils, land use, and zoning maps.

LAN 4
REG 3

2. The Draft EIS should provide an evaluation of the proposed project to address the criteria for permissible uses within the agricultural districts under Hawaii Revised Statutes (HRS) §205-4.5, including any mitigation measures to minimize impacts.

LAN 2

3. The Draft EIS should fully describe the agricultural and resource potential of the affected lands.

PRO 1

4. The Draft EIS should disclose the proximity of wind turbine facilities to residences in the area, including any associated impacts and mitigation measures.

MIT 5
REG 1

5. The Draft EIS should discuss any community consultations and any impact mitigation measures.

REG 3

6. The entire state is defined to be within the Coastal Zone Management Area, pursuant to HRS §205A-1 (definition of "coastal zone management area"). The Draft EIS should include a discussion of the proposed project's ability to meet the objectives and policies set forth in HRS §205A-2.

REG 3

7. The Draft EIS should include the Coastal Zone Management Act, HRS Chapter 205A, in a section that discusses the project's "Relationship to Land Use Plans, Policies, and Controls."

ACK

If you have any questions or comments, please contact Jenny Lee of our Land Use Division at 587-2805.

Sincerely,

Jesse K. Souki
Director

April 1, 2015 TTCES-4819-OUT-15-005

George Atta
Director, Department of Planning and Permitting
City and County of Honolulu
650 South King Street, 7th Floor
Honolulu, HI 96813

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments, 2013/ELOG-2416(WA)

Dear Mr. Atta,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submission:

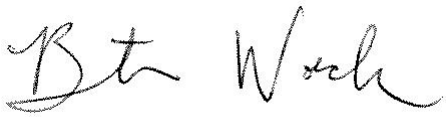
- The Project must be in compliance with all federal, state, and county regulations plans, and policies, including obtaining applicable federal, state, and county permits.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.
- Avian and bat impacts, including potential cumulative impacts resulting from existing and future wind projects should be discussed and analyzed. Comprehensive pre-construction and post-construction mortality monitoring surveys should be conducted.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8000 • FAX: (808) 768-6041
DEPT. WEB SITE: www.honoluludpp.org • CITY WEB SITE: www.honolulu.gov

KIRK CALDWELL
MAYOR

GEORGE I. ATTA, FAICP
DIRECTOR

ARTHUR D. CHALLACOMBE
DEPUTY DIRECTOR

2013/ELOG-2416(WA)

January 21, 2013

Mike Cutbirth
Tetra Tech, Incorporated
737 Bishop Street, Suite 2340
Mauka Tower
Honolulu, Hawaii 96813

Dear Mr. Cutbirth:

SUBJECT: Environmental Impact Statement Preparation Notice (EISPN)
for the Na Pua Makani Wind Farm Project
56-452 and 668 Kamehameha Highway - Kahuku
Tax Map Keys 5-6-6: 18 and 5-6-8: 6

This is in response to your December 20, 2013 letter, requesting comments for the proposed Na Pua Makani Wind Farm Project. We have reviewed the subject EISPN and have the following comments:

ACK

1. Development and design standards in the Land Use Ordinance Section 21-5.700(a)(b) and (c) shall apply to the proposed project.

REG 3

2. A Conditional Use Permit (CUP) No. 2013/CUP-23 approved on May 10, 2013, to establish an agribusiness activity (agricultural tour with zip line) on Parcel 18, as an accessory use to the existing crop production operations on the site. Approximately six acres of the 452.723-acre site will be used for the agribusiness activities, and 226 acres, or 50 percent of the lot area of the parcel will be dedicated for agricultural use for ten years. Compliance with Condition B of the approval should be explained.

REG 3

3. The Draft Environmental Impact Statement (DEIS) should address potential hazards to birds.

WIL 1

4. The DEIS should explain how wind energy facilities and appurtenances are compatible with agriculture uses and cause minimal impact on agricultural land pursuant to Chapter 205-4.5(a)(14) Hawaii Revised Statutes (HRS).

REG 3

5. The DEIS should address the policies and guidelines of the North Shore Sustainable Communities Plan, with respect to the following:

REG 3

(a) agriculture

(b) scenic resources.

VIS 1

The DEIS should also address how the windfarm will be situated in appropriate locations to minimize their impact on visual resources and what techniques will be used to visually blend the facilities and equipment into the natural environment.

REG 3

6. We note that the windfarm site is zoned AG-1 Restricted Agricultural District, AG-2 General Agricultual District, and R-5 Residential District. Wind machines are a permitted use with an approved CUP-minor. We further note that an approved CUP-minor for joint development of two or more adjacent lots would be required.

REG 3

7. As portions of the windfarm maybe on State Agricultural Lands, the DEIS should explain how the project is consistent with the requirements of Chapter 205, HRS.

Please contact William J. Ammons of our staff at 768-8025 if you have any questions.

Very truly yours,

for George I. Atta, FAICP
Director

GIA:nw

April 1, 2015 TTCES-4819-OUT-15-006

Ghialana Borges
ghialana@hawaii.edu

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Borges,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments and testimony from the public scoping meeting. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your comment submission and verbal testimony:

- Protection of Native Hawaiian cultural sites and burial grounds, and preservation of culturally-significant lands.
- Native Hawaiian land access and gathering rights being restricted as a result of the Project.
- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.

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Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

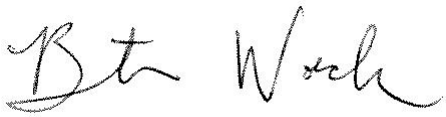
- Water resources impacts including water sources for the Project, sediment run-off, and potential effects to coastal zones should all be analyzed in the EIS.
- Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures, should be identified.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Ghialana Borges** <ghialana@hawaii.edu>
Date: Thu, Dec 5, 2013 at 6:55 PM
Subject: NA PUA MAKANI HCP & DEIS
To: napuamakanihcp@fws.gov

Aloha,

CUL 1
HAS 1
PRO 1
WAT 1
WIL 3

I speak for my family and myself in strong opposition to the proposed additional windmills in our community of Kahuku. These wind turbines are 15,500' tall monstrosities and this project places them too close to our elementary, intermediate and high school, and our homes. Many independent studies have linked significant health effects to wind turbines in close proximity. Low frequency sound vibrations, noise, and shadow flicker of windmills all contribute to medical effects such as anxiety, epilepsy, cardiovascular effects, sleeping patterns, and even children's performance in school. Environmentally, sediment run-off is a potential issue, as well as the need to preserve Native Hawaiian cultural sites and burial grounds. Native birds and other animals are also a big concern for these extremely large turbines will negatively impact them.

ACK

All of these reasons should be enough for any person with sensibilities to respect the wishes of a community that opposes such a development project.

As a resident of Kahuku, I am against this wind project and I sincerely ask that Na Pua Makani HCP does not move forward with any development plans.

Mahalo,
Ghialana B.

TETRA TECH

April 1, 2015 TTCES-4819-OUT-15-007

Harry Brown
donnabrown@hawaii.rr.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Brown,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments and testimony from the public scoping meeting. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your comment submission and verbal testimony:

- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- Safety impacts to community members related to wind turbine mechanical issues, such as blade throw or turbine collapse should be discussed and analyzed.
- The threat of natural disasters, including hurricanes, tsunamis, and earthquakes, and how these events could in turn threaten the health and safety of nearby communities through the collapse of turbine towers or blade throw should be discussed and analyzed.
- Power generation – specifically, what the overall capacity and daily production of the Project will be, transmission line upgrades that might be needed, how much electricity will go into the HECO grid, and how much of that electricity will stay in local communities.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8696 Fax 503.227.1287 www.tetratech.com

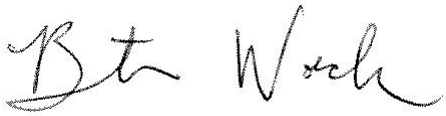
- Compliance with both the NEPA and HEPA processes for public scoping and outreach that community members and agencies have been adequately consulted during scoping, and will continue to be consulted with during the entire planning process.
- The construction and operation of the Project must be in compliance with all federal, state, and county regulations; Champlin must obtain applicable federal, state, and county permits.
- How would the Project contribute to a savings on the electrical bills of local residents, and how soon once the Project is operational could residents begin to see any potential savings.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Harry** <harrybrown@hawaii.rr.com>
Date: Wed, Dec 4, 2013 at 8:27 AM
Subject: Na Pua Makani HCP and DEIS
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>

Aloha,

ACK

I would like to inform you of my total opposition to your windmill project that you are planning to do in our community of Kahuku (Malaekahana Windmill project).

HAS 1
HAS 2
SOC 4
VIS 1

While there are many important and pertinent reasons (such as health and safety, and financial gain and benefits for your company, with no financial relief for us, while our electric bill continues to rise despite the existing windmill that is in our community), my family and I, as well as many of my neighbors) are AGAINST having an ugly giant eyesore of a windmill being erected in our "back yard".

ACK

You can contact me via my cell phone (384-5678) should you have any questions or further clarifications. Do not respond to my email, as I am not able to receive any email due to an unresolved email problem, however, you can email me at my wife's email, which is donnabrown@hawaii.rr.com

Thank you very much,
Harry Brown
Sent from my iPad

April 1, 2015 TTCES-4819-OUT-15-008

Rebecca Carlson
55-568 Naniloa Loop Apt 4A
Laie, HI 96762
beckbj@gmail.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Carlson,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your comments; every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Would like to see alternative energy solutions analyzed, including solar, geothermal, personal photovoltaic systems, and geothermal as part of the alternatives analysis.
- Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.
- Cumulative impacts associated with power generation of the Project when combined with other nearby wind farms, and whether the power being produced is more than is needed.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

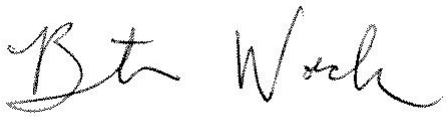
- Avian and bat impacts, including potential cumulative impacts resulting from existing and future wind projects should be discussed and analyzed. Comprehensive pre-construction and post-construction mortality monitoring surveys should be conducted.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Rebecca Carlson** <beckbj@gmail.com>
Date: Fri, Jan 17, 2014 at 10:40 PM
Subject: Na Pua Makani HCP and EIS
To: Napuamakanihcp@fws.gov

ACK

DAT 1
DSC 4
VIS 1
WIL 1

ALT 1

ACK

I am opposed to any additional wind farm development in Kahuku.

Wind farms are not a good energy solution for our area. They disrupt the natural beauty of our North Shore. They are also hazardous to our native Hawaiian hoary bats, who are being killed in disturbing numbers by the windmills that are already installed. Furthermore, windmills rely on a very unpredictable energy source, the wind! They can only operate at certain wind speeds. Too slow, no power. Too fast, they have to be shut down to avoid damaging the motors. Considering the entire picture of construction, maintenance, and eventual failure and disposal of electric power generating windmills, they are not reducing our carbon footprint. Please see this article from Denmark, perhaps the world capitol of windmills, about the problems with electrical wind farms:
http://www.thedutcheye.com/opinions/environment/why-windmills-aren-t-a-good-energy-solution.html

Instead of wind, we should be working to develop solar energy solutions. We have very good sun at this latitude, solar farms have a low profile and will not disturb the skyline, and they do not have large moving parts that pose hazard to wildlife.

Once again, I oppose wind farm development in Kahuku.

Thank you,

Rebecca J. Carlson
808-232-2329
55-568 Naniloa Loop Apt. 4A
Laie, HI 96762
beckbj@gmail.com

--
Rebecca J. Carlson

beckbj@gmail.com
http://rebeccajcarlson.blogspot.com

TETRA TECH

April 1, 2015 TTCES-4819-OUT-15-009

Aaron Mosiah Curtis
aaron.curtis@byuh.edu

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Curtis,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your comments; every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Power generation – specifically, what the overall capacity and daily production of the Project will be, transmission line upgrades that might be needed, how much electricity will go into the HECO grid, and how much of that electricity will stay in local communities.
- Clarification on the purpose and need of the Project, including how the Project would fit into the larger energy market that it would serve.
- How the Project would affect homeowners' ability to install photovoltaic systems.
- How would the Project contribute to a savings on the electrical bills of local residents, and how soon once the Project is operational could residents begin to see any potential savings.
- Avian and bat impacts, including potential cumulative impacts resulting from existing and future wind projects should be discussed and analyzed. Comprehensive pre-construction and post-construction mortality monitoring surveys should be conducted.

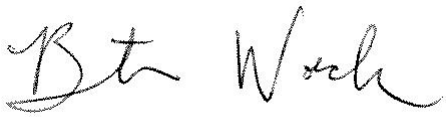
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Aaron Mosiah Curtis** <aaron.curtis@byuh.edu>
Date: Tue, Jan 21, 2014 at 9:42 PM
Subject: Na Pua Makani HCP and EIS
To: Napuamakanihcp@fws.gov

ACK

I am writing to express my concern and opposition regarding the current proposal for the Na Pua Makani windfarm in Kahuku.

In brief my concerns include the following:

WIL 1

- Insufficient controls have been proposed to mitigate the harmful effects of wind turbines on the dwindling native species such as the Hawaiian hoary bat.

SOC 2

- It is unclear how this project will affect homeowners' ability to install PV systems such as solar installations.

PRO 2

- There is insufficient evidence that the current power grid servicing the Koolauloa region would be able to provide the maximum benefit to regional residents. In other words, because of limitations to the powergrid in this region, the Koolauloa residents would bear much of the cost of this project, but not receive most of the benefits.

PRO 4

- Because of the economic and legal transfers of assets and development agreements among LLCs throughout the development of this project proposal, it is difficult for us community members to understand the full scope of what is being proposed.

SOC 4

- There is insufficient evidence that this project will actually reduce the costs of electricity to HECO customers.

Mahalo,

Aaron Curtis

April 1, 2015 TTCES-4819-OUT-15-010

Henry Curtis
Executive Director, Life of the Land
P.O. Box 37158
Honolulu, HI 96837
henry.lifeoftheland@gmail.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Curtis,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments and testimony from the public scoping meeting. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal and verbal testimony:

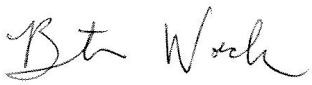
- Air quality impacts (criteria pollutants) and greenhouse gases resulting from construction and operation of the Project, and how impacts will be calculated and mitigated.
- Impacts related to climate change should be identified and analyzed.
- An alternate location for the Project should be analyzed (e.g. moving turbines further inland, different location on Oahu) due to the current Project's close proximity to the community and schools.
- The alternatives analysis should include a reasonable range of alternatives, and should describe how alternatives were developed and also how they were eliminated from further analysis.
- Native Hawaiian land access and gathering rights being restricted as a result of the Project.

- Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.
- Recommended visual simulations of the Project be included in the EIS.
- The EIS should utilize a clear methodology for analyzing direct, indirect, and cumulative impacts; proposed mitigation measures should be identified and analyzed; and past, present, and future actions should be analyzed as part of the cumulative impact analysis.
- Hazardous wastes, chemicals, and pesticides that will be produced or used by the Project, and how they will be stored, disposed of, and managed.
- Power generation – specifically, what the overall capacity and daily production of the Project will be, transmission line upgrades that might be needed, how much electricity will go into the HECO grid, and how much of that electricity will stay in local communities.
- Would like to see more detail on the Proposed Action and Project components (in text and represented graphically), including: wind turbine components, specifications, and materials needed for construction of turbines; turbine upgrades (if needed); the locations of turbines, collection lines, and point of interconnection; access road construction and maintenance; plans for turbine operations and maintenance; and plans for decommissioning and site restoration.
- Concerned about the details of the community benefits package.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.
- Avian and bat impacts, including potential cumulative impacts resulting from existing and future wind projects should be discussed and analyzed. Comprehensive pre-construction and post-construction mortality monitoring surveys should be conducted.
- Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures, should be identified.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

LIFE OF THE LAND
P.O. Box 37158, Honolulu, Hawai`i 96837-0158
Phone: 927-0709; E: henry.lifeoftheland@gmail.com

January 22, 2014

Mike Cutbirth
Champlin Hawaii Wind Holdings, LLC
<contact@champlinwind.com>

William Aila
Department of Land and Natural Resources
<william.j.aila@hawaii.gov>

Brita Woeck
Tetra Tech, Inc.
<Brita.Woeck@tetratech.com>

Loyal Mehrhoff or Aaron Nadig,
U.S. Fish and Wildlife Service
<NaPuaMakanihcp@fws.gov>

Re: Na Pua Makani Wind Project (EISPN)

ACK

Life of the Land herein submits scoping questions for the Na Pua Makani Wind Project Environmental Impact Statement Preparation Notice (EISPN)

DAT 1

1. "Figure 1. Napua Makani Project Vicinity Map" please provide one map that shows the existing and planned wind farms as well as the existing and planned residential and commercial developments including Kahuku, Malaekahana, Sunset, Haleiwa and Turtle Bay.

DAT 1
PRO 3

2. Please provide a map showing planned roads and planned turbine sites.

DAT 1

3. Please show on one color-coded map the rough area inhabited by the ‘a’o, ōpe‘ape‘a, ‘alae ke’oke’o, ‘alae ‘ula, ae’o and pueo.

ACK	4. Please provide details about how Champlin has dealt with endangered and threatened species, Incidental Take Permits and Incidental Take Licenses on its other projects, both in the U.S. and elsewhere.
PRO 2	5. What will be the capacity factor of the wind farm?
SOC 1	6. The previous developer made certain concessions to the community. Please list the ones you are aware of and specify whether you plan to adhere to each one.
HAZ 2	7. If the facility is built what pesticides (herbicides, insecticides, nemacides) will you use on a regular or irregular basis and in what quantity?
AIR 2	8. As wind farms are being to proliferate there has been some scientific analysis of impacts that were often overlooked in earlier installations. Wind farms affect local Mesoscale and Microscale meteorology. Have you calculated the impacts? If so, what are they? If not, why not?
AIR 3	9. Will the wind farm act as a heat source or a heat sink? Have you calculated the impacts? What impact will that have on the local environment?
VIS 1 DAT 2	10. How many homes (or what percentage of homes) will be able to see blinking red lights when the residents are in their homes?
PRO 3	11. What will be the upstream and downstream wake patterns?
PRO 3	12. How big will the holes be that will hold the turbine platforms?
PRO 3	13. How much material (type and weight) will need to go into each hole to support the turbine?
AIR 1	14. What is the amount of greenhouse gases released in making and then shipping the turbine base support?
AIR 1	15. Wind farms that replace fossil fuel facility result in less greenhouse gas emissions per kWh of electricity produced. The offsets are the greenhouse gases emitted during construction of the turbine, the grading and building of the roads AND the design and filing in of the hole that is used to support the turbine. What is the rough amount of greenhouse gases emitted in each phase (measured in total and per kWh of projected electricity that will be produced)?
PRO 2	16. Each turbine will, over its lifetime, produce how many kilowatt-hours of electricity?
AIR 1	17. If the above questions can't be answered, then how can the greenhouse gas emission savings are calculated?

PRO 2

18. What will be the marginal cost of the wind with and without considering the ancillary services (spinning reserves etc.) needed to incorporate the wind energy into the grid?

SOC 1

19. What is the cost of the community benefits package as a percentage of the total construction cost?

SOC 1

20. What is the cost of the community benefits package as a percentage of the anticipated annual revenue generated?

CUL 2

21. What restrictions will be placed on Native Hawaiian access?

ALT 2

22. Could the turbines be built further away from residential areas? Please detail all of Champlin's efforts to evaluate this possibility.

ALT 3

23. What options did Champlin consider in designation the No Build Alternative?

ACK

24. When did Champlin become involved with this Project?

25. When did Champlin first become involved in Hawai'i projects?

WIL 1
WIL 3

26. How has the applicant dealt with the natural annual variability of bird and wildlife habitat?

DSC 3

27. To what extent has the developer analyzed predictive and risk- assessment models of potential, cumulative impacts that include full season and multi-year pre-siting studies?

ACK

28. Please provide a Subtransmission map showing the connection between the First Wind facility and the HECO grid to the Weed Circle and Wahiawa.

PRO 3

29. Please provide a Subtransmission map showing the connection between your proposed site and Kaneohe.

PRO 3

30. Please detail at what point or under what conditions the Subtransmission system will need to be increased, either with another Subtransmission line, or a transmission line. Please cite all documents and provide web base locations?

SOC 1

31. What percentage of the community benefits package will be local to Kahuku?

Mahalo

Henry Curtis
Executive Director

April 1, 2015 TTCES-4819-OUT-15-011

Maria Feagai
maria.feagai@byuh.edu

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Feagai,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your comments; every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- Safety impacts to community members related to wind turbine mechanical issues, such as blade throw or turbine collapse should be discussed and analyzed.
- Potential decreases in tourism to the area could occur as a result of the change to the visual landscape from the Project.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.
- Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures, should be identified.

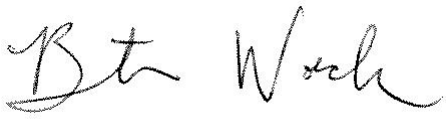
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Maria Feagai** <maria.feagai@byuh.edu>
Date: Tue, Dec 3, 2013 at 9:17 AM
Subject: I OBJECT to the New proposed wind farm in Kahuku
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>

Aloha,

ACK

I'm writing to voice my objection to the proposal of the plans for another wind farm to be built in Kahuku. I am opposed to this project for many reasons.

REC 1
VIS 1

As it is, the existing wind farms are an eye sore. It breaks my heart to see how these have marred our beautiful landscape through Kahuku and Waimea. If tourism is our #1 source of income, why are we scaring the land? Perhaps they work where there are wide expanses of ranch land, but on a small island, we do not have that luxury.

HAS 1
HAS 2

Our children attend Kahuku High School, which will be in unacceptable close proximity to the huge windmills and we still do not know what the long term effects of these monstrous machines will be.

WIL 3

I am concerned about the ecosystem and the effects it has on our wildlife. I do not feel that enough has been done to study the impact on our plants and animals. We need to protect the aina from further destruction.

ACK

I would be opposed to the wind farms even if we had something to gain monetarily by having them here. Those that will benefit from the profits do not have to live with them surrounded by all sides.

ACK

The north shore of Oahu has been the so-called "country" of our island. We have been bullied enough by big developers and politicians. Please DO NOT allow this to go forward. I understand the need for alternate energy, but do not feel that this is the answer.

Thank you for your time and consideration in this matter. Have a wonderful day.

Mahalo,

Maria F. Feagai

April 1, 2015 TTCES-4819-OUT-15-012

Kent Fonoimoana
PO Box 122
Laie, HI 96762
kent@trisland.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Fonoimoana,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments and testimonies from both of the public scoping meetings. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submissions are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittals and verbal testimony:

- Would like to see alternative energy solutions analyzed, including solar, geothermal, personal photovoltaic systems, and geothermal as part of the alternatives analysis.
- An alternate location for the Project should be analyzed (e.g. moving turbines further inland, different location on Oahu) due to the current Project's close proximity to the community and schools.
- Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.
- Recommended visual simulations of the Project be included in the EIS.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

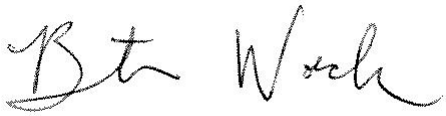
- The EIS should utilize a clear methodology for analyzing direct, indirect, and cumulative impacts; proposed mitigation measures should be identified and analyzed; and past, present, and future actions should be analyzed as part of the cumulative impact analysis.
- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- Safety impacts to community members related to wind turbine mechanical issues, such as blade throw or turbine collapse should be discussed and analyzed.
- Fire hazards associated with the Project's construction and operation including facility electrical failure and the identification of appropriate safety measure to address fire preparedness and emergency response.
- The threat of natural disasters, including hurricanes, tsunamis, and earthquakes, and how these events could in turn threaten the health and safety of nearby communities through the collapse of turbine towers or blade throw should be discussed and analyzed.
- Noise from the wind turbines associated with construction and operation of the Project impacting sensitive receptors.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- Power generation – specifically, what the overall capacity and daily production of the Project will be, transmission line upgrades that might be needed, how much electricity will go into the HECO grid, and how much of that electricity will stay in local communities.
- Potential decreases in tourism to the area could occur as a result of the change to the visual landscape from the Project.
- Compliance with both the NEPA and HEPA processes for public scoping and outreach that community members and agencies have been adequately consulted during scoping, and will continue to be consulted with during the entire planning process.
- The City and County of Honolulu setback distance regarding proximity of wind turbines to residences is insufficient and must be updated to reflect safe distances.
- How the Project would affect homeowners' ability to install photovoltaic systems.
- Concern that the Project would impact the quality of life for nearby communities.
- Short- and long-term socioeconomic impacts to the community resulting from the Project should be analyzed.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.
- Water resources impacts including water sources for the Project, sediment run-off, and potential effects to coastal zones should all be analyzed in the EIS.

- Avian and bat impacts, including potential cumulative impacts resulting from existing and future wind projects should be discussed and analyzed. Comprehensive pre-construction and post-construction mortality monitoring surveys should be conducted.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Kent Fonoimoana-TRIsland** <kent@trisland.com>
Date: Mon, Dec 2, 2013 at 1:59 PM
Subject: Na Pua Makani HCP DEIS
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>

To whom it may concern,

ACK

I am submitting comments in strong opposition to the wind farm that is proposed for properties located at Malaekahana and the Kahuku State Agriculture Park.
In 2011, as a member of Kahuku Community Association, I and my fellow board members took a position against the installation of any more industrial sized wind turbines in the Kahuku area. The community support for this position was and is overwhelming.
The reasoning for my position are as follows:

HAZ 1
HAS 2
PRO 1
REG 2

1- Current safety zones between these machines and occupied structures are woefully inadequate. Placing 500' tall machines with moving parts 1200' upwind from Kahuku schools and community creates an untenable safety hazard. It is not if, but when a major hurricane strikes Oahu and these machines are composed of 150' blades that are designed to be light and aerodynamic. Each of the blades on a single turbine weigh in excess of 14,000 lbs. and could become windblown debris that could impact human life. To date, not one wind turbine worldwide has been subjected to an 'Iniki type event. To surround Kahuku community with these machines will likely be a life ending disaster for some of us who live here.

HAS 1

2- There are independent studies that support adverse health impacts on humans who live close proximity to these machines. Sleeplessness caused by noise and vibration has detrimental impacts on folks already living in close proximity to windmills. Others across the nation and worldwide are suffering vertigo, headaches, irritability, and a host of other ailments that they attribute to large industrial windmills.

ACK

3- This proposed project will surround Kahuku community on three sides which is unacceptable as well as irresponsible.

ACK

4- The power delivered fluctuates greatly and there is a detrimental impact on privately owned electrical devices of nearby consumers.

WIL 1

5- There is a significant impact on avian and bat species. The EIS of the First Wind project failed to address all avian species as the impacts on 'Iwa or Frigate bird was not studied.

ALT 1
SOC 2

6- There are other alternatives available that will not impact private consumers. HECO has stated that Kahuku is at or beyond the saturation rate for renewable energy. The existing wind energy facility has usurped private consumer's options for photo-voltaic panel installation. According to HECO, should a homeowner desire to install PV, there may be a discriminatory fee involved for Kahuku consumers.

ACK

7- Kahuku community has done its share for Oahu and it's time for others to do the same.

8- The state has initiated a policy to commit to renewable energy yet the state lacks committment as the vast majority of state owned buildings lack PV panels or any other renewable energy source.

ALT 2

9- The federal government has committed to green energy yet they hypocritically prohibit the installation of wind mills in close proximity to the Kahuku Army training facility.

REC 1

10- Tourists and residents do not appreciate the industrialized look that these turbines create.

DSC 3

11- Installing these unsightly machines in close proximity to communities will have an adverse impact on future projects. Proper installation of wind turbines at appropriate sites may lessen legal challenges that may/will arise.

Mahalo,

Kent Fonoimoana
Board member - Kahuku Community Association
Board member - Ko'olauloa Neighborhood Board #28

April 1, 2015 TTCES-4819-OUT-15-013

Michael D. Formby
Director
Department of Transportation Services
City and County of Honolulu
650 South King Street, 3rd Floor
Honolulu, Hawaii 96813

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments, TP12/13-542880R

Dear Mr. Formby,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

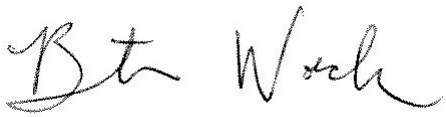
- Would like to see mitigation measures designed to minimize traffic impacts during construction.
- Compliance with both the NEPA and HEPA processes for public scoping and outreach, and that community members and agencies have been adequately consulted during scoping, and will continue to be consulted with during the entire planning process.
- Short- and long-term traffic impacts to the community, and what mitigation measures could be used to decrease impacts during construction.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET, 3RD FLOOR
HONOLULU, HAWAII 96813
Phone: (808) 768-8305 • Fax: (808) 768-4730 • Internet: www.honolulu.gov

KIRK CALDWELL
MAYOR

MICHAEL D. FORMBY
DIRECTOR

MARK N. GARRITY, AICP
DEPUTY DIRECTOR

TP12/13-542880R

January 22, 2014

SENT VIA EMAIL

Mr. Mike Cutbirth
NaPuaMakanihcp@fws.gov

Dear Mr. Cutbirth:

SUBJECT: Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project; Kahuku, Hawaii

In response to your memorandum dated December 20, 2013, we have the following comments:

TRA 1

1. The Draft Environmental Impact Statement (DEIS) should include a discussion of traffic impacts on the surrounding City roadways as a result of the project, including short-term impacts during construction, short and long term proposed mitigating measures, and complete streets concepts.

TRA 1
REG 1

2. The area Neighborhood Board, as well as the area residents, businesses, etc., should be kept apprised of the details of the proposed project and the impacts, particularly during construction, the project may have on the adjoining local street area network.

MIT 3

3. Any construction materials and equipment should be transferred to and from the project site during off-peak traffic hours (8:30 a.m. to 3:30 p.m.) to minimize any possible disruption to traffic on the local streets.

ACK

We reserve further comment pending submission of the DEIS.

ACK

Thank you for the opportunity to review this matter. Should you have any further questions, please contact Michael Murphy of my staff at 768-8359.

Very truly yours,

for Michael D. Formby
Director

April 1, 2015 TTCES-4819-OUT-15-014

Karen Gallagher
gallaghek007@hawaii.rr.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Gallagher,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Would like to see alternative energy solutions analyzed, including solar, geothermal, and personal photovoltaic systems, as part of the alternatives analysis.
- An alternate location for the Project should be analyzed (e.g. moving turbines further inland, different location on Oahu) due to the current Project's close proximity to the community and schools.
- Concern that the Project would impact the quality of life for nearby communities.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.
- Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures, should be identified.

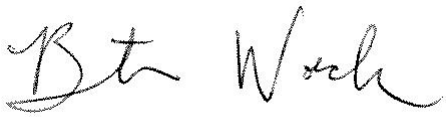
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Karen Gallagher** <gallaghek007@hawaii.rr.com>
Date: Tue, Jan 21, 2014 at 10:25 AM
Subject: Na pua Makani HCP and EIS
To: NaPuaMakanihcp@fws.gov

ACK

SOC 3
VIS 1
WIL 3

ACK

ALT 1
ALT 2

ACK

Aloha,
I am a resident of O'ahu who is very much for renewable energy.
However, I do not believe that this ought to be done in a way that destroys our beautiful landscapes,
kills our native species or diminishes the quality of life for our residents.
The Kahuku community has been used and abused enough already by the wind industry and has nothing to gain, only losses.
Placing the windmills way back in the Ko'olau Range would eliminate two of the above; placing solar panels in that area would
be even better; producing way more energy w/o the negative effects.
I am opposed to the current windmill plan.
Aloha,
Karen Gallagher

April 1, 2015 TTCES-4819-OUT-15-015

Fred Geibelt
fgeibelt@aol.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Geibelt,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Would like to see alternative energy solutions analyzed, including solar, geothermal, personal photovoltaic systems, and geothermal as part of the alternatives analysis.
- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- Clarification on the purpose and need of the Project, including how the Project would fit into the larger energy market that it would serve.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.

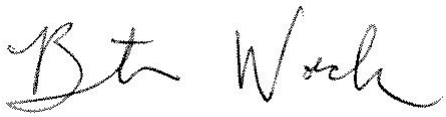
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: <fgeibelt@aol.com>
Date: Sat, Jan 18, 2014 at 4:33 PM
Subject: Naouamakani HCP & EIS
To: Napuamakanihcp@fws.gov

Dear Sirs:

ACK

Thank you very much for allowing feedback regarding the construction of a new windmill farm in Kahuku.

VIS 1

Being from Pupukea, as I round the corner of the Kam Hwy that faces toward Waimea Bay, I keep saying to myself how distracting these towers are when trying to soak in the natural beauty of the bay area. It is difficult to believe these behemoths are 400 ft tall. Before the first windmills arrived on Oahu, I don`t believe anyone realized how its appearance affects the natural beauty of our endangered pristine views of nature.

HAS 1
VIS 1

And, having spoken to some friends who live along Alapio Rd which faces the towers, they express their displeasure now that their view of Kaena Pt has been ruined. They can also hear the hum of these towers, too.

ALT 1

If you took the same area intended for these towers and built a solar panel field, you would probably produce the same or better in energy production and would not have to hear or see them.

ACK

Essentially, windmills are fine in theory. But they would be best practiced in a desert. Hawaii is known for natural beauty. Oahu has just about tipped the scales with its overbuilding. Let`s not push it over the edge.

ALT 1
PRO 4

Finally, what is the main point of windmills in Hawaii? Is it to save on energy costs? Is there a savings to the end consumer? I bet these things are very expensive to maintain. And, without outside subsides, are they economical at all? Or do we have them because of an objection to fossilized fuels? I guess no one wants to mention natural gas, but it is cheaper than renewables, it`s American, and it produces very low pollution.

ACK

So, I guess by now, you know that I would not be happy with more windmills. And, I`m sure it is one of those things where people say, "not in my back yard!." Forget these monstrocities.

Thank you for hearing me out - I hope.

Sincerely,

Fred Geibelt
Pupukea

April 1, 2015 TTCES-4819-OUT-15-016

Carter Griffin
58 Church St.
Westborough, MA 01581-1925
cartergrifin@gmail.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Interested Stakeholder,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your comments; every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue topics and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Would like to see alternative energy solutions analyzed, including solar, geothermal, personal photovoltaic systems, and geothermal as part of the alternatives analysis.
- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.

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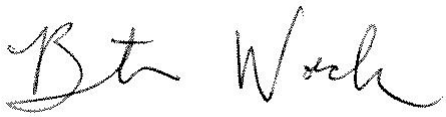
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Carter Griffin** <cartergrifin@gmail.com>
Date: Tue, Dec 3, 2013 at 9:52 AM
Subject: Na Pua Makani HCP and DEIS
To: napuamakanihcp@fws.gov

Aloha,

ACK

I would like to voice my opinion against the proposal to erect 15 500' tall towers and turbines at Malaekahana in close proximity to Kahuku schools and the Kahuku community. Please do not allow this project to move forward.

HAS 1

I live outside of Boston, MA, & for the last 4 years I have been visiting Friends Of Malaekahana campground for a yearly vacation. I will continue to visit the area yearly now. I have become friends with many Kahuku & the surrounding communities. Here in Massachusetts, we do have wind turbines in and around populated areas. The turbines DO cause health issues, continuous insomnia, headaches, psychological disturbances, dental injuries just to name a few. People in the recent past didn't realize this until the turbines are already up & running.

ALT 1

Additional turbines in Kahuku, especially in close proximity to any community will only be problematic. I understand the need to make the islands more self sustainable in power generation, but there has to be a better way to do it. I mean, look at the issues of the current turbines in Kahuku. Of the 4 years I've been I've only seen them active once and that was minimal.

ACK

Please take my concerns into consideration.

Mahalo,
Carter T. Griffin
58 Church St
Westborough, MA
01581-1925

April 1, 2015 TTCES-4819-OUT-15-017

Rolland Harvest
Assistant Chief
Honolulu Fire Department
City and County of Honolulu
636 South Street
Honolulu, HI 96813

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Harvest,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

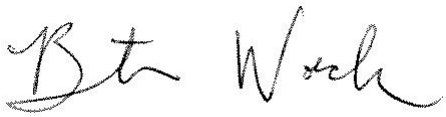
- Fire hazards associated with the Project's construction and operation including facility electrical failure and the identification of appropriate safety measure to address fire preparedness and emergency response.
- The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

HONOLULU FIRE DEPARTMENT

CITY AND COUNTY OF HONOLULU

636 South Street
Honolulu, Hawaii 96813-5007
Phone: 808-723-7139 Fax: 808-723-7111 Internet: www.honolulu.gov/hfd

KIRK CALDWELL
MAYOR

MANUEL P. NEVES
FIRE CHIEF

LIONEL CAMARA JR.
DEPUTY FIRE CHIEF

December 30, 2013

Mr. Mike Cutbirth
c/o Tetra Tech, Inc.
737 Bishop Street, Suite 2340
Mauka Tower
Honolulu, Hawaii 96813

Dear Mr. Cutbirth:

Subject: Environmental Impact Statement Preparation Notice
Na Pua Makani Wind Farm Project
Kahuku, Hawai'i

In response to a memorandum from Ms. Brita Woeck, dated December 20, 2013, regarding the above-mentioned subject, the Honolulu Fire Department (HFD) requires that the following be complied with:

REG 3

1. Fire department access roads shall be provided such that any portion of the facility or any portion of an exterior wall of the first story of the building is located not more than 150 feet (46 m) from fire department access roads as measured by an approved route around the exterior of the building or facility. (National Fire Protection Association [NFPA] 1; Uniform Fire Code [UFC]™, 2006 Edition, Section 18.2.3.2.2.)

REG 3

A fire department access road shall extend to within 50 ft (15 m) of at least one exterior door that can be opened from the outside and that provides access to the interior of the building. (NFPA 1; UFC™, 2006 Edition, Section 18.2.3.2.1.)

HAS 3
REG 3

2. A water supply approved by the county, capable of supplying the required fire flow for fire protection, shall be provided to all premises upon which facilities or buildings, or portions thereof, are hereafter

HAS 3
REG 3

REG 3

ACK

constructed, or moved into or within the county. When any portion of the facility or building is in excess of 150 feet (45 720 mm) from a water supply on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains capable of supplying the required fire flow shall be provided when required by the AHJ [Authority Having Jurisdiction]. (NFPA 1; UFC™, 2006 Edition, Section 18.3.1, as amended.)

3. Submit civil drawings to the HFD for review and approval.

Should you have questions, please call Battalion Chief Socrates Bratakos of our Fire Prevention Bureau at 723-7151 or sbratakos@honolulu.gov.

Sincerely,

ROLLAND J. HARVEST
Assistant Chief

RJH/CN:bh

April 1, 2015 TTCES-4819-OUT-15-018

Larissa Hekau
hekaul@hotmail.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Hekau,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- An alternate location for the Project should be analyzed (e.g. moving turbines further inland, different location on Oahu) due to the current Project's close proximity to the community and schools.
- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- Concerned about the details of the community benefits package.
- Concern that the Project would impact the quality of life for nearby communities.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

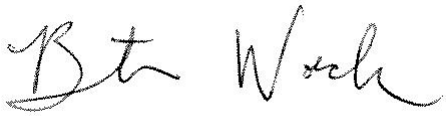
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.
- Avian and bat impacts, including potential cumulative impacts resulting from existing and future wind projects should be discussed and analyzed. Comprehensive pre-construction and post-construction mortality monitoring surveys should be conducted.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Larissa Hekau** <hekaul@hotmail.com>
Date: Thu, Dec 5, 2013 at 3:35 PM
Subject: Na Pua Makani HCP and DEIS
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>

Good Afternoon!

ACK

My name is Larissa and I am a resident of Kahuku. My children attend Kahuku Elementary and my husband is self employed in and around our community.

ALT 2
HAS 1
PRO 1
SOC 1
SOC 3
VIS 1
WIL 1

We are very disappointed you have chosen to install your wind turbines in our community and within close proximity to our lives. It seems very lazy/sloppy to plonk the turbines so near in everyone's view for your immediate benefit. Though we are for clean energy, measures should be taken to build the turbines much further inland (practically out of sight), or somewhere where it is not so close to a village and its schools. These massive turbines already have negative visual impact on our people. Your location is not suitable for any of us, the scale and appearance of one turbine is loathed and having 14 of the proposed and within close proximity to the schools and residents is outrageous. I fear for the community in regards to health issues that may arise, noise that we will have to bear because we are upwind. Even to deal with their revolving shadows as soon as the sun rises first thing in the morning would be devastating to wake up to. It wont feel like our tropical paradise with these turbines along our highway as we try to push for keeping our country clean, pristine and tranquil. We want our wildlife to be free to fly where they want and not have to dodge blades. Please don't try to make the excuse that it is benefiting our local area. Our cost of living is high. Many of us work two jobs trying to put food on the table. Your $10,000 per turbine a year is a slap in the face. The cost equivalents to a little more then what a BYUH student living off campus pays for a single twin bed in a room shared with other students per month. We understand there is a lot of money benefited in installing your turbines. We already sacrifice our community with the current turbines to help benefit HECO and our brothers and sisters on the island, but please don't think you can come and abuse us. We are unanimously against your wind turbines in our Kahuku community.

ACK

By the unspoken natural law of the universe, the goodwill you do to man, will reciprocate back to bless you.
\
With strong objection,

Larissa Hekau

April 1, 2015 TTCES-4819-OUT-15-019

Angela Huntemer
ahuntemer@aol.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Huntemer,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Avian and bat impacts, including potential cumulative impacts resulting from existing and future wind projects should be discussed and analyzed. Comprehensive pre-construction and post-construction mortality monitoring surveys should be conducted.
- Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures, should be identified.

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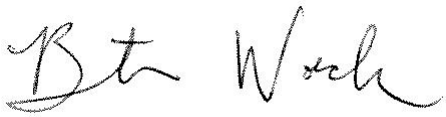
We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: <ahuntemer@aol.com>
Date: Wed, Dec 4, 2013 at 10:05 AM
Subject: Windmills on the North Shore
To: napuamakanihcp@fws.gov

WIL 1

WIL 3

Aloha,
I live a Turtle Bay and I oppose the installation of any more windmills up here.
As you know, this area is an important area for
1/ migratory birds (MBTA)
2/ Endangered waterbirds and bats
3/ native birds and unusual "blow ins".
The impact of the existing windmills in the Kahuku area and the wind farm that stretches from Haleiwa to Waimea is more than enough impact on these species.
No to more windmills.
Thank you, Angela Huntemer, M.Ed.

April 1, 2015 TTCES-4819-OUT-15-020

Choon James
56-1081 Kamehameha Highway
Kahuku, HI 96731
ChoonJamesHawaii@gmail.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Choon James,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submissions are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittals:

- Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.
- Direct, indirect, and cumulative impacts to public health, visual resources, and socioeconomics for communities nearby
- Direct, indirect, and cumulative impacts to aquatic and terrestrial ecosystems, habitat, native plants, wildlife, bat, and avian species.
- The EIS should address any disproportionate adverse impacts to minority and low-income populations, and should reflect coordination with those affected populations.
- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect

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Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

community members who live within close proximity to the Project should be discussed and analyzed.

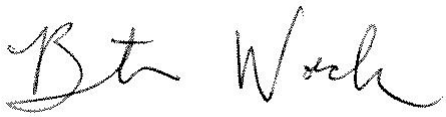
- Fire hazards associated with the Project's construction and operation including facility electrical failure and the identification of appropriate safety measure to address fire preparedness and emergency response.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- Compliance with both the NEPA and HEPA processes for public scoping and outreach, that community members and agencies have been adequately consulted during scoping, and will continue to be consulted with during the entire planning process.
- Concern that the Project would impact the quality of life for nearby communities.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Choon James** <choonjamesstorage@gmail.com>
Date: Tue, Dec 3, 2013 at 1:50 PM
Subject: "Na Pua Makani HCP and DEIS" - WE STRONGLY OPPOSE MORE WIND TURBINES IN KAHUKU
To: napuamakanihcp@fws.gov

ACK

PLEASE DENY THIS PROJECT!

Loyal Mehrhoff, Field Supervisor,
U.S. Fish and Wildlife Service,
Pacific Islands Fish and Wildlife Office,
300 Ala Moana Boulevard, Room 3-122,
Honolulu, Hawaii 96850

REG 1

We're very concerned that due process, transparency has been sorely lacking in this project. People are very busy and cannot attend every meeting.

ACK

Corporations whose bottom line is PROFITS will come and go but the residents are the ones who bear the blunt of these long-term impacts and irreparable damages.

DSC 1
DSC 2
HAS 3

We're not against exploring alternative energy but there should be no sacred cows. Every project must take into serious consideration the impacts on human beings, the natural environment and social impacts. There are issues of "dirty electricity", noise, potential fire and malfunction on the human, natural and social environment that need to be studied.

ACK

A Project to erect 15 500' tall towers and turbines at Malaekahana in close proximity to Kahuku schools and the Kahuku community is a big deal to us. If this happens, the Kahuku Residential areas and farms will be surrounded on three sides by industrial sized wind mills.

HAS 1
PRO 1

Independent studies have linked wind turbines to health issues that impact humans if placed in close proximity to residential areas. The proposed wind farm will be 3 times closer to our schools and residences than the existing facility. It will also be upwind - which is significant.

ACK

Kahuku Community Association (KCA) has taken a position against any additional wind mills in our area, and yet the developer is quietly moving ahead against the wishes of the community.

Mahalo!

Choon James,
56-1081 Kam Hwy,
Kahuku, Hawaii, 96731

808 293 9111
Email: ChoonJamesHawaii@gmail.com

http://www.CountryTalkStory.com

---------- Forwarded message ----------
From: **Choon James** <choonjameshawaii@gmail.com>
Date: Wed, Jan 22, 2014 at 12:02 PM
Subject: STRONGLY OPPOSE : Na pua Makani HCP and EIS
To: NaPuaMakanihcp@fws.gov, Choon James <choonJamesHawaii@gmail.com>

STRONGLY OPPOSE : Na pua Makani HCP and EIS

Aloha.

ACK

Kahuku has two residential subdivisions of approximately 900 households, an elementary, intermediate, and high school. There are also acres of active agricultural farms as well as small businesses.

PRO 1

The overwhelming majority are against this wind turbine project. As you can see, the turbines are too close to homes, schools and farms.

ACK

Green Energy in concept is a remarkable idea.

DSC 1

However, it is imperative that you somberly include the cumulative negative impacts of wind turbines on physical and psychological health, valued view planes, environment and economic marginalization upon our area. When you do, the answer becomes very clear that this wind project is NOT SUITABLE in this area.

ACK

You must look beyond the sleek marketing from using beautiful Hawaiian names to Champlin hiring an outrageously biased "Harvard medical expert' to tell us that noise is not a disease, but only an annoyance.

ENJ 1
SOC 3

You must also note that these industrial projects are often heaved upon on poorer communities. Surely, there has to be equity in quality of life, whether one lives in Kahuku or Kahala.

DAT 1

Please also note the following links which should further adequately describe a common thread of concerns with such projects.

DAT 1

http://fairwindenergy.org/testimony.html

http://www.liverpoolecho.co.uk/news/liverpool-news/airports-object-wind-turbine-plans-6532548

ACK

We STRONGLY OPPOSE this project and request that it be decisively denied.

Mahalo,

Choon James,
56-1081 Kam Hwy
Kahuku Hawaii 96731

ChoonJamesHawaii@gmail.com

http://www.CountryTalkStory.com
Saturdays 5:00 pm Olelo TV 52

April 1, 2015 TTCES-4819-OUT-15-021

Mary Kamauoha
kanakatonk@yahoo.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Kamauoha,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your comments; every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- The status and value of agricultural lands within the wind farm site should be discussed and analyzed.
- Clarification on the purpose and need of the Project, including how the Project would fit into the larger energy market that it would serve.
- The construction and operation of the Project must be in compliance with all federal, state, and county regulations, plans, and policies; Champlin must obtain applicable federal, state, and county permits.
- Short- and long-term socioeconomic impacts to the community resulting from the Project.

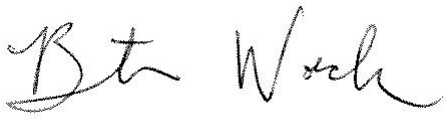
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **mary kamauoha** <kanakatonk@yahoo.com>
Date: Mon, Jan 20, 2014 at 10:25 PM
Subject: Na Pua Makani HCP and DEIS
To: "Napuamakanihcp@fws.gov" <Napuamakanihcp@fws.gov>
Cc: "Rep. Richard Lee Fale" <repfale@capitol.hawaii.gov>

REG 3

LAN 2

PRO 4

ACK

SOC 6

ACK

Gentlemen and Ladies

I am a concerned citizen of the Kawailoa ahupuaʻa district, neighbor to Koʻolauloa residents, some of whom rightfully oppose additional wind turbine construction expansion and operations above their homes and businesses. I am not an expert. Like you, I hope the experts will come forward and share their opinions of this proposed "taking" and impacting of natural land and air space for this proposed wind energy solution. I hope you also take into account the for-profit effort of these foreign (non-Hawaii) investors, and before a final decision, ensure any decision to lease agricultural land to generate wind energy is just and defensible. I am not an expert, but, very supportive of synergistic decisions, that when all options considered the decision the agreed solution is the best, with least possible, negative impacts to our ecosystem, health and economy. The investors must also be accountable to the community and government, in full compliance w/federal, state, Hawaiian, and community regulations and concerns, completing and presenting a sound and timely EIS what is the timeline??). Legislators must also seek expert advise, as well listen to all stakeholders, before making this critical decision. These are some of my questions and comments for the experts and for you:

1. What is the basis, the 232-acres of agricultural real estate, "not suitable for conventional farming practices...", and how was it acceptable? This language in the July 2012, DLNR 080D-110 document, unfairly favors WWW, LLC and itʻs subsidiariesʻ proposed wind project, before finalized EIS. All real estate can be cultivated by knowledgeable, hard-working, individual or group efforts, and the right crop or animal. The ahupuaʻa system of land cultivation and a generationally sustained ecosystem for itʻs citizens is evidenced by farmers who practice these principles. This valuable wisdom is dismissed by those who rely on western influences and their knowledge and experiences for decisions w/out seeking experts in all areas.
2. Where is HECOʻs committed support of the proposed 45MW+ wind energy solution? HECO representatives admitted no business liaisons with commercial "solar" companies, for various reasons, but notably, to consume commercial solar energy, for reserve, conversion, storage and/or disposal! HECO admitted in a news special, the solar companies out-sold HECOs capacity or readiness to consume, regenerate and disperse the new alternative energy as the infrastructure to do so is not yet funded/available. Is there an unfair advantage for the wind energy companies versus solar company market where alternate energy solutions concerned? And, if HECOʻs infrastructure is not ready, then Hawaii will be paying for wind energy that we cannot use. There needs be accountability and transparency in this effort to harness and convert useable energy.
3. Recommend seek the opinions of experts on all sides, before making decisions for citizens.
4. Recommend a true cost/benefit analysis that weighs impacts and effects of government, investors, residents, farmers, landowners, small businesses, and ALL stakeholders, across the state who will be impacted by this decision forever; positively or negatively.

Mahalo for allowing me to give my concerns. I look forward to watching the decision process. Hawaiiʻs climate and location make us unique and alternative energy advantageous. Hawaii also has a finite ecosystem to protect and nurture for generations. We need proceed thoughtfully and responsibly with implementing new solutions, to ensure sustainability and impacts to future peoples of Hawaii.

Aloha
M Kamauoha

April 1, 2015 TTCES-4819-OUT-15-022

Merania Kekaula
paitonu@msn.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Kekaula,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your comments; every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- Hazardous wastes, chemicals, and pesticides that will be produced or used by the Project, and how they will be stored, disposed of, and managed.
- Power generation – specifically, what the overall capacity and daily production of the Project will be, transmission line upgrades that might be needed, how much electricity will go into the HECO grid, and how much of that electricity will stay in local communities.
- Clarification on the purpose and need of the Project, including how the Project would fit into the larger energy market that it would serve.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

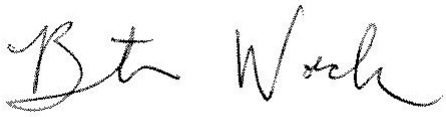
- How would the Project contribute to a savings on the electrical bills of local residents, and how soon once the Project is operational could residents begin to see any potential savings.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Merania Kekaula** <paitonu@msn.com>
Date: Wed, Jan 22, 2014 at 7:39 PM
Subject: "Napua Makani HCP and IES"
To: "NaPuaMakanihcp@fws.gov" <napuamakanihcp@fws.gov>

ACK

SOC 4

PRO 2

PRO 4

ACK

HAZ 2

ACK

HAS 1

I am opposed to the building of windmills on and around Kahuku and in close proximity to the High School and Elementary School for the following reasons:
1. The windmills haven't reduced our electricity bills; in fact our electric bills continue to soar.
2. From observation, the windmill blades don't turn enough rpm to warrant enough electricity being generated. How much electricity actually goes on the grid? I want to know how much electricity goes to HECO and of that amount, how much stays in Kahuku and/or is banked out of state?
3. Is the company getting tax payer dollars from the Federal government? If so this company is ripping us off more than 2X, (go and build your windmills in the county and state where you live!)
4. Are these federally funded monies available to everyone or just the lobbyists of the party in power?
a. A better word for this type of dealing is a "shell game."
b. Who is going to remove the concrete and whatever else is under the windmills, (the movie I saw indicated chemicals underneath the concrete foundations), windmill blades etc.
5. I'm concerned for the community at large; your *conquer and divide* tactics are disgraceful and we're sick and tired of your pitting neighbor against neighbor.
6. You insult us by coming back to Kahuku to build more windmills, (gth somewhere else!)... then you try to "stick your finger in our eyes," by wanting to build these behemoths close to our children's schools without knowing the health risks? Here's a big fat finger in all your eyes - gth out of Hawaii and go play your ponzi schemes back in your own states ... I also wonder who the other fat devils are who are making money "hand over fist," from these turbine windmill ponzi schemes!
Kahuku has too many wind turbines already! NO MORE WIND TURBINES!!
Merania Kekaula

April 1, 2015 TTCES-4819-OUT-15-023

Ernest Lau
Manager and Chief Engineer
Board of Water Supply
City and County of Honolulu
630 South Beretania Street
Honolulu, HI 96843

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Lau,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Fire hazards associated with the Project's construction and operation including facility electrical failure and the identification of appropriate safety measure to address fire preparedness and emergency response.
- The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.

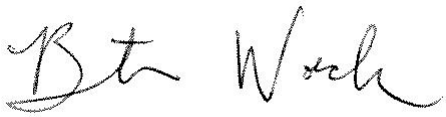
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8696 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

BOARD OF WATER SUPPLY

CITY AND COUNTY OF HONOLULU
630 SOUTH BERETANIA STREET
HONOLULU, HI 96843

February 4, 2014

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ERNEST Y. W. LAU, P.E.
Manager and Chief Engineer

ELLEN E. KITAMURA, P.E.
Deputy Manager and Chief Engineer

Mr. Mike Cutbirth
c/o Tetra Tech, Inc.
737 Bishop Street, Suite 2340
Honolulu, Hawaii 96813

Dear Mr. Cutbirth:

Subject: The Letter Dated December 20, 2013 on the Environmental Impact Statement Preparation Notice for the Na Pua Makani Wind Farm Project in Kahuku – Tax Map Key: 5-6-006:018, 5-6-008:008

Thank you for the opportunity to comment on the proposed wind farm project.

REG 3

The project is in the vicinity of Board of Water Supply (BWS) Kahuku wells, transmission mains and 228' reservoir. We have future plans to install a second reservoir at the site and will require sufficient setback around the entire facility. The construction drawings should be submitted to BWS for review.

HAS 3
REG 3

The on-site fire protection requirements should be coordinated with the Fire Prevention Bureau of the Honolulu Fire Department.

If you have any questions, please contact Robert Chun at 748-5443.

Very truly yours,

for ERNEST Y. W. LAU, P.E.
Manager and Chief Engineer

April 1, 2015 TTCES-4819-OUT-15-024

Susan A. Lebo, PhD
Oahu Lead Archaeologist
State Historic Preservation Division
Department of Land and Natural Resources
State of Hawaii
601 Kamokila Boulevard, Room 555
Kapolei, Hawaii 96707

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments, Log No. 2013.7101, Doc No. 1402NN16

Dear Ms. Lebo,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issue was raised in your submittal:

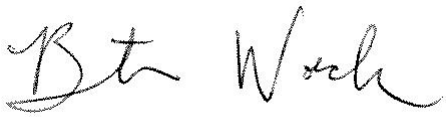
- The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. This topic will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

ESTHER KIA`AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
STATE HISTORIC PRESERVATION DIVISION
601 KAMOKILA BOULEVARD, ROOM 555
KAPOLEI, HAWAII 96707

February 20, 2014

Brita Woeck
Tetra Tech, Inc.
737 Bishop St. Suite 2340
Honolulu, Hawaii 96813-3484

LOG NO: 2013.7101
DOC NO: 1402NN16
Archaeology

Dear Ms. Woeck,

SUBJECT: **Chapter 6E-42 Historic Preservation Review –**
Environmental Impact Statement Preparation Notice for Na Pua Makani Wind Farm
Kahuku Ahupuaʻa, Koʻolauloa District, Island of Oʻahu
TMK: (1) 5-6-008:006, 5-6-006:018

ACK

Thank you for the opportunity to review and comment of the EIS being prepared for the Na Pua Makani Wind Farm. Our office received your letter on December 20, 2013. According to the information you provided, Chaplin Hawaii Wind Holdings proposes to construct up to 15 turbines and supporting infrastructure anticipated to include met towers, access roads, wind turbine assembly lay down areas, overhead and underground transmission and collector lines, an on-site substation, and operation and maintenance buildings. The proposed EIS will analyze the potential impacts of the proposed wind farm. The project area lies on 685 acres of land in Kahuku, a portion of which is state land.

A joint Federal and State Habitat Conservation Plan will be prepared in anticipation of project proponents seeking an Incidental Take Permit from the U.S. Fish and Wildlife Service and an Incidental Take License from the State Department of Land and Natural Resources Division of Forestry and Wildlife. In addition, federal funding may be pursued as the project evolves. For these reasons, the proposed project may be a federal undertaking that may also require historic preservation review under Section 106 under the National Historic Preservation Act. Our office recommends that you conduct Section 106 consultation concurrently with Hawaii Revised Statutes (HRS) 6E-42.

Our records indicate that in 1992 Cultural Survey Hawaii (CSH) surveyed a portion of the proposed project area (Stride, Craddock and Hammatt 2003). Although sites were encountered, they were not described. This study predates the current regulations and does not conform with Hawaii Administrative Rules (HAR) §13-276. In 2009, International Archaeological Research Institute, Inc. conducted archival research for TMK: (1) 5-6-008:006 (Morrison 2009) in preparation for the Oahu Wind Partners wind farm (also called Na Pua Makani); no field work was conducted.

REG 3

SHPD recommends that an archaeological inventory survey (AIS) be conducted of the entire proposed project area in order to identify any historic properties and, if necessary, to determine an appropriate course of action. We look forward to the opportunity to review and accept an AIS report that meets the standards of HAR §13-276 and *The Secretary of the Interior's Standards for Archaeological Documentation*, which shall include information on the presence, appearance, significance, integrity and boundaries of each historic property sufficient to permit an evaluation of its significance. The identification effort should include consultation with Native Hawaiian Organizations (NHOs) pursuant to 36 CFR Part 800.4(a)(4). For the level of effort identified in 36 CFR Part 800.4(b)(1), we recommend the field survey include identification of areas of ground disturbance, and background research for areas of potential visual impacts, in addition to consultation with NHOs. We look forward to the opportunity to consult on the significance evaluations [36 CFR Part 800.4(c)], assessment of project effects [36 CFR Part 800.5] and, if necessary, resolution of adverse effects [36 CFR Part 800.6] for any historic properties located

REG 3

within the APE. Also, 36 CFR Part 800 mandates that NHOs be provided the opportunity to consult on each of these review phases.

ACK

Please contact Deona Naboa at (808) 692-8015 or at Deona.Naboa@hawaii.gov if you have any questions or concerns regarding this letter.

Aloha,

Susan A. Lebo

Susan A. Lebo, PhD
Oahu Lead Archaeologist

April 1, 2015 TTCES-4819-OUT-15-025

Dee Dee Letts
P.O. Box 524
Kaaawa, HI 96730
Ddletts@lava.net

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Letts,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- The existing condition of the land and land uses within the wind farm site should be addressed.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- Would like to see more detail on the Proposed Action and Project components (in text and represented graphically), including: wind turbine components, specifications, and materials needed for construction of turbines; turbine upgrades (if needed); the locations of turbines, collection lines, and point of interconnection; access road construction and maintenance; plans for turbine operations and maintenance; and plans for decommissioning and site restoration.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

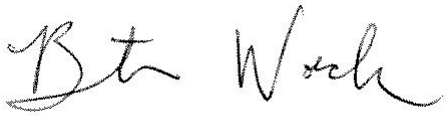
- Compliance with both the NEPA and HEPA processes for public scoping and outreach, that community members and agencies have been adequately consulted during scoping, and will continue to be consulted with during the entire planning process.
- Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures, should be identified.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Dorothy Letts** <ddletts@lava.net>
Date: Fri, Dec 6, 2013 at 6:17 AM
Subject: Napua makani
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>

PRO 1
PRO 3
REG 1
WIL 1
LAN 1

This email is regarding the proposed napua makani wind farm. I am opposed to the project for the following reasons that have not been adequately addressed. One the impacts on surrounding residences and community institutions. There have been issues regarding this issue with the current wind farm and they relocated some of their windmills in the community consultation phase for this reason. Two lack on a scientifically established and adopted buffer zone between these use and residential, institutional, and commercial uses. Three Impacts on the bird sanctuary. Fourth this developer has not adequately consulted with the Neighborhood Board or the impacted community.

Dee Dee Letts
Kaaawa resident
30 year member of the Koolauloa Neighborhood Board
PO Box 524
Kaaawa, Hi 96730
Ddletts@lava.net
Sent from my iPad

April 1, 2015 TTCES-4819-OUT-15-026

Wendell Lum
Delivered in-person (no contact information available)

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Lum,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue topics. Summary response statements were then created to address the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to the summary responses.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.

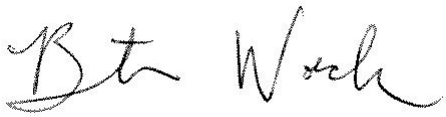
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8696 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to voice your concerns about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

Subject: Na Pua Makani HCP and EIS

To: Mike Cutbirth c/o Tetra Tech @ 737 Bishop Street, Suite 2340, Honolulu, Hi 96813

ACK

According to HB 1726 HD1 SD2 CD1 RELATING TO ENERGY Act 151 (06/25/12

Amends Act 253, session laws of 2007, establishing the energy systems development special fund to develop an integrated approach and portfolio management of renewable energy project that will reduce Hawai'i dependence on fossil fuel and imported oil and other imported energy resources and move Hawai'i toward energy self sufficiency by extending the sunset date. – HB1726 CD1

Environmental impact of wind power

copied portion of Page 6 of 10

From Wikipedia, the free encyclopedia

Noise annoyance

DAT 1

In 2011, the British Acoustics Bulletin published the 10th independent review of the evidence on wind farms causing annoyance and ill health in people. And for the 10th time it has emphasised that "annoyance has far more to do with social and psychological factors in those complaining than any direct effect from sound or inaudible infrasound emanating from wind turbines". Two factors repeatedly came up. "The first is being able to see wind turbines, which increases annoyance particularly in those who dislike or fear them. The second factor is whether people derive income from hosting turbines, which miraculously appears to be a highly effective antidote to feeling of annoyance and symptoms".

DAT 1

A 2009 expert panel review, sponsored by the Canadian Wind Energy Association and American Wind Energy Association, delved into the possible adverse health effects of those living close to wind turbines. Their 85-page report concluded that wind turbines do not directly make people ill. The study did allow that some people could experience stress or irritation caused by the swishing sounds wind turbines produce. "A small minority of those exposed report annoyance and stress associated with noise perception…"{however} "Annoyance is not a disease." The study group pointed out that similar irritations are produced by local and highway vehicles, as well as from industrial operations and aircraft.

The 2009 study panel members included: Robert Dobie, a doctor and clinical professor at the University of Texas, Geoff Leventhall, a noise vibration and acoustics expert in the United Kingdom, Bo Sondergaard, with Danish Electronics Light and Acoustics, Michael Seilo, a professor of audiology at Western Washington University, and Robert McCunney, a biological engineering scientist at the Massachusetts Institute of Technology. McCunney contested statements that infrasounds from wind turbines could Create vibrations causing ill health: "It doesn't really have much credence, at least based on the literature out there" he stated The academic and medical experts who conducted the study stated that they reached their conclusions independent of their sponsors. "We

DAT 1

were not told to find anything," said panel expert David Colby, a public health officer in Chatham-Kent and a Professor of Medicine at the University of Western Ontario, "It was completely open ended."

Eighteen research reviews about wind turbines and health, published since 2003, all showed that there was very little evidence that wind turbines were harmful in any direct way. Simon Chapman, professor of public health at Sydney University said that if wind farms did genuinely make people ill there would by now a large body of medical literature that would preclude putting them near populated areas. But this is not the case. Sickness being attributed to wind turbines is more likely to be caused by people getting alarmed at the health warnings circulated by activists. Complaints of illness were far more prevalent in communities targeted by anti-wind groups. Chapman's report concludes "that illnesses being blamed on windfarms are more than likely caused by the psychological effect of suggestions that the turbines make people ill, rather that by the turbines themselves."

Nina Pierpont, a New York pediatrician and wife of an anti-wind energy activist, states that noise can be an important disadvantage of wind turbines, especially when building the wind turbines very close to urban environments. The controversy around Pierpont's work centers around her statements made in a self-published non-peer-reviewed book that ultra-low frequency sounds affect human health, which are based on a very small sample of self-selected subjects with no control group for comparison. She asserts that wind turbines affect the mood of people and may cause physiological problems such as insomnia, headaches, tinnitus, vertigo, vertigo and nausea. Simon Chapman has said that "wind turbine syndrome" is not recognized by any database. He says that the term appears to be spread by anti-wind farm activist groups. The 2009 expert panel review found that "wind turbine syndrome" symptoms are the same as those seen in the general population due to stresses of daily life, and include headaches, insomnia, anxiety, and dizziness.

A 2007 report by the U.S. National Research Council noted that noise produced by wind turbines is generally not a major concern for humans beyond a half-mile or so. Low-frequency vibration and its effects on humans are not well understood and sensitivity to such vibration resulting from wind-turbine noise is highly variable among humans. There are opposing views on this subject, and more research needs to be done on the effects of low-frequency noise on humans.

In a 2009 report about "Rural Wind Farms", a Standing Committee of the Parliament of New South Wales, Australia, recommended a minimum setback of two kilometers between wind turbines and neighbouring houses (which can be waived by the affected neighbor) as a precautionary approach. In July 2010, Australia's National Health and Medical Research Council reported that "there is no published scientific evidence to support adverse effects of wind turbines would require a noise study.

In Ontario, Canada, the Ministry of the Environment created noise guidelines to limit wind turbine noise levels 30 metres away from a dwelling or camp site to 40

DAT 1

dB(A). These regulations also set a minimum distance of 550 metres (1800 feet) for a group of up to five relatively quiet {102 dB(A)} turbines within a 3-kilometre (1.9 mi) radius, rising to 1,500 metres (4,900 ft) for a group of 11 to 25 noisier (106-107 dB(A)) turbines. Larger facilities and noisier turbines would require a noise study.

A 2008 guest editorial in *Environmental Health Perspectives* published by the National Institute of Environmental Health Sciences, the U.S. National Institutes of Health, stated: Even seemingly clean sources of energy can have implications on human health. Wind energy will undoubtedly create noise, which increases stress, which in turn increases the risk of cardiovascular disease and cancer.

Modern wind turbines produce significantly less noise than older designs. Turbine designers work to minimize noise, as noise reflects lost energy and output. Noise levels at nearby residences may be managed through the siting of turbines, the approvals process for wind farms, and operational management of the wind farm.

In conclusion:

Because of noise annoyance the guidelines to limit wind turbine noise levels in Ontario, Canada, the Ministry of the Environment created noise guidelines to limit wind turbine noise levels 30 metres away from a dwelling or camp site to 40 dB. These regulations also set a minimum distance of 550 metres (1800 feet) for a group of up to five relatively quiet {102 dB} turbines within a 3-kilometre (1.9 mi) radius, rising to 1,500 metres (4,900 ft) for a group of 11 to 25 noisier (106-107 dB) turbines. Larger facilities and noisier turbines would require a noise study.

ACK

Note:

There is an existing 12-turbine wind farm on the north and the new proposed 15-turbine project on the south. The Koolauloa Neighborhood Board recently passed a resolution that no turbine be located closer than 3/4 mile, or about 4,000 feet from the nearest home for the proposed project.

Introduced by: Wendell Lum

Copy to Department of Planning & Permitting; Mike Cutbirth of Champlin Wind; and Rep. Richard Lee Fale; Rep. Cynthia Thielen; Rep. Chris Lee; Rep. Ty J.K. Cullen; Rep. Faye P. Hanohano; Rep. Denny Coffman; Rep. Nicole E. Lowen; Rep. Cindy Evans; Rep. Derek S.K. Kawakami

April 1, 2015 TTCES-4819-OUT-15-027

Ralph Makaiau
56134 Pualalea St
Kahuku, HI 96731
rmakaiau@hawaii.rr.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Makaiau,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comment and testimony from the public scoping meeting. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal and verbal testimony:

- Fire hazards associated with the Project's construction and operation including facility electrical failure and the identification of appropriate safety measure to address fire preparedness and emergency response.
- The existing condition of the land and land uses within the wind farm site.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- Would like to see more detail on the Proposed Action and Project components (in text and represented graphically), including: wind turbine components, specifications, and materials needed for construction of turbines; turbine upgrades (if needed); the locations of turbines, collection lines,

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

and point of interconnection; access road construction and maintenance; plans for turbine operations and maintenance; and plans for decommissioning and site restoration.

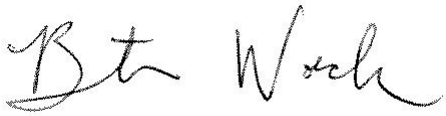
- The City and County of Honolulu setback distance regarding proximity of wind turbines to residences is insufficient and must be updated to reflect safe distances.
- How the Project would affect homeowners' ability to install photovoltaic systems.
- How would the Project contribute to a savings on the electrical bills of local residents, and how soon once the Project is operational could residents begin to see any potential savings.
- Water resources impacts including water sources for the Project, sediment run-off, and potential effects to coastal zones should all be analyzed in the EIS.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

Na Pua Makani Wind Project EIS Public Scoping Meeting

Ways to Provide Comments

DEADLINE for submitting comments is January 22, 2014.

- Oral comments will be received at the scoping meeting
- Written comment form available at this scoping meeting
- E-mail: NaPuaMakanihcp@fws.gov
  (Include "Na Pua Makani HCP and EIS" in the subject line of the message)
- U.S. Mail: Mike Cutbirth, c/o Tetra Tech 737 Bishop Street, Suite 2340, Honolulu, Hawaii 96813
- In-Person Drop-off, Viewing, or Pickup: Written comments will be accepted at the public scoping meeting on January 10, 2014 at the Kahuku Community Center, or can be dropped off during regular business hours at the above address; or
- Fax: (808) 836-1689, Attn.: Mike Cutbirth

Ralph K. Makaian [56134 Puakea St. Kahuku 96731]
rmakaian@hawaii.rr.com [Kahuku Sub District #1 resident]

"I do not support NaPuaMakani as presented because:
1. lack of regulatory safe buffer zone to R5 zone.
2. residental application quota impact.
3. assurance of power quality."

[redacted]

4. environmental ground baseline testing at stream outlets

Ralph 01-10-14

REG 2

SOC 4

ACK

WAT 1

April 1, 2015 TTCES-4819-OUT-15-028

Kent Fonoimoana
Makani Pono ʻo Kahuku
PO Box 122
Laie, HI 96762
kent@trisland.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Fonoimoana,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period on behalf of Makani Ponoʻo Kahuku. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- An alternate location for the Project should be analyzed (e.g. moving turbines further inland, different location on Oahu) due to the current Project's close proximity to the community and schools.
- Proper consultation is conducted between the USFWS and Native Hawaiian people and mitigation measures are developed for potential impacts to cultural resources.
- Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.
- Recommended visual simulations of the Project be included in the EIS.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

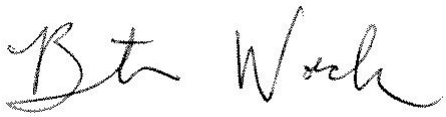
- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- Safety impacts to community members related to wind turbine mechanical issues, such as blade throw or turbine collapse should be discussed and analyzed.
- The threat of natural disasters, including hurricanes, tsunamis, and earthquakes, and how these events could in turn threaten the health and safety of nearby communities through the collapse of turbine towers or blade throw should be discussed and analyzed.
- Noise from the wind turbines associated with construction and operation of the Project impacting sensitive receptors.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- Would like to see more detail on the Proposed Action and Project components (in text and represented graphically), including: wind turbine components, specifications, and materials needed for construction of turbines; turbine upgrades (if needed); the locations of turbines, collection lines, and point of interconnection; access road construction and maintenance; plans for turbine operations and maintenance; and plans for decommissioning and site restoration.
- The City and County of Honolulu setback distance regarding proximity of wind turbines to residences is insufficient and must be updated to reflect safe distances.
- The construction and operation of the Project must be in compliance with all federal, state, and regulations; Champlin must obtain applicable federal, state, and county permits.
- Concerned about the details of the community benefits package.
- Concern over how the Project would affect homeowners' ability to install photovoltaic systems.
- Concern that the Project would impact the quality of life for nearby communities.
- Concern that the Project would lower property values and make it harder for homeowners to sell homes that are in close proximity to the turbines.
- Water resources impacts including water sources for the Project, sediment run-off, and potential effects to coastal zones should all be analyzed in the EIS.
- Avian and bat impacts, including potential cumulative impacts resulting from existing and future wind projects should be discussed and analyzed. Comprehensive pre-construction and post-construction mortality monitoring surveys should be conducted.
- Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures, should be identified.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

ACK

---------- Forwarded message ----------
From: **Kent Fonoimoana-TRIsland** <kent@trisland.com>
Date: Tue, Jan 21, 2014 at 2:44 PM
Subject: Na Pua'a Makani HCP, EIS
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>, "contact@champlinwind.com" <contact@champlinwind.com>, "william.j.aila@hawaii.gov" <william.j.aila@hawaii.gov>, "Brita.Woeck@tetratech.com" <Brita.Woeck@tetratech.com>

Aloha,

Please accept the comments on the proposed Kahuku Champlin Wind energy project as provided by Makani Pono 'o Kahuku.

Kent Fonoimoana
Makani Pono 'o Kahuku
#808-294-9991

January 22, 2014
EISPN response questions from Makani Pono ‘o Kahuku

Representive for Makani Pono ‘o Kahuku –
Kent Fonoimoana
PO Box 122
Laie, Hawaii 96762
Email: Kent@TRIsland.com
808-294-9991

Mike Cutbirth, Champlin Hawaii Wind Holdings, LLC
contact@champlinwind.com

William Aila, Department of Land and Natural Resources
william.j.aila@hawaii.gov

Brita Woeck, Tetra Tech, Inc.
Brita.Woeck@tetratech.com

Loyal Mehrhoff or Aaron Nadig, U.S. Fish and Wildlife Service
NaPuaMakanihcp@fws.gov

Re: Na Pua Makani Wind Project (EISPN)

ACK

Makani Pono ‘o Kahuku herein submits scoping questions for the Na Pua Makani Wind Project Environmental Impact Statement Preparation Notice

DAT 2

1. Has Champlin provided accurate renditions of the proposal from multiple view locations? If not, can they please provide the Kahuku community and the public with virtual renditions of the project from 360 degrees?

DAT 1
PRO 3

2. Please provide a map showing planned roads and planned turbine sites.

WAT 1

3. Please show on one map the projects detailed plans to mitigate flooding and runoff.

SOC 2

4. If this project moves forward, how will that impact homeowner’s ability to install PV? Please provide an explanation from HECO of the clear and accurate impacts to homeowners who wish to install PV systems.

SOC 1	5. When comparing the Champlin community benefit package to the potential private rate payer's savings lost due to HECO restrictions on renewables, which number is greater?
SOC 1	6. What is the cost of the community benefits package as a percentage of the total construction cost? Anticipated annual revenues of Champlin? Anticipated tax revenue for the state?
SOC 2	7. If every home in Ko'olauloa had PV installed, what would be the impact on this wind energy project?
SOC 2	8. What are the impacts to ratepayers who wish to install PV under current HECO restrictions identical to those imposed on communities without wind energy? Is HECO willing to substantiate your answer? According to a public statement made by Mike Cutbirth, there will be no impacts on PV installations caused by his proposal. Can Champlin's CEO Mike Cutbirth back this statement up using HECO's statistics? If not, how did he arrive at this conclusion?
PRO 3	7. In Champlin's documents, a third phase is mentioned which is an additional 45 megawatt addition to the project. Please show on a map the intended location of phase III.
DAT 1 HAZ 1	8. Please provide a computer generated video rendition of what may occur should the project be involved in an 'Iniki or 'Iwa type hurricane event. Include the existing Firstwind facility in your rendition. Also, in this rendition, please include all possible scenarios from 360 degrees. Additionally, please include scenarios where the facility has lost its ability to communicate with the control center and the turbines are unable to be manipulated.
HAZ 1	9. Champlin has stated that the turbines have been designed to withstand hurricanes. Has any of Champlin's turbines been involved in an 'Iniki of 'Iwa like hurricane?
HAZ 1 HAS 2	10. Although Champlin's Mike Cutbirth publically denies personal knowledge of a single turbine blade failure event, what is the possible distance turbine blades or any turbine component can travel in the event of a hurricane?
ALT 2	11. Regardless of location ownership, Can you please provide an island wide site study showing the most preferable and more feasible locations for wind turbines based on wind profiles alone? Can you include locations where there will be little or no impacts to PV installation by private homeowners?
WIL 1 WIL 3	12. Can you please provide details about how Champlin has dealt with endangered and threatened species, Incidental Take Permits and Incidental Take Licenses on its other projects, both in the U.S. and elsewhere? In addition to studying the impacts on endangered avian species, will there be a complete study

WIL 1
WIL 3

on the impacts on other native species like the Frigate bird ('Iwa), Wedge Tailed Shearwater (Ua Kani), Hawaiian Petrel and others? Specifically, how are these studies to be conducted and by who?

ACK

13. The previous developer made certain representations and commitments to the community. One of these was to stop efforts to implement the proposal if the community opposed it. Does Champlin plan on honoring this commitment to the Kahuku community?

DAT 1

14. Champlin's CEO, Mike Cutbirth is the former CEO of the American Wind Energy Association (AWEA) as well as a former ENRON executive. Champlin recently brought in Dr. McCunney, a paid AWEA consultant, to address the community's concerns regarding health impacts imposed on folks living in close proximity to Industrial Wind Turbines (IWT's). McCunney acknowledged that IWT's are indeed an annoyance but in his opinion -do not cause disease. Will this process include entertaining other opposing views such as this comment by Dr. Michael A. Nissenbaum, MD - November 5, 2013 Industrial wind turbines, human variability, and adverse health effects New England College of Occupational and Environmental Medicine - Michael A. Nissenbaum, MD - November 5, 2013. Dr. Michael Nissenbaum, who conducted extensive research into the effects of audible wind turbine noise on sleep disturbance, has written a paper that explains his findings to other medical professionals who are unaware of the issue. The summary of his paper follows:

SUMMARY

In summary, in many IWT projects, the preconstruction sound modeling has underestimated the eventual real world sound levels those turbine projects eventually produce. When coupled with the underappreciated human physiological responses to the type of noise large turbines produce (adverse sleep and mental health effects), this has had real world consequences for those living near them. The relationship of noise to sleep disturbances is established. The biological plausibility of sleep disturbances resulting in ill health is settled science. Chronic noise exposure leads to chronic sleep disturbance in many of those exposed, often resulting in ill health. Observed adverse human effects must trump preconstruction sound modeling; changes in practice must occur when there are errors. It's all about distance when siting decisions are made.

REG 2
REG 3

15. What are the industry recommended optimal distances placed between each turbine? What are the complete scientific and engineering rationale for these recommended distances? Are these distances greater or less than City and County of Honolulu set back distances?

PRO 1
HAS 1

16. There are numerous wind energy facilities in place around the world. The vast majority of health and quality of life complaints come from people who live in close proximity to IWT's - similar to the distances Kahuku community will be from Champlin's turbines. If we are to benefit from wind energy, would it not benefit all to place these machines further away from residential communities? Would greater set back distances mitigate most health or other complaints?

HAS 1

17. If the facility is built and later found to contribute to health issues associated with IWT's, what mitigating plans or response can the community expect? Are Champlin, the State of Hawaii and the private land owner's involved prepared to address preventable impacts? Would it be reasonable for the impacted community to take legal action against any entity involved in this project? Before and after implementation?

PRO 1

18. Champlin has stated that the nearest turbine will be 2100 feet removed from the nearest residence. What is the exact distance from the Elementary and High schools? Community boundary? Also, in examining distances from our community residences, does that include the Patsy and Lee Colburn residence?

NOI 1

19. Will there be audible sounds noticeable from the schools? Community? What will be infra-sound levels be at the schools? Community?

HAS 1

20. Sound engineers have developed devices specifically used to disperse crowds using subsonic sounds similar if not identical to the type of sound generated by wind turbines. This same type of sound is utilized in small home devices intended to drive away pests like rodents, cockroaches and the like. If this type of sound has been developed to cause distress, would it not be safe to conclude that IWT generated infrasound has negative impacts on humans living in close proximity to IWT's?

PRO 3

21. When decommissioning the turbines, have/will funds be/been set aside for this purpose? Will these components be placed in local landfills or taken out of state for disposal or recycling? Will the parcels be 100% fully returned to their previous state? If not, why?

CUL 3

22. Will planning and pre-construction include Ko'olauloa based and approved native Hawaiian cultural consultants? What are Champlin's mitigation plans should culturally significant sites be discovered? Should any dispute arise, will

CUL 3

there be a fair dispute resolution process developed that allows the issue to be fully explored from the Ko'olauloa community's perspective?

ACK

23. If HECO switched to utilizing LNG to generate electricity, would the power generated be more of less per kilowatt hour than wind? Taking wind out of the equation, would the addition of LNG be less or more costly to O'ahu ratepayers?

24. The previous developer of this project, Keith Avery of West Wind Works, made several representations to the Kahuku community. One such promise he made was that all residents within the Kahuku State Agricuture Park would receive free electricity when the project comes on line. This promise was made in the presence of the manager of the Kahuku State Agriculture Park, multiple lessees of the park, and several community members including current representatives of Makani Pono 'o Kahuku. Can HECO and the State Dept. of Agriculture confirm this offer? Another representation Mr. Avery made was that if the community opposed this project, he would cease his attempt to develop the project. Is Champlin willing to honor this? Why?

SOC 1

25. Since West Wind Works has since passed this project on to Champlin, is Champlin required to re-examine and support previous commitments made by WestWind Works? If not, would it be fair to say that the developer is employing less than credible bait and switch tactics?

DAT 1

26. Since West Wind Works did all the preliminary footwork for Champlin, is the previous Environmental Assessment of 2008 (EA 2008) still valid?

DAT 1

27. There have been significant alterations to the project as detailed in the EA 2008. Does this negate or have any effect on the findings of the EA 2008?

SOC 5

28. Many communities across the country are learning that there are impacts to private property values as well as salability of homes in close proximity to wind energy facilities. Some municipalities are requiring wind energy developers to place monies in an escrow fund set up to compensate impacted private property owners. Should the accepting agencies develop a plan to institute this practice that is designed to protect private property owners, will Champlin oppose such efforts?

SOC 3

29. Are there plans to study the impacts this project will have on the collective psyche of the Kahuku community? If not - why not? If yes, who and how will the study be conducted?

Regards,

Makani Pono 'o Kahuku

April 1, 2015 TTCES-4819-OUT-15-029

Marvin Kaleo Manuel
Acting Planning Program Manager
Department of Hawaiian Home Lands
PO Box 1879
Honolulu, HI 96805

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Manuel,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. As there were no issues raised in your submittal that fall within the scope of the EIS analysis, your letter has been coded as "Comment Acknowledged."

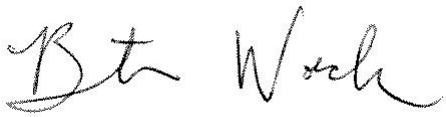
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

NEIL ABERCROMBIE
GOVERNOR
STATE OF HAWAII

JOBIE M. K. MASAGATANI
CHAIRMAN
HAWAIIAN HOMES COMMISSION

DARRELL T. YOUNG
DEPUTY TO THE CHAIRMAN

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS
P. O. BOX 1879
HONOLULU, HAWAII 96805

January 17, 2014

TETRA TECH, INC.
Attn: Brita Woeck
737 Bishop Street,
Mauka Tower, Suite 2340
Honolulu, Hawaii 96813

Dear Birta Woeck:

Subject: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai'i

ACK

Thank you for the opportunity to review the subject EISPN. The Department of Hawaiian Home Lands has no comment to offer at this time. If you have any questions, please contact our Planning Office at 620-9480.

Aloha,

Marvin Kaleo Manuel,
Acting Planning Program Manager

April 1, 2015 TTCES-4819-OUT-15-030

Kealoha Mercurio
mountaintodaocean@yahoo.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Mercurio,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Protection of Native Hawaiian cultural sites and burial grounds, and preservation of culturally-significant lands.
- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.

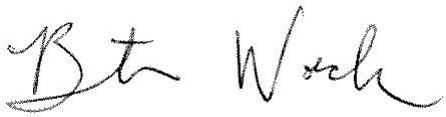
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Julio Mercurio** <mountaintodaocean@yahoo.com>
Date: Thu, Dec 5, 2013 at 7:44 PM
Subject: "Na Pua Makani HCP and DEIS"
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>

Aloha,

CUL 1
HAS 1
PRO 1
VIS 1

I am speaking on behalf of all the Kahuku residents that are not aware of this project being put into action. These wind turbines will take away from the beautiful country scenery that we all love and there have also been studies suggesting that there are terrible health problems that are linked to them. These wind turbines are being proposed too close to our schools and community, for us to find out the hard way that those studies were correct. Also, the land that is proposed to be desecrated for the development of these wind turbines have great purpose and significance in the NATIVE HAWAIIAN COMMUNITY in Kahuku. It is not right to have people who are not connected to the ʻāina (land) in this specific ahupuaʻa (land division) to say it is okay to go on with development, because as a Native Hawaiian with a love for this land, IT IS NOT okay to build a wind farm on this land!!!! I humbly ask you to think with your hearts and not with your wallets….

Mahalo
Kealoha Mercurio

April 1, 2015 TTCES-4819-OUT-15-031

Delsa Moe
55-706 E Wahinepee St.
Laie, HI 96762
kekamoe@gmail.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Delsa Moe,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your comments; every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Would like to see alternative energy solutions analyzed, including solar, geothermal, personal photovoltaic systems, and geothermal as part of the alternatives analysis.
- The alternatives analysis should include a reasonable range of alternatives, and should describe how alternatives were developed and also how they were eliminated from further analysis.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.

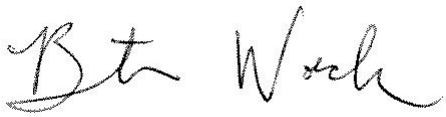
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Delsa Moe** <kekamoe@gmail.com>
Date: Thu, Nov 14, 2013 at 11:26 PM
Subject: Na Pua Makani HCP and DEIS
To: napuamakanihcp@fws.gov

ACK

I am a resident of Laie and I oppose the additional windmills being proposed for the Kahuku area for the following reasons:

PRO 1
ALT 3
VIS 1

1. The proposed location for these windmills is too close to the school and the residential community.
2. We already have enough windmills in our area -- any more would be overkill for this small area.
3. These machines are huge and they overpower the rural beauty of this land. The worst example of this are the ones that appear above pristine Waimea Valley. In an attempt to save the environment by providing alternative energy, these gigantic turbines have ruined the beauty of that unique place because of their location. The current windmills in Kahuku are located away from the residential area and placed in an area not known for it's picturesque views so they are less of an eyesore than the ones being proposed behind the high school.

ALT 1

Please find another location or another source of providing alternative energy.

--
Delsa Moe
55-706 E Wahinepee St
Laie, HI 96762

TETRA TECH

April 1, 2015 TTCES-4819-OUT-15-032

Steve Molmen
Supervising Land Agent, Land Division
Department of Land and Natural Resources
State of Hawaii
1151 Punchbowl Street, Suite 220
Honolulu, HI 96809-0621

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Molmen,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received the written comments you submitted from several DLNR Divisions, including the Land Division – Oahu District, State Parks, Office of Conservation & Coastal Lands, Engineering Division, and Commission on Water Resource Management. Every letter from agencies and the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

The DLNR comment submissions are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in the DLNR submittals:

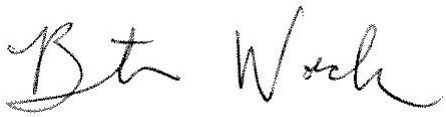
- Would like to see mitigation measures and Best Management Practices related to water resources, including water quality, landscape irrigation, and stormwater management.
- The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.
- Water resources impacts including water sources for the Project, sediment run-off, and potential effects to coastal zones should all be analyzed in the Environmental Impact Statement.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: <Steve.Molmen@hawaii.gov>
Date: Thu, Jan 23, 2014 at 9:21 AM
Subject: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i
To: NaPuaMakanihcp@fws.gov

ACK

Dear Mr. Cutbirth,

Attached, please find our comments on the subject project. No hard copy will be sent.

Best regards,

Steve Molmen, Supervising Land Agent
Land Division
Department of Land and Natural Resources
State of Hawaii
1151 Punchbowl Street, Suite 220
Honolulu, HI 96809-0621
Tel.: (808) 587-0439
Fax: (808) 312-6357
Email: steve.molmen@hawaii.gov

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NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

January 21, 2014

Mr. Mike Cutbirth
c/o Tetra Tech, Inc.
737 Bishop St., Suite 2340, Mauka Tower
Honolulu, HI 96813

via email: NaPuaMakanihcp@fws.gov

Dear Mr. Cutbirth,

SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i

ACK

Thank you for the opportunity to review and comment on the subject matter. The Department of Land and Natural Resources' (DLNR) Land Division distributed or made available a copy of your report pertaining to the subject matter to DLNR Divisions for their review and comments.

At this time, enclosed are comments from (1) Land Division – Oahu District; (2) Division of State Parks; (3) Office of Conservation & Coastal Lands; (4) Engineering Division; and (5) Commission on Water Resource Management. No other comments were received as of our suspense date. Should you have any questions, please feel free to call Supervising Land Agent Steve Molmen at 587-0439. Thank you.

Sincerely,

Russell Y. Tsuji
Land Administrator

Enclosure(s)

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

December 20, 2013

MEMORANDUM

TO: **DLNR Agencies:**
___Div. of Aquatic Resources
___Div. of Boating & Ocean Recreation
_X_ Engineering Division
_X_ Div. of Forestry & Wildlife
_X_ Div. of State Parks
_X_ Commission on Water Resource Management
_X_ Office of Conservation & Coastal Lands
_X_ Land Division – Oahu District
_X_ Historic Preservation

FROM: Russell Y. Tsuji, Land Administrator
SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i
LOCATION: Kahuku, Hawai`i,
APPLICANT: Champlin Hawaii Wind Holdings, LLC by Tetra Tech, Inc.

ACK

Transmitted for your review and comment on the above-referenced document. If we have not provided you with one of the limited number of CD's, the document can be found here:

1. Go to: https://sp01.ld.dlnr.hawaii.gov/LD
2. Login: Username: LD\Visitor Password: 0pa$$word0 (first and last characters are zeros)
3. Click on: Requests for Comments
4. Click on the subject file "Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i" then click on "Files" and "Download a copy".

We would appreciate your comments on this document. Please submit any comments by January 21, 2014. If no response is received by this date, we will assume your agency has no comments. If you have any questions about this request, please contact Supervising Land Agent Steve Molmen at (808) 587-0439. Thank you.

Attachments

REG 3

Comments:
Any improvements on the State land requires a disposition from the Board. We have no objections.

(✓) We have no objections.
( ) We have no comments.
(✓) Comments are attached.

Signed: T Chee
Print Name: Jimmy Chee
Date: 1/9/2014

cc: Central Files

55957

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

RECEIVED
STATE PARKS DIV

'13 DEC 23 A10:59

DEPT OF LAND & NATURAL RESOURCES

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

December 20, 2013

MEMORANDUM

RECEIVED
LAND DIVISION
2014 JAN -2 PM 2:46
DEPT. OF LAND & NATURAL RESOURCES
STATE OF HAWAII

TO: **DLNR Agencies:**
__Div. of Aquatic Resources
__Div. of Boating & Ocean Recreation
X Engineering Division
X Div. of Forestry & Wildlife
X Div. of State Parks
X Commission on Water Resource Management
X Office of Conservation & Coastal Lands
X Land Division – Oahu District
X Historic Preservation

FROM: Russell Y. Tsuji, Land Administrator
SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i
LOCATION: Kahuku, Hawai`i,
APPLICANT: Champlin Hawaii Wind Holdings, LLC by Tetra Tech, Inc.

ACK

Transmitted for your review and comment on the above-referenced document. If we have not provided you with one of the limited number of CD's, the document can be found here:

1. Go to: https://sp01.ld.dlnr.hawaii.gov/LD
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3. Click on: Requests for Comments
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We would appreciate your comments on this document. Please submit any comments by January 21, 2014. If no response is received by this date, we will assume your agency has no comments. If you have any questions about this request, please contact Supervising Land Agent Steve Molmen at (808) 587-0439. Thank you.

Attachments

( ) We have no objections.
(✓) We have no comments.
( ) Comments are attached.

Signed: [signature]
Print Name: Daniel S. Quinn
Date: 12/30/13

cc: Central Files

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

2013 DEC 23 A 9:39

OFFICE OF CONSERVATION & COASTAL LANDS

DEPT. OF LAND & NATURAL RESOURCES STATE OF HAWAII

Conservation

December 20, 2013

MEMORANDUM

~~TO:~~ FROM

DLNR Agencies:
__Div. of Aquatic Resources
__Div. of Boating & Ocean Recreation
X Engineering Division
X Div. of Forestry & Wildlife
X Div. of State Parks
X Commission on Water Resource Management
X Office of Conservation & Coastal Lands
X Land Division – Oahu District
X Historic Preservation

2014 JAN -7 AM 9:58

DEPT. OF LAND & NATURAL RESOURCES STATE OF HAWAII

RECEIVED LAND DIVISION

TO:
~~FROM:~~ Russell Y. Tsuji, Land Administrator
SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i
LOCATION: Kahuku, Hawai`i,
APPLICANT: Champlin Hawaii Wind Holdings, LLC by Tetra Tech, Inc.

ACK

Transmitted for your review and comment on the above-referenced document. If we have not provided you with one of the limited number of CD's, the document can be found here:

1. Go to: https://sp01.ld.dlnr.hawaii.gov/LD
2. Login: Username: LD\Visitor Password: 0pa$$word0 (first and last characters are zeros)
3. Click on: Requests for Comments
4. Click on the subject file "Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i" then click on "Files" and "Download a copy".

We would appreciate your comments on this document. Please submit any comments by January 21, 2014. If no response is received by this date, we will assume your agency has no comments. If you have any questions about this request, please contact Supervising Land Agent Steve Molmen at (808) 587-0439. Thank you.

Attachments

Not in Conservation District.

( ) We have no objections.
(X) We have no comments.
( ) Comments are attached.

Signed: [signature]
Print Name: ALEX ROY
Date: 12-31-2013

cc: Central Files

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

December 20, 2013

RECEIVED
LAND DIVISION
2014 JAN 15 PM 2:57
DEPT. OF LAND & NATURAL RESOURCES STATE OF HAWAII

MEMORANDUM

TO: FR:

DLNR Agencies:
__Div. of Aquatic Resources
__Div. of Boating & Ocean Recreation
X Engineering Division
X Div. of Forestry & Wildlife
X Div. of State Parks
X Commission on Water Resource Management
X Office of Conservation & Coastal Lands
X Land Division – Oahu District
X Historic Preservation

TO:

FROM: Russell Y. Tsuji, Land Administrator
SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i
LOCATION: Kahuku, Hawai`i,
APPLICANT: Champlin Hawaii Wind Holdings, LLC by Tetra Tech, Inc.

Transmitted for your review and comment on the above-referenced document. If we have not provided you with one of the limited number of CD's, the document can be found here:

1. Go to: https://sp01.ld.dlnr.hawaii.gov/LD
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We would appreciate your comments on this document. Please submit any comments by January 21, 2014. If no response is received by this date, we will assume your agency has no comments. If you have any questions about this request, please contact Supervising Land Agent Steve Molmen at (808) 587-0439. Thank you.

Attachments

( ) We have no objections.
( ) We have no comments.
(✓) Comments are attached.

Signed: _____
Print Name: Carty S. Chang, Chief Engineer
Date: 1/14/14

cc: Central Files

ACK

REG 3

REG 3

REG 3

DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

LD/Russell Y. Tsuji
Ref.: EISPN for Na Pua Makani Wind Farm Project, Kahuku
Oahu.025

COMMENTS

( ) We confirm that the project site, according to the Flood Insurance Rate Map (FIRM), is located in Flood Zone ___.

(X) Please take note that the project site according to the Flood Insurance Rate Map (FIRM), is located in Zones X (shaded), AEF, AE, and A. The National Flood Insurance Program (NFIP) regulates developments within Zones X (shaded), AEF, AE, and A as indicated in bold letters below.

( ) Please note that the correct Flood Zone Designation for the project site according to the Flood Insurance Rate Map (FIRM) is ___.

(X) Please note that the project must comply with the rules and regulations of the National Flood Insurance Program (NFIP) presented in Title 44 of the Code of Federal Regulations (44CFR), whenever development within a Special Flood Hazard Area is undertaken. If there are any questions, please contact the State NFIP Coordinator, Ms. Carol Tyau-Beam, of the Department of Land and Natural Resources, Engineering Division at (808) 587-0267.

Please be advised that 44CFR indicates the minimum standards set forth by the NFIP. Your Community's local flood ordinance may prove to be more restrictive and thus take precedence over the minimum NFIP standards. If there are questions regarding the local flood ordinances, please contact the applicable County NFIP Coordinators below:

(X) Mr. Mario Siu Li at (808) 768-8098 or Ms. Ardis Shaw-Kim at (808) 768-8296 of the City and County of Honolulu, Department of Planning and Permitting.

( ) Mr. Frank DeMarco at (808) 961-8042 of the County of Hawaii, Department of Public Works.

( ) Mr. Carolyn Cortez at (808) 270-7813 of the County of Maui, Department of Planning.

( ) Mr. Stanford Iwamoto at (808) 241-4884 of the County of Kauai, Department of Public Works.

( ) The applicant should include project water demands and infrastructure required to meet water demands. Please note that the implementation of any State-sponsored projects requiring water service from the Honolulu Board of Water Supply system must first obtain water allocation credits from the Engineering Division before it can receive a building permit and/or water meter.

( ) The applicant should provide the water demands and calculations to the Engineering Division so it can be included in the State Water Projects Plan Update.

( ) Additional Comments: _____

( ) Other: _____

Should you have any questions, please call Mr. Dennis Imada of the Planning Branch at 587-0257.

Signed: _____
CARTY S. CHANG, CHIEF ENGINEER

Date: 1/14/14

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON

WILLIAM D. BALFOUR, JR.
KAMANA BEAMER
GARY L. GILL
MILTON D. PAVAO
JONATHAN STARR
TED YAMAMURA

WILLIAM M. TAM
DEPUTY DIRECTOR

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P.O. BOX 621
HONOLULU, HAWAII 96809

January 15, 2014

REF: RFD.3893.3

TO: Russell Tsuji, Administrator
Land Division

FROM: William M. Tam, Deputy Director
Commission on Water Resource Management

SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawaii

LOCATION: Kahuku, Hawaii
TMK NO.:

RECEIVED
LAND DIVISION
2014 JAN 22 AM 10: 13
DEPT. OF LAND & NATURAL RESOURCES
STATE OF HAWAII

Thank you for the opportunity to review the subject document. The Commission on Water Resource Management (CWRM) is the agency responsible for administering the State Water Code (Code). Under the Code, all waters of the State are held in trust for the benefit of the citizens of the State, therefore, all water use is subject to legally protected water rights. CWRM strongly promotes the efficient use of Hawaii's water resources through conservation measures and appropriate resource management. For more information, please refer to the State Water Code, Chapter 174C, Hawaii Revised Statutes, and Hawaii Administrative Rules, Chapters 13-167 to 13-171. These documents are available via the Internet at http://www.hawaii.gov/dlnr/cwrm.

Our comments related to water resources are checked off below.

☐ 1. We recommend coordination with the county to incorporate this project into the county's Water Use and Development Plan. Please contact the respective Planning Department and/or Department of Water Supply for further information.

☐ 2. We recommend coordination with the Engineering Division of the State Department of Land and Natural Resources to incorporate this project into the State Water Projects Plan.

☐ 3. We recommend coordination with the Hawaii Department of Agriculture (HDOA) to incorporate the reclassification of agricultural zoned land and the redistribution of agricultural resources into the State's Agricultural Water Use and Development Plan (AWUDP). Please contact the HDOA for more information.

MIT 2

☒ 4. We recommend that water efficient fixtures be installed and water efficient practices implemented throughout the development to reduce the increased demand on the area's freshwater resources. Reducing the water usage of a home or building may earn credit towards Leadership in Energy and Environmental Design (LEED) certification. More information on LEED certification is available at http://www.usgbc.org/leed. A listing of fixtures certified by the EPA as having high water efficiency can be found at http://www.epa.gov/watersense/.

MIT 2

☒ 5. We recommend the use of best management practices (BMP) for stormwater management to minimize the impact of the project to the existing area's hydrology while maintaining on-site infiltration and preventing polluted runoff from storm events. Stormwater management BMPs may earn credit toward LEED certification. More information on stormwater BMPs can be found at http://hawaii.gov/dbedt/czm/initiative/lid.php.

MIT 2

☒ 6. We recommend the use of alternative water sources, wherever practicable.

☐ 7. We recommend participating in the Hawaii Green Business Program, that assists and recognizes businesses that strive to operate in an environmentally and socially responsible manner. The program description can be found online at http://energy.hawaii.gov/programs/achieving-efficiency/green-business-program

MIT 2

☒ 8. We recommend adopting landscape irrigation conservation best management practices endorsed by the Landscape Industry Council of Hawaii. These practices can be found online at http://landscapehawaii.org/_library/documents/lich_irrigation_conservation_bmps.pdf

REG 3

☒ 9. There may be the potential for ground or surface water degradation/contamination and recommend that approvals for this project be conditioned upon a review by the State Department of Health and the developer's acceptance of any resulting requirements related to water quality.

Permits required by CWRM:
Additional information and forms are available at http://hawaii.gov/dlnr/cwrm/info_permits.htm.

REG 3

☒ 10. The proposed water supply source for the project is located in a designated water management area, and a Water Use Permit is required prior to use of water. The Water Use Permit may be conditioned on the requirement to use dual line water supply systems for new industrial and commercial developments.

☐ 11. A Well Construction Permit(s) is (are) required before any well construction work begins.

☐ 12. A Pump Installation Permit(s) is (are) required before ground water is developed as a source of supply for the project.

REG3

☒ 13. There is (are) well(s) located on or adjacent to this project. If wells are not planned to be used and will be affected by any new construction, they must be properly abandoned and sealed. A permit for well abandonment must be obtained.

☐ 14. Ground water withdrawals from this project may affect streamflows, which may require an instream flow standard amendment.

REG 3

☒ 15. A Stream Channel Alteration Permit(s) is (are) required before any alteration(s) can be made to the bed and/or banks of a stream channel.

☐ 16. A Stream Diversion Works Permit(s) is (are) required before any stream diversion works is (are) constructed or altered.

☐ 17. A Petition to Amend the Interim Instream Flow Standard is required for any new or expanded diversion(s) of surface water.

☐ 18. The planned source of water for this project has not been identified in this report. Therefore, we cannot determine what permits or petitions are required from our office, or whether there are potential impacts to water resources.

WAT 1

☒ OTHER:
Projected potable and non-potable water demands and the calculations for these estimates should be disclosed. The proposed source of water supply should be identified.

REG 3

There are 8 existing wells in on TMK 5-6-006:018, 4 of which are used for agriculture. If the Wind Farm requires use from any of these or other well sources in the area then existing ground water use permits will need to be modified or new ground water use permits obtained.

If there are any questions, please contact Roy Hardy at 587-0225.

April 1, 2015 TTCES-4819-OUT-15-033

Joshua Noga
54 130 Imua Place
Hauula, HI 96717
joshua.noga@gmail.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Noga,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submissions are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittals:

- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.

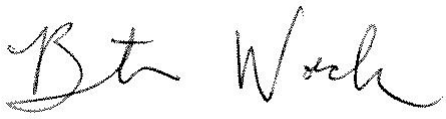
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Joshua Noga** <joshua.noga@gmail.com>
Date: Thu, Dec 5, 2013 at 10:06 AM
Subject: No more windmills
To: napuamakanihcp@fws.gov

Aloha,

PRO 1

My name is Joshua Noga husband/father of two and I live in Hauula my church is St. Roch Parish in Kahuku. I am writing to let you know that I oppose any more windmills in Kahuku especially those so close to our schools. The windmills already present are proof that Ko'olau Loa has already done more than its fair share toward creating alternative clean energy solutions for our state.

HAS 1

Not enough studies and information have been provided to the negative consequences of these windmills so close to schools and children. Noise pollution is also a big concern revealed in youtube testimonials from an island community in Maine who had windmills constructed on their island who regret that they allowed it.

ACK

We need a more balanced discussion regarding this matter mahalo for your kokua.

Joshua Noga
54 130 Imua Place
Hauula, HI 96717

---------- Forwarded message ----------
From: **Joshua Noga** <joshua.noga@gmail.com>
Date: Thu, Dec 5, 2013 at 10:07 AM
Subject: Na Pua Makani No more windmills
To: napuamakanihcp@fws.gov

Aloha,

PRO 1

My name is Joshua Noga husband/father of two and I live in Hauula my church is St. Roch Parish in Kahuku. I am writing to let you know that I oppose any more windmills in Kahuku especially those so close to our schools. The windmills already present are proof that Ko'olau Loa has already done more than its fair share toward creating alternative clean energy solutions for our state.

HAS 1

Not enough studies and information have been provided to the negative consequences of these windmills so close to schools and children. Noise pollution is also a big concern revealed in youtube testimonials from an island community in Maine who had windmills constructed on their island who regret that they allowed it.

ACK

We need a more balanced discussion regarding this matter mahalo for your kokua.

Joshua Noga
54 130 Imua Place
Hauula, HI 96717

TETRA TECH

April 1, 2015 TTCES-4819-OUT-15-034

Aliitasi Ponder
P.O. Box 360
Kahuku, HI 96731
tasiponder1@yahoo.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Aliitasi Ponder,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments and testimony from the public scoping meeting. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submissions are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittals and verbal testimony:

- An alternate location for the Project should be analyzed (e.g. moving turbines further inland, different location on Oahu) due to the current Project's close proximity to the community and schools.
- The alternatives analysis should include a reasonable range of alternatives, and should describe how alternatives were developed and also how they were eliminated from further analysis.
- Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.
- Direct, indirect, and cumulative impacts to public health, visual resources, and socioeconomics for communities nearby.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

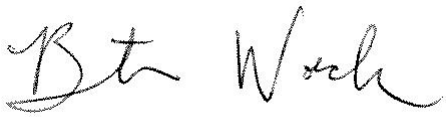
- Direct, indirect, and cumulative impacts to aquatic and terrestrial ecosystems, habitat, native plants, wildlife, bat, and avian species.
- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- Fire hazards associated with the Project's construction and operation including facility electrical failure and the identification of appropriate safety measure to address fire preparedness and emergency response.
- The threat of natural disasters, including hurricanes, tsunamis, and earthquakes, and how these events could in turn threaten the health and safety of nearby communities through the collapse of turbine towers or blade throw should be discussed and analyzed.
- Hazardous wastes, chemicals, and pesticides that will be produced or used by the Project, and how they will be stored, disposed of, and managed.
- The status and value of agricultural lands within the wind farm site.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- Would like to see more detail on the Proposed Action and Project components (in text and represented graphically), including: wind turbine components, specifications, and materials needed for construction of turbines; turbine upgrades (if needed); the locations of turbines, collection lines, and point of interconnection; access road construction and maintenance; plans for turbine operations and maintenance; and plans for decommissioning and site restoration.
- Compliance with both the NEPA and HEPA processes for public scoping and outreach, that community members and agencies have been adequately consulted during scoping, and will continue to be consulted with during the entire planning process.
- Concerned about the details of the community benefits package.
- Concern that the Project would lower property values and make it harder for homeowners to sell homes that are in close proximity to the turbines.
- Short- and long-term socioeconomic impacts to the community resulting from the Project.
- Potential impacts to Native plant communities located within the wind farm site, and how any impacts would be mitigated.
- Avian and bat impacts, including potential cumulative impacts resulting from existing and future wind projects should be discussed and analyzed. Comprehensive pre-construction and post-construction mortality monitoring surveys should be conducted.
- Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures, should be identified.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

From: Tasi P [mailto:tasiponder1@yahoo.com]
Sent: Wednesday, January 22, 2014 5:59 AM
To: NaPuaMakanihcp@fws.gov; contact@champlinwind.com; Woeck, Brita; william.j.aila@hawaii.gov
Subject: Na pua Makani HCP and EIS

,EISPN response questions from Aliitasi Ponder

Att:
Mike Cutbirth, Champlin Hawaii Wind Holdings, LLC
contact@champlinwind.com

William Aila, Department of Land and Natural Resources
william.j.aila@hawaii.gov

Brita Woeck, Tetra Tech, Inc.
Brita.Woeck@tetratech.com

Loyal Mehrhoff or Aaron Nadig, U.S. Fish and Wildlife Service
NaPuaMakanihcp@fws.gov

Re: Na Pua Makani Wind Project (EISPN)

ACK

I, a Kahuku community resident, herein submit scoping questions for the Na Pua Makani Wind Project Environmental Impact Statement Preparation Notice

(Note: Anywhere there is mention of Champlin, Champlin Hawaii Wind or Champlin WInd it is intended that they are all one and the same Champlin Hawaii Wind Holdings, LLC.)

Questions:

PRO 3

1. What is the length/ width/ surface depth of the road going from Kamehameha Hwy to the intended turbine site? What company will be building that private road?

2. What are the building spec requirements for the private road to the turbines iin order for it to handle the special

needs of this project?

PRO 3

3. How much will it cost the developer to build such a road going from Kamehameha Hwy to the turbine site? Will the developer cover all costs of the road leading to the turbines from the main public roadways?

PRO 3

4. In dollar amounts how much of Kamehameha Hwy's maintenance will Champlin Hawaii Wind be required to cover?

PRO 3

5. In other parts of the world where turbines of this size are installed, what is the life of these types of turbines in years? How does weather and temperature affect the longevity of a turbine?

DSC 1

6. How many communities have continued to report positively about the ongoing effects 1, 2 and 3 years after the turbines have been installed?

DSC 1

7. Has Champlin studied the types, basis and quantities of complaints by community members in other communities where turbines have been installed to be sure they don't repeat the same mistakes?

REG 1
ALT 3

8. What adjustments has Champlin made in their development process to lessen complaints in current and future wind developments?

ACK

9. How many complaints from community members have there been reported to city, county, state officials about wind turbines erected in their communities?

10. What is Champlin's track record for addressing and resolving community complaints made to them or to local/city/county/state officials and or organizations? What is Champlin's average time from complaint to resident-satisfactory resolution?

HAS 1

11. What organization will be monitoring the initial and ongoing effects the turbines have on sleep, health, concentration, and property values?Will Kahuku community members receive that report?

PRO 3

12. How do these turbines compare mechanically to those turbines installed and being taken down in Europe, Australia and other parts of the U.S.?

PRO 1

13. Where else in the world have turbines of this size and quantity been installed as close as is being proposed by Champlin in Kahuku to public schools and/or neighborhoods? What is the closest distance to a school where turbines in this size category have ever been installed?

SOC 1

14. Will the developer establish a fund to cover the cost of reviewing and addressing health issues, including loss of work, for community members who live within a mile of these turbines? If so, how much will there be in the fund initially and ongoing? Who at Champlin will be in charge of the fund and how do they propose to educate the Kahuku community on contacting them about resolving these issues?

ACK

15. What is the penalty to Champlin, enforced by our city/county/state organizations that monitor the ill effects of wind turbines on community members, for not resolving these issues in an expedient manner?

ACK

16. What are the specific city/county/state organizations currently established to monitor the complaints and negative impacts on the Kahuku community?

ACK

17. What is the process for community members to submit complaints about these proposed turbines once installed, including noise and impacts to health, sleep, loss of work, and increased stress? Who will fund the effort of reviewing complaints of community members and providing solutions to resolve these issues?

HAS 1
WIL 3

18. Have there been studies conducted on turbine effects on unborn fetuses? On the elderly? On special needs children? On those with ADD/ADHD? On those with mental health issues? On all the various types of animals that currently reside within 2 miles of the proposed turbines?

DAT 1

19. What are the list of all independent organizations that investigate the effects of turbines on public health? Has

DAT 1	Champlin conducted and published their own independent study? What is the size of Champlin's sampling used in their studies?
ACK	20. What are the names of all the Kahuku area organizations who have or will be given funds from the developer? i.e. athletic organizations, booster clubs. What are the names of the individuals and or organizations who are or will be managing those various groups who have or will receive Champlin Hawaii Wind monies/contributions? 21. Has Keith Avery ever worked with or for any member of Champlin Hawaii Wind Holdings, LLC? What is his connection with Champlin Hawaii Wind or any affiliation of Champlin Hawaii Wind?
DAT 1 HAS 1	22. Rather than minimizing, has Champlin Hawaii Wind Holdings, LLC objectively and seriously considered and evaluated the long list of health-impact issues by Dr. Pierpoint who wrote the book called, "Turbine Syndrome?" What are Champlin's results regarding such a comparative study and the methods and list of independent experts used by Champlin to conduct their own studies? What other medical study findings and independent medical experts have Champlin investigated in their health impact studies?
ACK	23. If the effects warned by Dr. Pierpoint and other medical experts do become a reality for Kahuku community members, what funds will be provided by Champlin to cover litigation costs so those costs do not fall on the state, city or county?
DAT 1	24. Has anyone at Champlin Hawaii Wind ever spoken directly with Dr. Pierpoint or others in the medical community with a differing viewpoint, to discuss those contrasting experts' published findings on the negative impacts to human health?
ACK	25. What other locations has Champlin Hawaii WInd installed turbines of this size? What is the largest number of wind turbines of this size that Champlin has installed or for which they have been directly responsible?
ACK	26. What other locations has Champlin Hawaii Wind installed turbines of this size in which there is a basin? What studies has Champlin conducted about the sound effects when turbines are installed within a basin?
ACK	27. On what other island has Champlin ever installed wind turbines of this size category? If so, exactly how tall are they? In what other tropical area has Champlin ever installed wind turbines? What experience has Champlin had with wind turbines installed and running in hurricane zones?
SOC 5	28. What is Champlin's proposal for covering the cost of lowered property values for homes within 2 miles of the proposed wind turbines, and for home owners who are unable to sell their homes at all as a result of the wind turbine industrialization of the Kahuku community?
HAZ 2 LAN 2	29. What is the effect of the installation on surrounding ag lands, including the chemicals used for clearing weeds/grounds and ongoing weed control?
ACK	30. In what other area has Champlin installed industrial size wind turbines where there is a similar complex, integrated, diverse eco system on par with that of Hawaii?
VEG 1	31. What studies has Champlin Hawaii Wind conducted themselves directly on the effects of turbines on plant matter where there is a rich, diverse and large quantity of plant matter before and at regular intervals after installation up to 5 years of large industrial turbines in full on operation?
WIL 1	32. What numbers and types of birds do Champlin estimate will be sacrificed annually if turbines are installed in Kahuku? Who are the bird specialists that Champlin Hawaii WInd currently employs?
HAS 1	33. In their due diligence studies, at what distance from the turbines has Champlin determined that there is a negative effect on human health, including emotional and or physical health?
	34. Dr. McCunney, a paid AWEA medical expert, was presented as an independent expert at a recent Kahuku

REG 1

community meeting. To assure us of his objectivity, he purported to have no connection to Champlin Hawaii WInd or to know Mike Cutbirth in any way, even though Mike was once the CEO of AWEA. Instead of owning up when his association was pointed out, he became outwardly defensive. Earlier in the presentation, when community members asked Dr. McCunney questions based on his being the wind expert, he deferred several of those questions requiring objectivity for Mike to handle at some future time. Also, his presentation inferred that health issues were from those who didn't approve of turbines to begin with. His condescending style of communicating was off-putting. He as the impartial independent expert appeared cautious about anything that might run counter to any position held by Champlin, even going as far as to build up and complement the developer as he went through his presentation. This non-transparent, partial. compromised approach increased community distrust in Champlin Hawaii Wind and Mike Cutbirth. How does Champlin propose they will become more transparent in their communication, and repair public distrust caused by their past methods and styles of communication (starting with their initial representative, Keith Avery) in our community?

ACK

35. In what legal litigations is Champlin currently involved, connected to other wind turbine development projects?

36. At times it has sounded as though Champlin is negating a connection with West Wind Works, the earlier version of the proposed project. If that is so, then shouldn't Champlin conduct their own, and more current, Environmental Assessment? What, if any, connection is there between Champlin and West Wind Works?

HAS 3

37. Based on First Wind's experiences with 3 fires, as a community we have learned that large wind developments require extra resources from our local fire department. What would Champlin be contributing to beef up/cover any extra equipment needed for proposed Champlin's Kahuku wind project's ongoing unique emergency needs?

HAZ 1

38. What is Champlin's emergency response strategy, policy, program and funding availability for dealing with turbines destabilized during a hurricane or as part of any other natural disaster?

ALT 2

39. If the majority of our community doesn't want the turbines as close as is being proposed to our schools and community, will you find another location more suited to these 50 story high machines?

ACK

40. What other turbine projects have you developed where large industrial turbines have been installed in a similar type of soil/rock bed with similar amounts of moisture as we have here in Kahuku?

PRO 3

41. What is the "tipping point" financially and environmentally? In other words, at what height do 50 story high turbines become less stable to where the cost of periodically stabilizing them and correcting environmental harm becomes too high to justify their 20 yr shelf life?

SOC 6

42. Based on your experience in wind development in other communities. how will our home insurance rates be affected by your proposed wind project in Kahuku? If rates increase, to what do you attribute the insurance companies need for the increase and will you cover the increase?

PRO 3

43. Since wind turbine technologies continue to develop and turbines evolve, what is your process and plans for upgrading your system and your process for communicating about those changes with the surrounding community before proceeding with upgrades?

NOI 1

44. Sound reverberates, bouncing off other sound "surfaces;" What are the findings on sound/vibrational effects on humans when surrounded by turbines on 3 sides?

REG 1

45. In blue-collar communities, like Kahuku, where english for many is a 2nd language and rising early/ working long hours means being unable to attend evening meetings, there has been a tendency for speculators to swoop in, identify a few influential key people, "motivate" them to cooperate by offering "extras" if they will sell out their own community and rush along the process, etc. With millions at stake, it is easy for developers and community members "helping" them to disregard the democratic process or to do what it takes to keep a community informed in an open and honest way. What are you doing to keep every member of the Kahuku community updated on your developmental process and best ways to weigh in along that process?

April 1, 2015 TTCES-4819-OUT-15-035

Melissa Primacio
Kahuku Community Association Chair
PO BOX 333
Kahuku HI 967312

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Primacio,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. As there were no issues raised in your submittal that fall within the scope of the EIS analysis, your letter has been coded as "Comment Acknowledged."

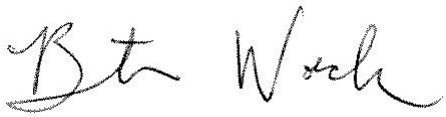
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Melissa Primacio** <melissaprimacio@gmail.com>
Date: Tue, Dec 3, 2013 at 8:58 AM
Subject: wind farm
To: napuamakanihcp@fws.gov

Aloha All,

I would like to clarify an issue on a statement made by KCA in the above email by Kent Fonoimoana.

ACK

Kahuku Community Association (KCA) has taken a position against any additional wind mills in our area, and yet the developer is quietly moving ahead against the wishes of the community.

The developer is in the Environmental Impact Study (EIS) process with Fish and Wildlife.

This statement was not made by KCA. I am the current 2013 KCA President. Please let me share an official statement on our current position.

Kent does not represent KCA, he does not take his elected Board of Director seat until January 2014.

In March 2013 KCA took position to Support (Kent's) Wind Turbine Buffer Zone Resolution with recommendations for ONLY Sub district 01.

KCA has not taken any position on the newly proposed Champlin Wind Project.

Thank you for bringing this matter to my attention. Please feel free to forward this email to those that have received this wrong information.

Mahalo,

Melissa Primacio
Kahuku Community Association Chair
PO BOX 333
Kahuku, HI 96731
808-203-3838

---------- Forwarded message ----------
From: **Melissa Primacio** <melissaprimacio@gmail.com>
Date: Tue, Dec 3, 2013 at 8:56 AM
Subject: Fwd: FW: URGENT! Comments needed to oppose Malaekahana wind farm
To: napuamakanihcp@fws.gov

ACK

On Dec 2, 2013 4:08 PM, "Eric Beaver" <EBeaver@hawaiireserves.com> wrote:

Thanks for clarifying this matter.

From: Steve Hoag
Sent: Monday, December 02, 2013 12:48 PM
To: Jeff Tyau; Eric Beaver
Cc: Jonathan Miller
Subject: FW: URGENT! Comments needed to oppose Malaekahana wind farm

FYI

From: Kent Fonoimoana-TRIsland [mailto:kent@trisland.com]
Sent: Monday, December 02, 2013 12:02 PM
To: Kent Fonoimoana
Subject: URGENT! Comments needed to oppose Malaekahana wind farm

Aloha community member,

YOUR HELP IS URGENTLY NEEDED BEFORE DECEMBER 5th!

A wind farm developer is moving forward with a proposal to erect 15 500' tall towers and turbines at Malaekahana in close proximity to Kahuku schools and the Kahuku community. Should the project move forward, Kahuku's Ko'olau Housing will be surrounded on three sides by industrial sized wind mills.

Independent studies have linked wind turbines to health issues that impact humans if placed in close proximity to residential areas. The proposed wind farm will be 3 times closer to our schools and residences than the existing facility. It will also be upwind - which is significant.

Kahuku Community Association (KCA) has taken a position against any additional wind mills in our area, and yet the developer is quietly moving ahead against the wishes of the community.

The developer is in the Environmental Impact Study (EIS) process with Fish and Wildlife.

PLEASE TAKE THE TIME TO SUBMIT COMMENTS IN OPPOSITION TO:
E-mail: **napuamakanihcp@fws.gov**

Fax: 808-792-9581, Attn: Loyal Mehrhoff
Mail: Loyal Mehrhoff, Field Supervisor,
U.S. Fish and Wildlife Service,
Pacific Islands Fish and Wildlife Office,
300 Ala Moana Boulevard, Room 3-122,
Honolulu, Hawaii 96850
(Include "Na Pua Makani HCP and DEIS" in the subject line of the message, letter or fax)

DEADLINE for submitting comments is December 5th, 2013. Please forward this email to other area residents who are concerned about the proximity issues that will impact school children and residents.

Kent Fonoimoana
#808-294-9991

April 1, 2014 TTCES-4819-OUT-15-036

Suzanne Reed
hawaiianstuntmama@yahoo.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Reed,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- An alternate location for the Project should be analyzed (e.g. moving turbines further inland, different location on Oahu) due to the current Project's close proximity to the community and schools.
- Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.
- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- Safety impacts to community members related to wind turbine mechanical issues, such as blade throw or turbine collapse should be discussed and analyzed.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

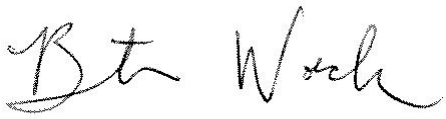
- The threat of natural disasters, including hurricanes, tsunamis, and earthquakes, and how these events could in turn threaten the health and safety of nearby communities through the collapse of turbine towers or blade throw should be discussed and analyzed.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Suzanne Reed** <hawaiianstuntmama@yahoo.com>
Date: Wed, Dec 4, 2013 at 9:48 PM
Subject: Wind turbines- not in our community, please
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>

ALT 2
HAS 1
HAS 2
PRO 1

Aloha,
My name is Suzanne Reed and I am against the Wind Project. Safety for the people should be the priority. These turbines are being installed too close to the Kahuku Community. I live in Laie, which is adjacent to Kahuku, and I am concerned for my 14 year old son who attends Kahuku Intermediate. These turbines are not a quiet as the company would like us to believe. This type of project should NOT be placed in an area that has residents and schools. People come first, not money. Yes, Hawaii needs green energy. I agree. Geothermal is great. Solar is great. Wind can work for certain areas- like the open desert or desolate land. What about all the land just mauka of Turtle Bay, next to the other windmills? Or Kaena Point? Why is it RIGHT behind the school?Can you imagine the constant beating of the blades? All day, all night, never ending. I am that worried it will affect the student's concentration and their scores. These students need all the help they can get. They don't need another noise disruption or any aggrevating sounds.

HAS 1

We have relatives who live in Kahuku. Will their sleep patterns be disrupted? Will my nephews sleep well at nightl? Will their parents have enough rest to perform at work? Will the overall lack of sleep exhaust a tired immune system?Causing sickness or over eating in order to stay awake and quite possibly lead to chronic illnesses. This has already occurred in other Wind turbine communities across the United States. People had to either sell or leave their beloved homes to escape the noise. I pray that the needs of the people living under this project will be seriously considered. From the last town meeting, it seemed as though this project will most certainly be moving forward and the turbines erected.

ALT 2
HAS 2
HAZ 1
DAT 1

Another safety concern that I have about this project is the actual blades becoming detached in high winds.Hurricane Iniki had winds exceeding 200mph. A wind project in San Diego had an 11 ton blade fall during 10-15 mile an hour winds. This is not an isolated incident. It has occurred in other locations. I have done my research and concluded that wind power is NOT for this community. Perhaps just a few miles down the road or further back into the mountains. Oh, wait, that will cost the company more money to build those roads. Well....get building ,if you want those turbines installed. Get them away from our ohana and our keiki. www.cbs8.com/.../**blade**-breaks-off-**wind**-**turbine**-at-ocotillo-**wind**-projec...

Sincerely,

Suzanne Reed

April 1, 2015 TTCES-4819-OUT-15-037

Tanoai Reed
samaoanstuntman@yahoo.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Reed,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments and testimony from the public scoping meeting. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal and verbal testimony:

- An alternate location for the Project should be analyzed (e.g. moving turbines further inland, different location on Oahu) due to the current Project's close proximity to the community and schools.
- Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.
- The EIS should address any disproportionate adverse impacts to minority and low-income populations, and should reflect coordination with those affected populations.
- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

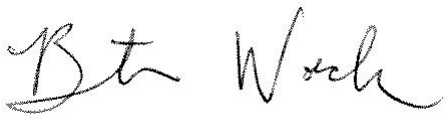
- Fire hazards associated with the Project's construction and operation including facility electrical failure and the identification of appropriate safety measure to address fire preparedness and emergency response.
- The threat of natural disasters, including hurricanes, tsunamis, and earthquakes, and how these events could in turn threaten the health and safety of nearby communities through the collapse of turbine towers or blade throw should be discussed and analyzed.
- How the Project would affect homeowners' ability to install photovoltaic systems.
- How would the Project contribute to a savings on the electrical bills of local residents, and how soon once the Project is operational could residents begin to see any potential savings.
- Concern that the Project would lower property values and make it harder for homeowners to sell homes that are in close proximity to the turbines.
- Short- and long-term socioeconomic impacts to the community resulting from the Project.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.
- Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures, should be identified.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Tanoai Reed** <samoanstuntman@yahoo.com>
Date: Wed, Dec 4, 2013 at 9:49 PM
Subject: Kahuku wind turbines.
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>

ACK

DAT 1
HAS 1
HAS 3
HAZ 1
SOC 5
WIL 3

VIS 1

HAS 1
HAS 3

Aloha Loyal,

My name is Tanoai Reed and Im a very concerned member of this community. Im against putting these new turbines up for so many different reasons. To start with let me share with you some video of the danger these things can bring to our people and our wildlife. Please take the time to view theses I will refer to them later.

1) The killing of wildlife. http://youtu.be/jwVz5hdAMGU
2) High wind/ Hurricanes. http://youtu.be/-YJuFvjtM0s
3) Electrical failure/ Fires. http://youtu.be/0ovHFTSBQ54
4) Property devaluation. http://youtu.be/_utFV2ukOtU
5) Sound pollution. http://youtu.be/SNxvkrgoPLo
6) Health Hazards. http://youtu.be/lm0Oe8J6qT8
7) *A similar community to Kahuku affected: http://youtu.be/jtGijb_oNeQ
8)** And yet another community tells its story of the wind turbines: http://youtu.be/MO53YqA0D9M
9) Lastly, Look at the pictures I attached. Can you HONESTLY tell me these things are beautiful or enhance our landscape? Our Aina is the most important and precious thing we have.Thats why they don't allow billboards or tall buildings in our community. These RUIN our beautiful scenery and landscape.

.....And the list goes on and on of videos, photos and first hand accounts and testimonies of the negative impacts of these monstrosities being built near communities.

The noise alone is enough to stop these from being built behind our elementary and high school. The students will hear the noise that was recorded in the video 5, ALL DAY LONG. How can they focus and concentrate with that? My son is an 8th

HAS 1
HAS 3

grader at Kahuku and I don't want him to be near these things. Not only because of the noise, but also because of what I've shown you in videos 2 & 3. If these things burst into flames, explode, or even if a hurricane hits, the proposed site right now is so close that it puts peoples lives in danger.

SOC 2

What about the fact that adding these wind turbines will prevent the addition of homeowners own individual solar energy (which will actually help impact our bills as well as conform to the green energy movement).

SOC 4

Each community is only allowed a certain percentage of renewable energy and the turbines (which don't help lower our monthly electric bills) are taking up all of that allowed percentage.Once the maximum wattage has been reached, HECO won't allow anymore alternatives like solar, which they lose money on. I smell something funny there.

SOC 5

As you see in video 4, these things bring down our property value. If there is even a small chance that these things do what you hear about and see in the videos, people won't want to move in....only out! Why should we have to sacrifice equity in our homes because some big multi-million dollar company wants to "drop their load and hit the road" with millions in their pockets off our our land? They might leave a handful of loose change to help buy our "pono", but that won't bring our property values back up.

ACK

As you can see there are MANY documented dangers and reasons why we shouldn't allow these next to our homes and schools. Even if there was only one reason, that should be enough.

The community voices have spoken. The majority are against it!! At the meeting we had, not too many people showed up and not too many spoke up. That doesn't mean the rest want to have these win turbines built. I learned that a lot of people didn't know about the meting or weren't able to make it. If we look at the people who did speak up, ONLY 1 person stood up FOR the wind turbines. There were at least 6 people who spoke up AGAINST them. I'm sure this reflects the communities voice percentage wise, per capita. The few people in our community who are for them have been approached and "bought off" by Champlin wind. If there was no offer of money, I'm sure they wouldn't say they like the presence of them looming over our homes and schools. Big Mainland companies know we are a low income community and that makes us easy prey. Look at what Monsanto has done to our land with the GMO's. Only NOW we are wising up and passing bills to stop them from polluting our soil? Champlain is no different. Both say they want to do good and help the environment, but we all know its about the all mighty $!!! Think about it.....They can't buy off or fool the rich communities. Thats why you don't see their footprint in those areas.

ACK

The homes, schools, families and countryside mountains of Kahuku are so beautiful and safe. PLEASE help us keep it that way.

Mahalo for your time,

-Tanoai Reed

April 1, 2015 TTCES-4819-OUT-15-038

Ben Shafer
52210 Kamehameha HWY
Hauula, HI 96717
bdshafer@gmail.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Shafer,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submissions are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittals:

- The City and County of Honolulu setback distance regarding proximity of wind turbines to residences is insufficient and must be updated to reflect safe distances.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.

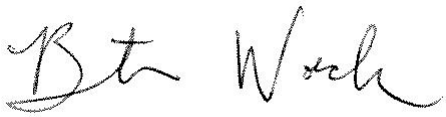
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Aloha from Ben Shafer** <bdshafer@gmail.com>
Date: Tue, Dec 3, 2013 at 4:03 PM
Subject: Na Pua Makani HCP and DEIS
To: napuamakanihcp@fws.gov

Loyal Mehrhoff, Field Supervisor,
U.S. Fish and Wildlife Service,
Pacific Islands Fish and Wildlife Office,
300 Ala Moana Boulevard, Room 3-122,
Honolulu, Hawaii 96850

Benjamin Shafer
52210 Kamehameha Hwy
Hauula, Hawaii 96717
8082223138
bdshafer@gmail.com

December 4, 2013

RE: In full opposition to Windmills in Kahuku, Oahu.

Aloha Loyal
Mehrhoff,

ACK

I and many in our communities of Kaaawa, Kahana, Punalu'u, Hauula, Laie, Kahuku, Sunset and Waimea, the Ko'olauloa District are appalled at your request for windmills anywhere near schools, homes, agricultural area, activity centers in Kahuku or in any communities where these settings exist. Please note that these communities are in strong opposition to this assine plan.
There are too many reasons why this is will not work.

Respectfully submitted,
Ben Shafer

Sent via the Samsung GALAXY S®4, an AT&T 4G LTE smartphone

---------- Forwarded message ----------
From: **Ben Shafer** <bdshafer@gmail.com>
Date: Wed, Dec 4, 2013 at 3:59 PM
Subject: Request an email listing
To: napuamakanihcp@fws.gov

Aloha Loyal,

ACK

I would like to request and email listing of all those who supported and in not of support of the proposed windmills in Kahuku, Oahu as of the end of the deadline for submital of testimony.

Mahalo nui loa for all you do,
Ben Shafer
bdshafer@gmail.com
808.222.3138

VIS 1
REG 2

---------- Forwarded message ----------
From: **Aloha from Ben Shafer** <bdshafer@gmail.com>
Date: Mon, Jan 20, 2014 at 9:03 PM
Subject: No windmills
To: NaPuaMakanihcp@fws.gov
Cc: Kent Fonoimoana <kent@trisland.com>

Aloha,
No windmill should be built closer than three miles from any human or animal contact. All view plains should not obliterated windmills except ocean views.

Mahalo,
Ben Shafer
52210 Kamehameha Hwy
Hauula, Hawaii 96717
8082223138

Sent via the Samsung GALAXY S®4, an AT&T 4G LTE smartphone

April 1, 2015 TTCES-4819-OUT-15-039

Scott Sysum
National Older Worker Career Center, Energy Specialist
U.S. EPA Region IX, Environmental Review Office
75 Hawthorne Street CED-2
San Francisco, CA 94105
sysum.scott@epa.gov

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Sysum,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Air quality impacts (criteria pollutants) and greenhouse gases resulting from construction and operation of the Project, and how impacts will be calculated and mitigated.
- Impacts related to climate change should be identified and analyzed.
- The alternatives analysis should include a reasonable range of alternatives, and should describe how alternatives were developed and also how they were eliminated from further analysis.
- Proper consultation is conducted between the USFWS and Native Hawaiian people and mitigation measures are developed for potential impacts to cultural resources.

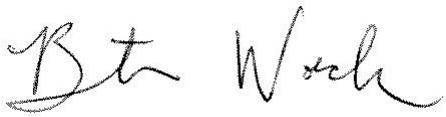
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

- Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.
- Direct, indirect, and cumulative impacts to aquatic and terrestrial ecosystems, habitat, native plants, wildlife, bat, and avian species.
- The EIS should utilize a clear methodology for analyzing direct, indirect, and cumulative impacts; proposed mitigation measures should be identified and analyzed; and past, present, and future actions should be analyzed as part of the cumulative impact analysis.
- The EIS should address any disproportionate adverse impacts to minority and low-income populations, and should reflect coordination with those affected populations.
- Hazardous wastes, chemicals, and pesticides that will be produced or used by the Project, and how they will be stored, disposed of, and managed.
- The existing condition of the land and land uses within the wind farm site.
- Would like to see mitigation measures included in the analysis to reduce impacts to biological resources such as ecosystems, habitat, native plants, wildlife, bird and avian species.
- Would like to see mitigation measures and Best Management Practices related to water resources, including water quality, landscape irrigation, and stormwater management.
- Would like to see mitigation measures constructed to use less hazardous materials during construction and operation.
- Suggested a specific mitigation measure for inclusion in the impact analysis in the EIS.
- Noise from the wind turbines associated with construction and operation of the Project impacting sensitive receptors.
- Would like to see more detail on the Proposed Action and Project components (in text and represented graphically), including: wind turbine components, specifications, and materials needed for construction of turbines; turbine upgrades (if needed); the locations of turbines, collection lines, and point of interconnection; access road construction and maintenance; plans for turbine operations and maintenance; and plans for decommissioning and site restoration.
- Clarification on the purpose and need of the Project, including how the Project would fit into the larger energy market that it would serve.
- The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.
- Would like to see the development of a scientifically-supportable Habitat Conservation Plan (HCP), and a description of how the HCP will be implemented.
- The EIS should include measures to monitor and control invasive plant species and noxious weeds.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.
- Water resources impacts including water sources for the Project, sediment run-off, and potential effects to coastal zones should all be analyzed in the Environmental Impact Statement.
- Critical fish habitat within the wind farm site and potential impacts should be disclosed.
- Direct, indirect, and cumulative impacts to native wildlife species and habitat, as well as mitigation measures, should be identified.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Sysum, Scott** <Sysum.Scott@epa.gov>
Date: Thu, Dec 5, 2013 at 9:02 AM
Subject: Na Pua Makani HCP and DEIS-EPA R9 Scoping Comments
To: "NaPuaMakanihcp@fws.gov" <NaPuaMakanihcp@fws.gov>

ACK

Dear Sir
I have been assigned as the lead reviewer for U.S. EPA Region 9 for the Na Pua Makani Wind HCP Project Notice of Intent to prepare an Environmental Impact Statement. I have attached a pdf file of our comments. The signed letter was mailed today to Dr. Loyal Mehrhoff.

Thank you for providing us the opportunity to review this interesting project. Please feel free to contact us if you have any questions, seek clarifications or if we can help in any other way.

v/r
Scott Sysum

National Older Worker Career Center
Energy Specialist
U.S. EPA Region IX
Environmental Review Office
75 Hawthorne Street CED-2
San Francisco, CA 94105
voice-415-972-3742; fax-415-947-3562
Email: sysum.scott@epa.gov

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

DEC 0 5 2013

- 2013

Loyal Mehrhoff, Field Supervisor
Pacific Islands Fish and Wildlife Office
U.S. Fish and Wildlife Service
300 Ala Moana Boulevard, Room 3-122
Honolulu, Hawaii 96850

Subject: Notice of Intent to Prepare a Draft Environmental Impact Statement on a Proposed Incidental Take Permit for the Na Pua Makani Project, Kahuku, Hawai'i

Dear Dr. Mehrhoff:

ACK

The U.S. Environmental Protection Agency has reviewed the Notice of Intent to Prepare a Draft Environmental Impact Statement on a Proposed Incidental Take Permit for the Na Pua Makani Project, Kahuku, Hawai'i. Our comments are provided pursuant to the National Environmental Policy Act, Council on Environmental Quality regulations (40 CFR Parts 1500-1508) and our NEPA review authority under Section 309 of the Clean Air Act.

To assist in the scoping process for this project, we have identified several issues for your attention in the preparation of the EIS. We are most concerned about the following issues: impacts to water and air, impacts to biological resources, invasive species management, and habitat protection.

We appreciate the opportunity to review this NOI and are available to discuss our comments. Please send one hard copy of the Draft EIS and one CD ROM copy to this office at the same time it is officially filed with our Washington D.C. Office. If you have any questions, please contact me at (415) 972-3545, or contact Scott Sysum, the lead reviewer for this project. Scott can be reached at (415) 972-3742 or sysum.scott@epa.gov.

Sincerely,

Ann McPherson
Environmental Review Office
Communities and Ecosystems Division

Enclosure: EPA's Detailed Comments

Printed on Recycled Paper

ACK

PRO 4

DSC 3

ALT 3

US EPA DETAILED COMMENTS ON THE NOTICE OF INTENT TO PREPARE A DRAFT ENVIRONMENTAL IMPACT STATEMENT ON A PROPOSED INCIDENTAL TAKE PERMIT FOR THE NA PUA MAKANI PROJECT, KAHUKU, HAWAI'I, DECEMBER 5, 2013

Project Description

The U.S. Fish and Wildlife Service intend to prepare a Draft Environmental Impact Statement for the Habitat Conservation Plan and Incidental Take Permit associated with the construction and operation of the proposed Na Pua Makani Project (Project). Champlin Hawai'i Wind Holdings, LLC (Champlin) has proposed to build a 45-megawatt wind power facility adjacent to the existing Kahuku Wind Farm, near the town of Kahuku, on the north shore of O'ahu, Hawai'i. Champlin intends to seek incidental take coverage for the following five federally-listed threatened and endangered species: Newell's shearwater or 'a'o, Hawaiian coot or 'alae ke'oke'o, Hawaiian moorhen or 'alae 'ula, Hawaiian stilt or ae'o, and the Hawaiian hoary bat or 'ōpe'ape'a. The State-listed endangered Hawaiian short-eared owl or pueo may also be included.

The proposed facility will consist of 14 wind turbine generators, a maintenance building, an electrical substation, overhead and underground electrical collection systems, and access roads. It is anticipated that Champlin will request the ITP coverage for a period of 20 years.

Purpose and Need

The DEIS should include a clear description of the project purpose and need, including why the USFWS and Champlin are undertaking the proposed action and what objectives are intended to be met (40 CFR 1502.13). The purpose and need statement should clearly define the scope of proposed actions that the DEIS will describe and assess for environmental effects, such as issuing the ITP, and the covered activities and conservation measures of the HCP.

> *Recommendations:*
> The purpose and need should be a clear, objective statement of the rationale for the proposed project. Discuss the proposed project in the context of the larger energy market that this project would serve.
>
> The EIS should clarify whether any covered activities and conservation measures will be assessed under separate and future environmental review. If direct and indirect effects of any covered activities and conservation measures are not to be assessed in the EIS, they should be described and included in the cumulative impacts analysis to the extent that they are reasonably foreseeable.

Alternatives Analysis

The environmental document should evaluate a broad mix of possible alternatives. We recommend that a creative and flexible approach be taken in the development of potential alternatives. National Environmental Policy Act requires evaluation of reasonable alternatives, including those that may not be within the jurisdiction of the lead agency (40 CFR Section 1502.14(c)). A robust range of alternatives

ALT 3

will include options for avoiding significant environmental impacts. The DEIS should provide a clear discussion of the reasons for the elimination of alternatives which were not evaluated in detail.

ALT 3
WIL 3

The alternatives analysis should describe the approach used to identify environmentally sensitive areas and the process that was used to designate them in terms of sensitivity (low, medium, and high). The DEIS should indicate what measures will be taken to protect important wildlife habitat areas from potential adverse effects of the proposed alternatives. We encourage habitat conservation alternatives that avoid and protect high-value habitat and create or preserve linkages between habitat areas to better conserve the covered species. The DEIS should consider alternatives that will best benefit the long-term recovery of the covered species, even if immediate environmental effects and mitigation requirements are greater than other alternatives.

DSC 3
REG 4

It is important that the habitat conservation alternatives be based on defensible science. The environmental document should include a full description and evaluation of the scientific foundation and justification for the HCP design. If not already in place, we recommend the USFWS and Champlin consider the use of a scientific advisory committee to help develop a scientifically supportable HCP.

Alternatives should be developed to maximize benefits to the covered species while minimizing negative effects to environmental resources. Based on the information provided in the NOI, the EPA anticipates the potential for impacts to aquatic resources, air quality, the environmental justice community (if present), cultural resources, and other biological resources. The environmental document should describe the potential direct, indirect and cumulative impacts of the alternatives on all environmental resources in the project area.

ALT 3
DSC 3

Recommendations:
The DEIS should describe how each alternative was developed, how it addresses each project objective, and how it will be implemented. We urge consideration of all feasible options, including creative project development and wildlife management tools, habitat restoration, and species conservation measures.

The DEIS should clearly describe the rationale used to determine whether impacts of an alternative are significant or not. Thresholds of significance should be determined by considering the context and intensity of an action and its effects (40 CFR 1508.27).

The DEIS should provide a clear discussion of the reasons for the elimination of alternatives which were not evaluated in detail.

The alternatives analysis should include a discussion of reduced acreage, reduced megawatt and modified footprint alternatives, as well alternative sites and micro-siting of wind turbine generators.

ALT 3

The EPA recommends that the DEIS identify and analyze an environmentally preferred alternative. This alternative should consider options such as downsizing the proposed project within the project area and/or relocating sections/components of the project in other areas to reduce environmental impacts.

LAN 1

The DEIS should describe the current condition of the land selected for the proposed project, discuss whether the land is classified as disturbed, and describe to what extent the land could be used for other purposes into the future.

Mitigation

MIT 1
MIT 2
ENJ 1

The EPA encourages the USFWS and Champlin to develop appropriate mitigation measures for negative effects to other environmental resources that may occur as a result of implementing the HCP covered activities and conservation measures. Resources that may require mitigation could include aquatic resources, air quality, the environmental justice community, cultural resources, and other biological resources.

Aquatic Resources

DSC 2
DSC 3

If the HCP activities that are described in the DEIS have the potential to negatively affect aquatic resources, then potential direct, indirect and cumulative effects should be described. The environmental document should fully disclose potential beneficial and/or adverse direct, indirect and cumulative effects to surface and groundwater quality and quantity, wetlands, and aquatic ecosystems.

REG 3
WAT 1
WIL 2

Recommendations:
At a minimum, the DEIS should include:

a. A discussion of compliance with Clean Water Act Section 404(b)(1) Guidelines (40 CFR 230) if alternatives propose to place fill in water of the U.S (WOUS).
b. A description of any critical fisheries habitat, especially spawning and rearing areas, and other sensitive aquatic sites such as wetlands. Past and potential beneficial uses of these areas, and potential effects from the proposed alternatives should be disclosed.
c. An analysis of potential effects to coastal zones.
d. An analysis of the potential for alternatives to cause adverse effects to water quality and aquatic habitats.

If fill to WOUS is anticipated, the EPA recommends that the USFWS and Champlin include a jurisdictional delineation for all WOUS in accordance with the 1987 *Corps of Engineers Wetlands Delineation Manual*. A jurisdictional delineation will confirm the presence of WOUS in the project area and help determine impact avoidance, or as needed, where state and federal permits would be required for activities that affect WOUS.

REG 3

Construction Stormwater Discharge Permit
The Notice of Intent does not provide the total disturbance area for the project. Given the scope of this project, it is anticipated that the project will disturb more than one acre of soil during the construction phase. Lack of vegetation and periodic disturbance due to maintenance in these areas would potentially increase sedimentation and decrease water quantity.

The Hawai'i Department of Health requires owner/operators to obtain coverage under the either a General Permit for Discharges of Storm Water associated with construction activity or a individual permit if the project will disturb more than one acre of soil. Additionally, a Stormwater Pollution

Prevention Plan, that includes erosion control measures, would need to be generated for the project and implemented on-site.

REG 3

The SWPPP would include the elements described in the Construction General Permit, including a site map(s) showing the construction site perimeter, existing and proposed buildings, lots, roadways, storm water collection and discharge points, general topography both before and after construction, and drainage patterns across the project. The SWPPP also would list Best Management Practices, including erosion control BMPs that would be used to protect stormwater runoff, and include a description of required monitoring programs.

Additionally, the SWPPP must contain a visual monitoring program; a chemical monitoring program for "non-visible" pollutants to be implemented if there is a failure of BMPs; and a sediment monitoring plan if the site discharges directly to a water body listed on the 303(d) list for sediment. Guidance from other documents, such as the EPA document entitled "Developing Your Stormwater Pollution Prevention Plan: A Guide for Construction Sites" also could be used in the development of the SWPPP.

REG 3

Recommendation:
The EPA recommends that the applicant determine the need for a National Pollution Discharge Elimination System permit associated with construction activity. If such a permit is required, include a description of the proposed stormwater pollution control and mitigation measures in the DEIS.

Air Quality

AIR 1

The DEIS should provide a detailed discussion of air quality standards, ambient conditions, and potential air quality impacts for the project area and surrounding region. A description of current and proposed activities and their impacts on air quality, including indirect and cumulative impacts to the surrounding region, should be included. The DEIS should provide the estimated air emissions (tons per year) from the proposed project for criteria pollutants, including emissions from all construction, operation, and maintenance activities and vehicle traffic.

REG 3

Federal agencies are required by Clean Air Act Section 176(c) to assure that actions conform to an approved air quality implementation plan. If project emissions would exceed the de minimis thresholds identified at 40 CFR 51.853, the environmental document should include a conformity determination. General Conformity Regulations can be found in 40 CFR Parts 51 and 93 (58 Federal Register, page 63214, November 30, 1993).

AIR 1

Recommendations:
Existing Conditions – The DEIS should provide a detailed discussion of ambient air conditions, National Ambient Air Quality Standards, and criteria pollutant nonattainment areas in the vicinity of the project.

Quantify Emissions – The DEIS should estimate emissions of criteria pollutants from the proposed project and discuss the timeframe for release of these emissions over the lifespan of the project. The DEIS should describe and estimate emissions from potential construction activities, as well as proposed mitigation measures to minimize these emissions.

AIR 1

Specify Emission Sources – The DEIS should specify the emission sources by pollutant from mobile sources, stationary sources, and ground disturbance. This source specific information should be used to identify appropriate mitigation measures and areas in need of the greatest attention.

Greenhouse Gas Emissions – The DEIS should describe the type and annual amount (in tons per year) of greenhouse gas emissions that will result from HCP activities.

Biological Resources

DSC 2
REG 4
MIT 1

The DEIS should clearly describe direct, indirect, and cumulative impacts to wildlife and habitat and measures to avoid, minimize, and mitigate for these impacts. Emphasis should be placed on the protection and recovery of HCP-covered species due to their status or potential status under the Federal Endangered Species Act. Analysis of impacts and mitigation on covered species should include:

- Baseline conditions of habitats and populations of the covered species sufficient enough for estimates of take, and development of adequate avoidance, mitigation and conservation measures that are rationally related to anticipated take.
- A clear description of how avoidance, mitigation and conservation measures will protect and aid in the recovery of the covered species and their habitats in the project area.
- Monitoring, reporting and adaptive management efforts to ensure compliance with the HCP and species and habitat conservation effectiveness.

A comprehensive monitoring program should be designed to evaluate for impacts on bats and avian species. We suggest that the USFWS conduct pre-construction baseline surveys as well as post-construction surveys to determine the extent of mortalities and to determine the effectiveness of mitigation measures. Collision risk depends on a variety of factors related to species, numbers and behavior, weather conditions, topography, and lighting. The DEIS should identify and describe specific turbine types and their operating characteristics and consider turbine design standards that minimize adverse impacts to wildlife, particularly birds and bats. Consideration should be given to reducing perching and nesting opportunities, which may help reduce potential collisions.

REG 3
REG 4

The EPA supports the development of an HCP that is based on the "Five Point Policy" described in the 2000 addendum to the Service's HCP Handbook. We believe the environmental document would benefit from a description of how the HCP is based on guidance from the Five Point Policy in the areas of Biological Goals and Objectives, Monitoring, Adaptive Management, Permit Duration, and Public Participation. As described in the Service's HCP fact sheet, a screening process will be developed for reviewing future activities to determine whether they are covered under the HCP or whether they would require an amendment to the HCP. The environmental document should describe this process and the criteria used to screen future activities.

Recommendations:
Describe how the project will comply with the ESA.

REG 3

Discuss in the DEIS the applicability of the USFWS Land-Based Wind Energy Guidelines to the proposed project. Elaborate on siting, design, and operational modifications that will mitigate impacts.

MIT 1

Discuss design and management measures to minimize adverse impacts to wildlife and native and rare plants.

MIT 5

Consider utilizing unique types of radar technology to monitor for bird and bats.[1]

Consider a tactical shut down option during critical hours of species activity, as appropriate, to minimize adverse impacts on such species.

Consider blade feathering/idling (including on-the-spot and seasonal shutdowns), reducing cut-in speeds, and adjusting turbine speeds during strategic intervals to reduce take and to prevent mortality.

Invasive Species

REG 3

Executive Order 13112, *Invasive Species* (February 3, 1999), mandates that federal agencies take actions to prevent the introduction of invasive species, provide for their control, and minimize the economic, ecological, and human health impacts that invasive species cause. Executive Order 13112 also calls for the restoration of native plants and tree species. If the proposed project will entail new landscaping, the DEIS should describe how the project will meet the requirements of Executive Order 13112.

VEG 2

Recommendation:
The DEIS should include an invasive plant management plan to monitor and control noxious weeds.

Section 106 of the National Historic Preservation Act

REG 3

Section 106 of the National Historic Preservation Act, 16 U.S.C. § 470f, requires federal agencies to take into account the effects of their undertakings on historic properties and provide the Advisory Council on Historic Preservation a reasonable opportunity to comment on those undertakings. The ACHP has issued the regulations implementing Section 106, 36 CFR Part 800, "Protection of Historic Properties." The NHPA requires that, in carrying out the requirements of Section 106, each federal agency must consult with any Native Hawaiian organization that attaches religious and cultural significance to historic properties that may be affected by the agency's undertakings.

CUL 3

Recommendation:
The DEIS should describe the process and outcome of Section 106 consultation between the USFWS and any Native Hawaiian organization that has shown an interest in the covered

[1] For example, see http://www.detect-inc.com/avian.html and http://www.upi.com/Science_News/Resource-Wars/2010/03/18/Radar-reduces-wind-farm-risk-to-birds/UPI-71441268920323/. These resources are provided as examples only and do not constitute endorsement of any particular product by EPA.

activities within the project area, issues that were raised (if any), and how those issues were addressed in the selection of the proposed alternative.

REG 3

Environmental Justice and Impacted Communities

The interagency Memorandum of Understanding on Environmental Justice and Executive Order 12898 (August 4, 2011) and the Executive Order 12898, *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations* (February 11, 1994) directs federal agencies to identify and address disproportionately high and adverse human health or environmental effects on minority and low-income populations, allowing those populations a meaningful opportunity to participate in the decision-making process. Guidance[2] by CEQ clarifies the terms low-income and minority population (which includes American Indians) and describes the factors to consider when evaluating disproportionately high and adverse human health effects.

ENJ 1

Recommendation:
The DEIS should include an evaluation of environmental justice populations within the geographic scope of the projects. If such populations exist, the DEIS should address the potential for disproportionate adverse impacts to minority and low-income populations, and the approaches used to foster public participation by these populations. Assessment of the projects impact on minority and low-income populations should reflect coordination with those affected populations.

Noise Impacts

NOI 1

The DEIS should include an assessment of noise levels from construction, maintenance and operation of the wind turbines. Decibel levels should be evaluated as should the effects of noise levels on a variety of species, as well as effects on sensitive receptors, residences, recreational use and property values.

Visual Impacts

VIS 1

Careful attention should be given to how a wind turbine array is set against the landscape. Steps should be taken to minimize the visual impacts and make the wind turbines less obtrusive.

Hazardous Materials/Hazardous Waste/Solid Waste

MIT 4

The DEIS should address potential direct, indirect and cumulative impacts of hazardous waste from construction and operation. The document should identify projected hazardous waste types and volumes, and expected storage, disposal, and management plans. It should address the applicability of state and federal hazardous waste requirements. Appropriate mitigation should be evaluated, including measures to minimize the generation of hazardous waste (i.e., hazardous waste minimization). Alternate industrial processes using less toxic materials should be evaluated as mitigation. This potentially reduces the volume or toxicity of hazardous materials requiring management and disposal as hazardous waste.

---

[2] Environmental Justice Guidance under the National Environmental Policy Act, Appendix A (Guidance for Federal Agencies on Key Terms in Executive Order 12898), CEQ, December 10, 1997.

PRO 3

Wind Turbine Production and Recycling

Wind turbine production can address the full product life cycle, from raw material sourcing through end of life collection and reuse or recycling. Wind turbine companies can minimize their environmental impacts during raw material extraction and minimize the amount of rare materials used in the product. Collection and recycling can be facilitated through buy-back programs or collection and recycling guarantees. Some companies provide recycling programs that pay all packaging, transportation, and recycling costs.

> *Recommendation:*
> EPA recommends that the proponent strive to address the full product life cycle by sourcing wind turbine components from a company that: 1) minimizes environmental impacts during raw material extraction; 2) manufactures wind turbines in a zero waste facility; and 3) provides future disassembly for material recovery for reuse and recycling.

PRO 3

Project Decommissioning, Site Restoration and Financial Assurance

On the average, a lifespan of a wind farm is 20-30 years. The life of the proposed wind project should be taken into consideration regarding decommissioning and reclamation.

> *Recommendation:*
> The decommissioning and site restoration plan should include the following elements: cost estimates; the project owner to secure a performance bond surety bond, letter of credit, corporate guarantee, or other form of financial assurance adequate to cover the cost of decommissioning/restoration; description of the conditions when decommissioning will commence; description of time allotted to complete the decommissioning; description of the structures, facilities, and foundations to be removed; and restoration of the site by recontouring the surface and revegetation to a condition reasonably similar to the original condition.

DSC 3

Cumulative and Indirect Impacts

The cumulative impacts analysis should identify how resources, ecosystems, and communities in the vicinity of the project have already been affected by past or present activities in the project area. Characterize these resources in terms of their response to change and capacity to withstand stresses. Trends data should be used to establish a baseline for the affected resources, to evaluate the significance of historical degradation, and to predict the environmental effects of the project components.

DSC 3
WIL 1

For the cumulative impacts assessment, we recommend focusing on resources of concern or resources that are "at risk" and/or are significantly impacted by the proposed project, before mitigation. For this project, the USFWS should ensure that a thorough assessment of the cumulative impacts to bird and bat species is included, especially in the context of other wind power developments occurring nearby and on other Hawaiian islands. In general, individual projects may not significantly affect bird or bat populations, but the USFWS should look at cumulative impacts based upon the avian and bat fatalities accumulating under all future wind development scenarios in the state of Hawaii.

DAT 1

The EPA assisted in the preparation of a guidance document for assessing cumulative impacts and we recommend consideration of its use for the DEIS. While this guidance was prepared for transportation projects in California, the principles and the 8-step process outlined therein can be applied to other types of projects and offers a systematic way to analyze cumulative impacts for a project. The guidance is available at: http://www.dot.ca.gov/ser/cumulative_guidance/purpose.htm. In the introduction to the *Cumulative Impacts Section*, identify which resources are analyzed, which ones are not, and why. For each resource analyzed, the DEIS should:

DSC 3

- Identify the current condition of the resource as a measure of past impacts. For example, the percentage of species habitat lost to date.
- Identify the trend in the condition of the resource as a measure of present impacts. For example, the health of the resource is improving, declining, or in stasis.
- Identify all on-going, planned, and reasonably foreseeable projects in the study area that may contribute to cumulative impacts.
- Identify the future condition of the resource based on an analysis of impacts from reasonably foreseeable projects or actions added to existing conditions and current trends.
- Assess the cumulative impacts contribution of the proposed alternatives to the long-term health of the resource, and provide a specific measure for the projected impact from the proposed alternatives.
- When cumulative impacts are identified for a resource, mitigation should be proposed.
- Disclose the parties that would be responsible for avoiding, minimizing, and mitigating those adverse impacts.
- Identify opportunities to avoid and minimize impacts, including working with other entities.

Recommendations:
The DEIS should consider the cumulative impacts associated with multiple large-scale renewable energy projects proposed in the Hawaiian Islands and the potential impacts on various resources including: water supply, covered species, and habitat.

DSC 2

The USFWS and project proponents should consider a regional assessment of resource impacts, including cumulative impacts to avian and bat populations, given the number of wind energy projects either built or planned for the area.

ACK

Climate Change

Scientific evidence supports the concern that continued increases in greenhouse gas emissions resulting from human activities will contribute to climate change. Global warming is caused by emissions of carbon dioxide and other heat-trapping gases. On December 7, 2009, the EPA determined that emissions of GHGs contribute to air pollution that "endangers public health and welfare" within the meaning of the Clean Air Act. Potential impacts from climate change could include the following changes: poor air quality; more severe heat; increased wildfires; shifting vegetation; declining forest productivity; decreased spring snowpack; water shortages; a potential reduction in hydropower; a loss in winter recreation; agricultural damages from heat, pests, pathogens, and weeds; and rising sea levels resulting in shrinking beaches and increased coastal floods.

Recommendations:

AIR 3

The DEIS should consider how climate change could potentially influence the proposed projects, specifically within sensitive areas, and assess how the projected impacts could be exacerbated by climate change.

AIR 1
AIR 3

The DEIS should quantify and disclose the anticipated climate change *benefits* of wind energy. We suggest quantifying greenhouse gas emissions from different types of generating facilities including solar, geothermal, natural gas, coal-burning, and nuclear and compiling and comparing these values.

April 1, 2014 TTCES-4819-OUT-15-040

Theone Taala
theone.taala@byuh.edu

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

DearTheone Taala,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- Short- and long-term socioeconomic impacts to the community resulting from the Project.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.

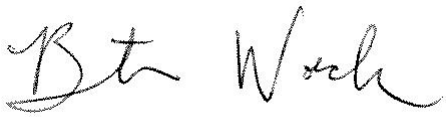
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Theone Taala** <theone.taala@byuh.edu>
Date: Tue, Nov 19, 2013 at 8:17 AM
Subject: Na Pua Makani HCP and DEIS
To: napuamakanihcp@fws.gov

Loyal Mehrhoff,

ACK

I am in total opposition of the addition of 15 500' wind turbines in Kahuku.

HAS 1
PRO 1

These turbines will be in close proximity to Kahuku schools and the Kahuku community. Independent studies have linked wind turbines to health issues that impact humans if placed in close proximity to residential areas. The proposed wind farm will be 3 times closer to our schools and residences than the existing facility. It will also be upwind - which is significant.

VIS 1
SOC 6

I am totally opposed to the wind turbines already existing in Kahuku. They are an eye sore and do not appear to benefit anyone in the islands. They are a total waste of money and time; Hawaii does not need any more wind turbines.

Theone Taala

April 1, 2015 TTCES-4819-OUT-15-041

Chris Takashige
Director, Department of Design and Construction
650 South King Street, 11th Floor
Honolulu, HI 96813

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Takashige,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. As there were no issues raised in your submittal that fall within the scope of the EIS analysis, your letter has been coded as "Comment Acknowledged."

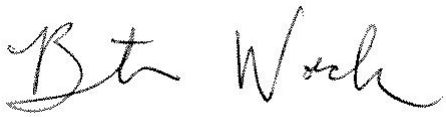
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET, 11TH FLOOR
HONOLULU, HAWAII 96813
Phone: (808) 768-8480 • Fax: (808) 768-4567
Web site: www.honolulu.gov

KIRK CALDWELL
MAYOR

CHRIS T. TAKASHIGE, P.E., CCM
DIRECTOR

MARK YONAMINE, P.E.
DEPUTY DIRECTOR

January 15, 2014

Tetra Tech, Inc.
737 Bishop Street, Suite 2340
Mauka Tower
Honolulu, Hawaii 96813

Attn: Mike Cutbirth

Dear Mr. Cutbirth:

Subject: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawaii

ACK

The Department of Design and Construction does have any comments to offer on the environmental impact statement preparation notice.

Thank you for the opportunity to review and comment. Should there be any questions, please contact me at 768-8480.

Sincerely,

for M. Yonamine

Chris T. Takashige, P.E., CCM
Director

CTT: cf (542797)

April 1, 2015 TTCES-4819-OUT-15-042

Vasa Taualii
vasa@icloud.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Taualii,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments and testimony from the public scoping meeting. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal and verbal testimony:

- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- Power generation – specifically, what the overall capacity and daily production of the Project will be, transmission line upgrades that might be needed, how much electricity will go into the HECO grid, and how much of that electricity will stay in local communities.
- Would like to see more detail on the Proposed Action and Project components (in text and represented graphically), including: wind turbine components, specifications, and materials needed

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Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

for construction of turbines; turbine upgrades (if needed); the locations of turbines, collection lines, and point of interconnection; access road construction and maintenance; plans for turbine operations and maintenance; and plans for decommissioning and site restoration.

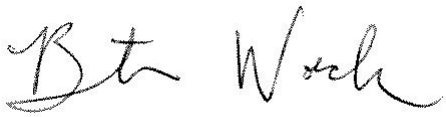
- Clarification on the purpose and need of the Project, including how the Project would fit into the larger energy market that it would serve.
- Concern that the Project would impact the quality of life for nearby communities.
- How would the Project contribute to a savings on the electrical bills of local residents, and how soon once the Project is operational could residents begin to see any potential savings.
- Wind turbines impact the scenic beauty of the wind farm site, and steps should be taken to minimize visual impacts.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **vasa taualii** <vasa@icloud.com>
Date: Wed, Jan 22, 2014 at 5:22 PM
Subject: re: Questions re Makani HCP & EIS wind turbin project in Kahuku by Champlin HI Wind Holdings
To: napuamakanihcp@fws.gov

To Whom It May Concern:

SOC 3
HAS 1
PRO 1

I am a long-standing resident in the Laie/Kahuku area and have serious concerns regarding the wind-turbine project anticipated by Champlin HI Wind Holdings, LLC. If allowed to go through, it will reduce the quality of life for area residents by affecting their health and especially impact the health issues of our children. The placement of the wind turbines in close-proximity to the Kahuku Elementary and High Schools and the homes of the local residents is in total disregard for studies which have already been done and can be verified by the Canadian Physicians website, cases of residents living in the wind-turbine areas who suffer from the negative impact of the noise, flicker and ultra-sound influence. i have the following questions:

SOC 6

1. I understand the millions of dollars to be made by the makers of Wind Turbines, the Developer, the State and private land holders subsidized by our tax dollars, but what are the specific and direct short/long-term benefits to the community as a whole?

PRO 3
PRO 4

2. If the purpose of wind turbines is to reduce fossil fuel usage, what specific studies have been made to indicate the off-setting costs of wind turbine installations. While the wind is "free," the costs of equipment, labor, land and continual maintenance are not.

PRO 2
SOC 4

3. The wind is not always constant and, therefore, there is down-time when the turbines are not turning efficiently,
what studies have been done to factor in this aspect in the cost of electricity, what are the costs for constant maintenance of the wind turbines.

SOC 4

4. If the ultimate aim is to reduce electrical costs to the area, how does taking the wind from this area to generate electricity for the "whole grid" reduce our electrical costs? Will Champlin HI Wind Holdings, LLC., guarantee residents a reduction in their electrical monthly bills and how soon will residents see this difference? How much of a savings will this add to our current electrical bill and when would this take place?

SOC 4

5. If the total costs of the wind turbine project initially raises the costs of our current electrical bills, how much will this increase be? At what point in the project do residents begin to see a "savings and reduction" in their current
electrical bill and for how long into the project?

SOC 4

6. If the project is for only a 20-year period, how soon into the 20-year period do residents wait to: l) See an increase in their electrical bill as a result of the wind turbines and by what percent of increase? 2) How long do residents keep paying for

SOC 4

this increase before they experience the promise of "reduction of electrical bills?"
3) What is the specific time-period? 4) If residents keep paying for this increase, does this mean that not only is the wind turbine project being subsidized by our tax dollars, but residents are also paying for that increase in costs. This would mean as residents, we are paying twice for the cost of electricity: once for the initial costs of the project which increases the cost of our electricity then we are having to keep paying for that increase (the costs will never go down) to maintain this project. So the big question is, how is it that we save on electrical costs from our present costs?

PRO 3

4. Who pays for the costs of maintaining the wind turbines and are these costs passed on to the consumers? Again, as tax payers, we would be paying twice, once for the initial project and then to pay for high costs of maintaining this project which keeps our electrical costs going higher and higher. Is this just?

SOC 4

5. At the end of the 20-year period, will Champlin HI Wind Holdings, LLC make available the data of the real "pay off to the consumers?" Since the prevailing reason given is that the project will reduce the costs of electricity, will there be data available to substantiate this?"

SOC 6

6. Will there also be data that will specify how much fossil-fuel-savings made as the result of the wind-turbine project compared to the total of all costs related to the initial installation, maintenance over the 20-year period? It is important to area residents to know all this information.

PRO 3

7. What will happen after the 20-year period? Who will pay for the dismantling of the wind turbines after this period?

HAS 1

8. What are other studies available by physicians who are treating residents living in approximate wind-turbine areas? Will Champlin HI Wind Holdings, LLC, be responsible for any resulting physical injuries to children and adults as a result of noise, flicker, ultrasound disturbances? Resident physicians know the state of the health of residents before the wind turbines and after the wind turbines. Will Champlin HI Wind Holdings, LLC., sign a statement of responsibility for the after affects of wind turbine impact on their health?

PRO 3

9. Info on the internet states that turbines can sometimes spin at 180 miles an hour, what are the means of measuring the speed of the turbines and also the average daily speed of the turbine? Will the public have access to this information?

SOC 4

10. Will the public have a monthly, quarterly report of how much total electricity generated from these turbines and how this data reduces/increases monthly electrical bills?

VIS 2

I respect the need for reducing fossil fuel usage but can we be assured that we are not replacing fossil fuel for an alternative that brings other equally pressing long-term issues. I love my community and the children and families who reside in this area who are immediately affected. We are also giving up the "beauty of our environment." There is nothing that sticks out like a sore thumb among our beautiful mountains and greenery than wind turbines which reduces the natural beauty for which residents and tourists alike have enjoyed to date. All you have to do is look at the existing wind mills and know immediately how much they reduce Hawaii's ambiance.
I strongly oppose this project for many other reasons the least of which it reduces the spirit of our culture as wind turbines prevents us from enjoying our mountains and surrounding land.

Sincerely,

Vasa Taualii

ACK

5. If the initial costs of the wind-turbine machinery and equipment, the installation and maintenance, land, road costs and other associated costs to build and maintain this project are available, will this data be readily available to area residents since this project is being subsidized by our tax dollars.

TETRA TECH

April 1, 2015 TTCES-4819-OUT-15-043

Herman Tuiolosega
Senior Planner
Office of Environmental Quality Control
State of Hawaii
235 South Beretania Street, Suite 702
Honolulu, HI 96813

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Tuiolosega,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Direct, indirect, and cumulative impacts to public health, visual resources, and socioeconomics for communities nearby.
- The EIS should utilize a clear methodology for analyzing direct, indirect, and cumulative impacts; proposed mitigation measures should be identified and analyzed; and past, present, and future actions should be analyzed as part of the cumulative impact analysis.
- Noise from the wind turbines associated with construction and operation of the Project impacting sensitive receptors.
- Would like to see more detail on the Proposed Action and Project components (in text and represented graphically), including: wind turbine components, specifications, and materials needed

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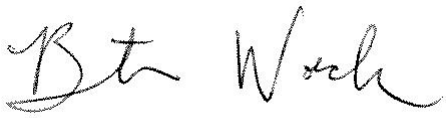
for construction of turbines; turbine upgrades (if needed); the locations of turbines, collection lines, and point of interconnection; access road construction and maintenance; plans for turbine operations and maintenance; and plans for decommissioning and site restoration.

- Compliance with both the NEPA and HEPA processes for public scoping and outreach, that community members and agencies have been adequately consulted during scoping, and will continue to be consulted with during the entire planning process.
- The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

NEIL ABERCROMBIE
GOVERNOR

VACANT
DIRECTOR

STATE OF HAWAI'I
OFFICE OF ENVIRONMENTAL QUALITY CONTROL
Department of Health
235 South Beretania Street, Suite 702
Honolulu, Hawai'i 96813
Telephone (808) 586-4185
Facsimile (808) 586-4186
Email: oeqchawaii@doh.hawaii.gov

January 23, 2013

TO: William J. Aila, Jr., Chairperson
Department of Land and Natural Resources

FROM: Herman Tuiolosega, Senior Planner
Office of Environmental Quality Control

SUBJECT: Na Pua Makani Wind Project, O'ahu Environmental Impact Statement Preparation Notice (EISPN)

The Office of Environmental Quality Control has reviewed the subject EISPN you submitted for publication in the December 23, 2013 issue of The Environmental Notice, and offer these comments:

REG 1

1. The EISPN explains the process well (including associated permits) and provides useful background information. However, as consultation is a very important part of the HEPA process and the direct to EIS option omits one layer of public participation that would otherwise occur through the EA process, it is important for agencies and preparers to undertake comprehensive consultation prior to and during the preparation of the Draft EIS (DEIS).

PRO 3

2. Although the design and development of the Na Pua Makani Wind Project are still in early stages, a sufficient amount of project description detail is necessary to help readers fully understand the proposed action.

   The EISPN identifies that the project consists of the construction of up to 15 turbines. Along with the supporting infrastructure that currently includes met towers, access roads, wind turbine assembly lay down areas, overhead and underground transmission and collector lines, and may also include an on-site substation, and an operations and maintenance building. It is recommended to describe these project components in much more detail to help readers to submit more refined scoping comments in the review of the DEIS. Further background information and project detail may also assist readers in commenting on the particular items you are seeking input on listed on page 3 of the EISPN. It's

important to stress that an EIS should convey information succinctly in easily understandable forms and address the environmental effects.

DSC 3
PRO 3

3. The TMKs are provided on the publication form and the EISPN includes a section that describes the existing conditions of the parcels and a project vicinity map. However, detailed maps that clearly illustrate the size of the parcels, existing agricultural uses, the topography, etc. are not included in the EISPN document. This makes it difficult to get a sense of the receiving environment and the potential impacts of the proposed wind turbines. It is recommended to include detailed maps and accurate visual representations of the wind turbines in the DEIS. Clarification on how the assessment would identify environmentally sensitive areas and how mitigation planning for these potential impacts will also be useful.

REG 3

4. The NA Pua Makani Wind Project EISPN explains the process and the intention to prepare a joint HEPA/NEPA document. It is noted that the Notice of Intent (NOI) was published in the Federal Register on Tuesday, November 5, 2013 and contains similar information that is presented in the EISPN. It's important to remember that NEPA documents do not sufficiently address all issues of concern in Hawaii. In particular cultural impact and environmental justice assessments are areas where content requirements may differ. To assist DLNR in identifying the HEPA EIS content requirements (prescribed in Section 11-200-18, HAR), it is recommended to clearly identify these elements in the document.

NOI 1
DSC 1

5. Also, it may be helpful for you to know that a recent EIS for a wind turbine project on O'ahu raised community concerns, due to a visual impact study that some residents considered a misrepresentation of the now built turbines. The noise impacts were also identified by community members as an area for concern. Therefore, both a robust visual impact assessment and noise analysis are recommended in the DEIS.

ACK

Thank you for the opportunity to comment on the subject document. Feel free to contact Genevieve Hilliard at (808) 586-4185 for any questions.

Copy: Champlin Hawai'i Wind Holdings, LLC

April 1, 2015 TTCES-4819-OUT-15-044

Cindy Tutor
55-488 Iosepa St
Laie, HI 96762
tutorc@hotmail.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Tutor,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submissions are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittals:

- Would like to see alternative energy solutions analyzed, including solar, geothermal, personal photovoltaic systems, and geothermal as part of the alternatives analysis.
- An alternate location for the Project should be analyzed (e.g. moving turbines further inland, different location on Oahu) due to the current Project's close proximity to the community and schools.
- Recommended specific studies and reports to be reviewed for inclusion in the EIS, or made data requests related to specific issues for inclusion in the EIS.
- Recommended visual simulations of the Project be included in the EIS
- The EIS should address any disproportionate adverse impacts to minority and low-income populations, and should reflect coordination with those affected populations.

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Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

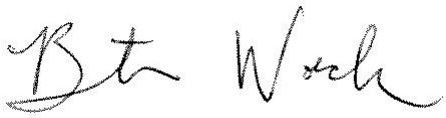
- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- Safety impacts to community members related to wind turbine mechanical issues, such as blade throw or turbine collapse should be discussed and analyzed.
- The existing condition of the land and land uses within the wind farm site.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- The City and County of Honolulu setback distance regarding proximity of wind turbines to residences is insufficient and must be updated to reflect safe distances.
- The construction and operation of the Project must be in compliance with all federal, state, and county regulations, plans, and policies; Champlin must obtain applicable federal, state, and county permits.
- Concerned about the details of the community benefits package.
- How would the Project contribute to a savings on the electrical bills of local residents, and how soon once the Project is operational could residents begin to see any potential savings.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Cindy Tutor** <tutorc@hotmail.com>
Date: Wed, Jan 22, 2014 at 10:04 PM
Subject: Na pua Makani HCP and EIS
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>, "william.j.aila@hawaii.gov" <william.j.aila@hawaii.gov>, "Brita.Woeck@tetratech.com" <brita.woeck@tetratech.com>

HAS 1

Aloha,
I'm writing in opposition to Na Pua Makani Wind Project by Champlin/West Wind Works, docket #2013-0423 for the following reasons:

Health Impact - loss of sleep, lack of concentration, heart palpitations, lethargy, motion sickness, depression.

DAT 1
HAS 1

Attached are 3 documents

1-Wind Turbine Noise: What Audiologists Should Know
2-Bruce McPherson's Infrasound and Low Frequency Noise Study
These are excellent studies on the effects of Wind Turbines on health which show how detrimental the effects of industrial wind turbines on nearby residents.

The third attachment, WTS (Wind Turbine Syndrome) and Health Effects contains the findings of a panel of doctors including Dr. Robert McCunney hired by AWEA (American Wind and Energy Association). Mike Cutbirth was formerly the director of AWEA and is now the developer for the Na Pua Makani Wind Project. I would be highly suspicious of the motivation behind McCunney and his findings.

REG 2

Setback is not far enough-industry standards recommend it should be a minimum of 5 times the wing span. Choosing to err on the side of caution, I suggest 2 miles which would eliminate almost all possible health impacts.

SOC 1
SOC 4

Community benefits although Kahuku and it's surrounding communities will be the ones who will bear the burden of living with the noise, possible dangers, and unsightliness, they are not given any long term benefits of HECO credits or other compensations. The financial benefits from the former project went to organizations outside of Kahuku. KAHUKU HAS NOT BENEFITTED AT ALL FROM THE FIRST WIND PROJECT. Therefore, there is a ZERO degree of confidence that they will benefit from any future projects.

REG 3

Contradicts the Ko'olauloa SCP Vision "to preserve the region's overall rural character and its
natural, cultural and scenic resources."

ALT 2

Other locations-The Federal Government and DOD owns land further inland that would be more desirable locations for the wind turbines. That seems like a win-win situation. The Federal Govt can benefit from lease revenues as well as HECO payments.

ACK

I beg of you to please consider these and other objections presented by other community members as you contemplate the approval of this project. I am Cindy Fonoimoana Tutor, a resident of Ko'olauloa for 45+ years. I oppose the Na Pua Makani Wind Project.

Mahalo for your Kokua!
Cindy F. Tutor
55-488 Iosepa St.
Laie, HI 96762

From: Cindy Tutor [mailto:tutorc@hotmail.com]
Sent: Thursday, January 23, 2014 12:05 AM
To: napuamakanihcp@fws.gov; william.j.aila@hawaii.gov; Woeck, Brita
Subject: Na pua Makani HCP and EIS

HAS 1

Aloha,
I'm writing in opposition to Na Pua Makani Wind Project by Champlin/West Wind Works, docket #2013-0423 for the following reasons:

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SOC 4

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ACK

I beg of you to please consider these and other objections presented by other community members as you contemplate the approval of this project. I am Cindy Fonoimoana Tutor, a resident of Ko'olauloa for 45+ years. I oppose the Na Pua Makani Wind Project.

Mahalo for your Kokua!
Cindy F. Tutor
55-488 Iosepa St.
Laie, HI 96762

---------- Forwarded message ----------
From: **Cindy Tutor** <tutorc@hotmail.com>
Date: Mon, Dec 2, 2013 at 5:36 PM
Subject: I oppose the proposed wind farm projects in Kahuku
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>

ACK

Aloha,
I oppose the new wind farm projects in Kahuku!

The majority of the community is against it as well. Do not believe the Kahuku Community Association President and her grandfather who are railroading these project through without the knowledge or consent of the other officers. Jr. Primacio did not disclose to the association and other officers, information regarding the THIRD proposed project! Something is very wrong here!

ALT 2
SOC 4

The Koolauloa communites should not sacrifice any more land, sleep or scenery for the sake of the rest of the island. There's lots of wind in other areas on the island. The community does NOT receive any benefits from the current wind farm. No one's electric bill has decreased since the First Wind install. Nor do they get any power from the wind mills in the event of a power outage. This is not about "not in my backyard". This is about sharing the costs and benefits.

REG 2
LAN 1

The law regarding the proximity of windmills to residences must be updated. It was originally written when windmills were proportionally smaller. The proposed farms could be installed a mile further inland. It is unwise to restrict the Kahuku Community's growth by more of these Goliath turbines.

ACK

In 1980 the largest wind turbine in the world was installed in Kahuku. It operated for a few years and then died. After which we had to put up with the monstrosity for almost 10 years as it slowly decayed and rusted.

Yes, we need alternative energy and wind may be a viable option. Just not so close to residential areas no matter where on the island they are.

Please DO NOT approve the Kahuku Wind Farm Project.

Mahalo,
Cindy Tutor

---------- Forwarded message ----------
From: **Cindy Tutor** <tutorc@hotmail.com>
Date: Mon, Dec 2, 2013 at 6:22 PM
Subject: Na Pua Makani HCP and DEIS
To: "napuamakanihcp@fws.gov" <napuamakanihcp@fws.gov>

ACK

Aloha,
Please DO NOT approve the Kahuku Wind Farm Project.

PRO 1
REG 2
HAS 2

The law regarding the proximity of windmills to residences must be updated. It was originally written when windmills were proportionally smaller. It is unsafe to install more of these Goliath turbines so close to the community and especially elementary and high school structures. The proposed wind farms will be significantly closer to the community than the current ones. AND the schools will be down hill from them. Should a catastrophic event occur causing the blades to come off, it is reasonable to believe that the children could be in danger.

ALT 1

Yes, we need alternative energy and wind may be a viable option. New technology exists that does not require such a large footprint.

Please DO NOT approve the Kahuku Wind Farm Project.

Mahalo,
Cindy Tutor

April 1, 2015 TTCES-4819-OUT-15-045

Tim Vandeveer
Co-Chair, Defend Oahu Coalition
defendoahucoalition@gmail.com

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Vandeveer,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- Health impacts resulting from noise (infrasound and audible) such as headaches, loss of sleep, and lack of concentration as well as health impacts resulting from shadow flicker that may affect community members who live within close proximity to the Project should be discussed and analyzed.
- The proposed locations for the wind turbines are too close to residences and schools, and potential impacts should be analyzed. The EIS should show distances from the closest turbines to the elementary and high schools, the community boundary, and nearest residences.
- The construction and operation of the Project must be in compliance with all federal, state, and county regulations, plans, and policies; Champlin must obtain applicable federal, state, and county permits.

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1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

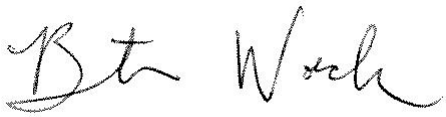
- Concern that the Project would impact the quality of life for nearby communities.
- Short- and long-term socioeconomic impacts to the community resulting from the Project.

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **DOC** <defendoahucoalition@gmail.com>
Date: Wed, Dec 4, 2013 at 9:01 PM
Subject: Na Pua Makani HCP and DEIS
To: napuamakanihcp@fws.gov

To whom it may concern-

ACK

The Defend Oahu Coalition is a diverse group of community residents, environmentalists, activists and religious leaders, all working together toward one immediate goal: protecting communities on Oahu from the dangerous effects of large scale development. As such, Defend Oahu Coalition is opposed to the large scale windmill development currently being proposed in the Na Pua Makani Draft Environmental Impact Statement (DEIS).

SOC 6
REG 3

Our coalition and the vast majority of Hawai'i residents are in strong support of renewable energy development (including solar, wave and wind) in our islands. Regardless of the source however, renewable energy developers must consider impacts that projects would have on residents as well as the sentiment of potential host communities in regard to proposed development. Large scale projects (such as wind farms) must be properly vetted and reviewed before being allowed to move forward. It is crucial that developers address resident concerns regarding size, scale and safety, and build consensus amongst those who would be affected most.

ACK

Our communities are tight-knit, especially in the rural Oahu, and if large scale energy development is perceived as dangerous or forced upon an unwilling public, it threatens the success of all renewable projects because developers are seen as putting profits ahead of people. This is unacceptable. As Dr. Martin Luther King Jr. said "injustice anywhere is a threat to justice everywhere." Defend Oahu Coalition works on land use policy and enforcement so we can realize a future for our island home that is truly sustainable. We recognize the role that renewable energy plays and are committed to ensuring that nothing threatens that future.

HAS 1
PRO 1
SOC 3

The Kahuku Community Association (KCA) has taken a position against any additional wind mills in the area, yet this developer is quietly moving ahead against the wishes of the host community. For this project in particular, residents have serious safety concerns that have not been addressed. Independent studies have linked wind turbines to negative health impacts for humans if placed in close proximity to residential areas. The proposed Na Pua Makani wind farm will be three times closer to schools and residences than the existing wind turbines. Also significant is the way in which the windmills would be situated upwind of many homes. This could also result in substantial negative impacts on the quality of life for many residents.

WIL 3

As the accepting authority, U.S. Fish and Wildlife should also insist that potential impacts on native fauna (i.e. bats or birds from the nearby James Campbell Wildlife Refuge) be rigorously studied and that developers make sure that minimal loss of wildlife occurs before the project is allowed to move forward.

ACK

For these reasons Defend Oahu Coalition opposes the wind farm project currently being proposed in the Na Pua Makani DEIS.

Mahalo for your time.

Tim Vandeveer
Co-Chair, Defend Oahu Coalition
808-388-0660
www.defendoahucoalition.org

April 1, 2015 TTCES-4819-OUT-15-046

Daniel Whitney
Colonel
U.S. Army Installation Management Command, Pacific Region
851 Wright Ave
Wheeler Army Airfield
Schofield Barracks, HI 96857-5000

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Col. Whitney,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- An alternate location for the Project should be analyzed (e.g. moving turbines further inland, different location on Oahu) due to the current Project's close proximity to the community and schools.
- Potential negative impacts to U.S. Army training facilities located adjacent to the wind farm site should be analyzed.
- Compliance with both the NEPA and HEPA processes for public scoping and outreach, that community members and agencies have been adequately consulted during scoping, and will continue to be consulted with during the entire planning process.

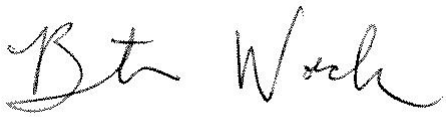
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

As you are aware, we are engaging in ongoing coordination with the Department of Army.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Naki, Brenda A CIV (US)** <brenda.a.naki.civ@mail.mil>
Date: Wed, Jan 22, 2014 at 2:25 PM
Subject: Sent on behalf of COL Daniel Whitney - USAG-HI (UNCLASSIFIED)
To: "NaPuaMakanihcp@fws.gov" <NaPuaMakanihcp@fws.gov>
Cc: "governor.abercrombie@hawaii.gov" <governor.abercrombie@hawaii.gov>, "susan.n.richey@hawaii.gov" <susan.n.richey@hawaii.gov>, "mayor@honolulu.gov" <mayor@honolulu.gov>, "loyal_mehroff@fws.gov" <loyal_mehroff@fws.gov>

Classification: UNCLASSIFIED
Caveats: NONE

Aloha Mr. Cutbirth,

ACK

As requested, please see attached letter sent on behalf of COL Daniel Whitney, Commander, U.S. Army Garrison, Hawaii.

v/r,
Brenda Naki
Office of the Garrison Commander
(808) 656-1153

Classification: UNCLASSIFIED
Caveats: NONE

DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND, PACIFIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON, HAWAII
851 WRIGHT AVENUE, WHEELER ARMY AIRFIELD
SCHOFIELD BARRACKS, HAWAII 96857-5000

REPLY TO
ATTENTION OF:

January 21, 2014

Office of the Commander

Mr. Mike Cutbirth
Champlin Hawaii Wind Holdings, LLC
2020 Alameda Padre Serra, Suite 123
Santa Barbara, CA 93103

Dear Mr. Cutbirth:

ACK

LAN 3
ALT 2

REG 1

I am writing to comment on your proposed wind project at Kahuku, Oahu, Hawaii. The land for the Na Pua Makani project borders the United States Army Garrison – Hawaii (USAG-HI) Kahuku Training Area (KTA). The KTA is an active Army training area where helicopter operations and ground maneuver training are performed throughout the year by Army and Marine units. KTA is the site of the recently completed Combined Arms Collective Training Facility (CACTF).

The proposed Na Pua Makani project would have a significant negative impact on U.S. Army training in the KTA and the CACTF. The operation of fifteen 440 ft. wind turbines directly adjacent to this USAG-HI training area will be detrimental to aviation training operations and unmanned aerial vehicle (UAV) use. Ground maneuvers will also be negatively impacted by interference with radio transmissions and GIS transmitters. Therefore, I am requesting that you select an alternative location for your project.

USAG-HI has not been engaged by your community outreach program and the existence of the Kahuku Training Area is not acknowledged in the description of existing conditions for the project. Further communication regarding your project may be forthcoming from the Department of Defense. However, as USAG-HI Garrison Commander, I am transmitting my comment now to meet the deadline of January 22, 2014.

Sincerely,

Daniel W. Whitney
Colonel, U.S. Army
Commanding

CF:
Brita Woeck
Governor Neil Abercrombie
Mayor Kirk Caldwell
Mr. William Aila
Dr. Loyal Mehrhoff

April 1, 2014 TTCES-4819-OUT-15-047

Casey Willis
Infinity Wind Power
3760 State St., Suite 102
Santa Barbara, CA 93105

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Willis,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. As there were no issues raised in your submittal that fall within the scope of the EIS analysis, your letter has been coded as "Comment Acknowledged."

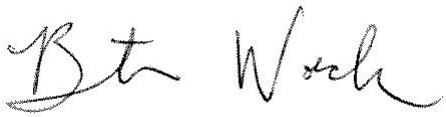
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

---------- Forwarded message ----------
From: **Casey Willis** <cwillis@infinitywind.com>
Date: Sat, Nov 9, 2013 at 12:41 PM
Subject: Na Pua Makani Distribution List
To: "NaPuaMakanihcp@fws.gov" <NaPuaMakanihcp@fws.gov>

To whom it may concern,

ACK

Can you please add my email list to the distribution list for the Na Pua Makani ITP application.

Thanks,

Casey Willis

Infinity Wind Power

3760 State St., Suite 102 | Santa Barbara, CA 93105

O 805.569.6185 | M 805.701.1979 | F 805.569.6190

April 1, 2015 TTCES-4819-OUT-15-048

Alec Wong, PE
Chief
Department of Health, Clean Water Branch
PO Box 3378
Honolulu, HI 96801

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Wong,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

- The construction and operation of the Project must be in compliance with all federal, state, and county regulations, plans, and policies; Champlin must obtain applicable federal, state, and county permits.

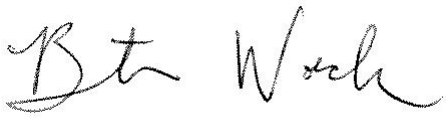
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,

Tetra Tech Inc.



Brita Woeck

Project Manager, Na Pua Makani Wind Project EIS

Cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC

Alicia Oller, Tetra Tech, Inc.

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

LORETTA J. FUDDY, A.C.S.W., M.P.H.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
EMO/CWB

12076PCTM.13

December 26, 2013

Mr. Mike Cutbirth
Tetra Tech, Inc.
737 Bishop Street, Suite 2340, Mauka Tower
Honolulu, Hawaii 96813

Dear Mr. Cutbirth:

SUBJECT: Comments on the Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project Kahuku, Island of Oahu, Hawaii

REG 3

The Department of Health (DOH), Clean Water Branch (CWB), acknowledges receipt of your letter, dated December 20, 2013, requesting comments on your project. The DOH-CWB has reviewed the subject document and offers these comments. Please note that our review is based solely on the information provided in the subject document and its compliance with the Hawaii Administrative Rules (HAR), Chapters 11-54 and 11-55. You may be responsible for fulfilling additional requirements related to our program. We recommend that you also read our standard comments on our website at: http://health.hawaii.gov/epo/files/2013/10/CWB_Oct22.pdf

REG 3

1. Any project and its potential impacts to State waters must meet the following criteria:

   a. Antidegradation policy (HAR, Section 11-54-1.1), which requires that the existing uses and the level of water quality necessary to protect the existing uses of the receiving State water be maintained and protected.

   b. Designated uses (HAR, Section 11-54-3), as determined by the classification of the receiving State waters.

   c. Water quality criteria (HAR, Sections 11-54-4 through 11-54-8).

2. National Pollutant Discharge Elimination System (NPDES) permit coverage is required for pollutant discharges into State surface waters and for certain situations involving storm water (HAR, Chapter 11-55).

   a. Discharges into Class 2 or Class A State waters can be covered under an NPDES general permit only if all of the NPDES general permit requirements are met. Please see the DOH-CWB website (http://health.hawaii.gov/cwb/) for the NPDES general permits and instructions to request coverage.

REG 3

b. All other discharges into State surface waters and discharges into Class 1 or Class AA State waters require an NPDES individual permit. To request NPDES individual permit coverage, please see the DOH-CWB forms website located at: http://health.hawaii.gov/cwb/site-map/clean-water-branch-home-page/forms/

c. NPDES permit coverage for storm water associated with construction activities is required if your project will result in the disturbance of one (1) acre or more of total land area. The total land area includes a contiguous area where multiple separate and distinct construction activities may be taking place at different times on different schedules under a larger common plan of development or sale. NPDES permit coverage is required before the start of the construction activities.

   Land disturbance includes, but is not limited to clearing, grading, grubbing, uprooting of vegetation, demolition (even if leaving foundation slab), staging, stockpiling, excavation into pavement areas which go down to the base course, and storage areas (including areas on the roadway to park equipment if these areas are blocked off from public usage, grassed areas, or bare ground).

3. If your project involves work in, over, or under waters of the United States, it is highly recommend that you contact the Army Corp of Engineers, Regulatory Branch (Tel: 438-9258) regarding their permitting requirements.

   Pursuant to Federal Water Pollution Control Act [commonly known as the "Clean Water Act" (CWA)], Paragraph 401(a)(1), a Section 401 Water Quality Certification (WQC) is required for "[a]ny applicant for Federal license or permit to conduct any activity including, but not limited to, the construction or operation of facilities, which may **result** in any discharge into the navigable waters..." (emphasis added). The term "discharge" is defined in CWA, Subsections 502(16), 502(12), and 502(6); Title 40 of the Code of Federal Regulations, Section 122.2; and Hawaii Administrative Rules (HAR), Chapter 11-54.

4. Please note that all discharges related to the project construction or operation activities, whether or not NPDES permit coverage and/or Section 401 WQC are required, must comply with the State's Water Quality Standards. Noncompliance with water quality requirements contained in HAR, Chapter 11-54, and/or permitting requirements, specified in HAR, Chapter 11-55, may be subject to penalties of $25,000 per day per violation.

12076PCTM.13

ACK

If you have any questions, please visit our website at: http://health.hawaii.gov/cwb, or contact the Engineering Section, CWB, at (808) 586-4309.

Sincerely,

Darryl Lum for AW

ALEC WONG, P.E., CHIEF
Clean Water Branch

CTM:rh

April 1, 2015 TTCES-4819-OUT-15-049

Leo R. Asuncion
Acting Director
Office of Planning
State of Hawaii
P.O. Box 2359
Honolulu, HI 96804

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Asuncion,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives. Note that the Draft EIS will include a discussion of the proposed Project's conformance with land use plans and policies.

Your comment submissions are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

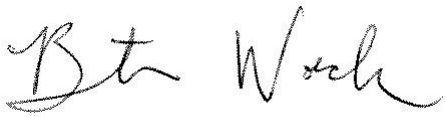
- The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.
- Water resources impacts including water sources for the Project, sediment run-off, and potential effects to coastal zones should all be analyzed in the Environmental Impact Statement.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

OFFICE OF PLANNING
STATE OF HAWAII

DAVID Y. IGE
GOVERNOR

LEO R. ASUNCION
ACTING DIRECTOR
OFFICE OF PLANNING

235 South Beretania Street, 6th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

Telephone: (808) 587-2846
Fax: (808) 587-2824
Web: http://planning.hawaii.gov/

Ref. No. P-14590

December 1, 2014

Mr. Mike Cutbirth
Tetra Tech, Inc.
737 Bishop Street, Suite 2340
Mauka Tower
Honolulu, Hawaii 96813

Dear Mr. Cutbirth:

Subject: Environmental Impact Statement Preparation Notice – Na Pua Makani Wind Project, Kahuku Hawaii, TMK: (1) 5-6-008:006 (por); (1) 5-6-006:018, 32, 33, 34, 35, 47, 48, 49, 50, 51, 52, 54, 55, 56 (por); (1) 5-6-074:005:018 (por)

Thank you for the opportunity to provide comments on the Environmental Impact Statement Preparation Notice (EISPN) for the proposed Na Pua Makani Wind Project. It is our understanding that this project proposes to construct a wind farm generating a capacity of approximately 25 megawatts, consisting of 10 wind turbines, an onsite substation, operations and maintenance facilities, an electrical collection system, a 34.5 kilowatt HECO-owned transmission line, and grid construction access route along existing public roadways.

Based on our review of the documents provided to our office, by letter dated November 8, 2014, we have the following comments to offer:

1. The Office of Planning (OP) provides technical assistance to state and county agencies in administering the statewide planning system set forth in Hawaii Revised Statutes (HRS) Chapter 226, the Hawaii State Plan. The Hawaii State Plan provides goals, objectives, priorities, and priority guidelines for growth, development, and the allocation of resources throughout the State. The Hawaii State Plan includes diverse policies and objectives of state interest including but not limited to the economy, agriculture, the visitor industry, federal expenditure, the physical environment, facility systems, socio-cultural advancement, and sustainability.

   The Draft Environmental Impact Statement (Draft EIS) should include an analysis on the Hawaii State Plan, HRS Chapter 226, in a section that addresses the project's conformity or conflict with state and county plans, policies, and controls. The analysis should include a discussion on the project's ability to meet all of the objectives and policies listed in HRS Chapter 226.

REG 3

2. OP is the lead agency for the Hawaii CZM Program. The coastal zone management area is defined as "all lands of the State and the area extending seaward from the shoreline to the

limit of the State's police power and management authority, including the U.S. territorial sea" see HRS § 205A-1 (definition of "coastal zone management area").

REG 3

The Draft EIS shall include a statement in a section that addresses how the project conforms or is in conflict with state and county plans, policies, and controls. The statement should include a discussion of the proposed project's ability to meet all of the objectives and policies set forth in HRS § 205A-2. Where a conflict or inconsistency exists, the statement must describe the extent to which the applicant has reconciled its proposed action with this statute. These objectives and policies include: recreational resources, historic resources, scenic and open space resources, coastal ecosystems, economic uses, coastal hazards, managing development, public participation, beach protection, and marine resources.

REG 3

3. The national Coastal Zone Management Act requires direct federal activities and development projects to be consistent with approved state coastal programs to the maximum extent practicable. OP is the lead state agency to conduct this evaluation. This project may need to be evaluated on Federal Consistency requirements since the project will require United States Army Corps of Engineers Clean Water Act Section 401, 402, and 404 approval.

WAT 1

4. The information provided to our office does address storm water runoff and drainage. Please consider utilizing OP's *Stormwater Impact Assessment* to identify and evaluate information on hydrology, stressors, sensitivity of aquatic and riparian resources, and management measures to control runoff occurrences. In particular, please examine the section on Low-Impact Development Concepts, which include decentralized micro-scale controls that infiltrate, filter, store, re-use, evaporate, and detain runoff close to its source.

   This guidance document will assist in integrating stormwater impact assessment within your review process. The purpose of this document is to provide guidance on assessing stormwater impacts in the planning phase of project development. The goal is to provide a suggested framework and various tools for integrating stormwater impacts assessment. These concepts are listed on pages 14-16 of the *Stormwater Impact Assessment* guidance. This can be found at http://files.hawaii.gov/dbedt/op/czm/initiative/stomwater_imapct/final_stormwater_impact_assessments_guidance.pdf.

If you have any questions regarding this comment letter, please contact Josh Hekekia of our Hawaii CZM Program at 587-2845.

Sincerely,

Leo R. Asuncion
Acting Director

April 1, 2015 TTCES-4819-OUT-15-050

Ford N. Fuchigami
Director of Transportation
Department of Transportation
State of Hawaii
869 Punchbowl Street
Honolulu, HI 96813-5097

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments, STP 8.1725

Dear Mr. Fuchigami,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submissions are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

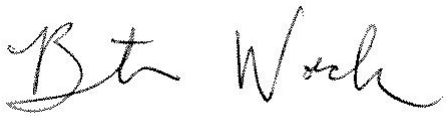
- Would like to see more detail on the Proposed Action and Project components (in text and represented graphically), including: wind turbine components, specifications, and materials needed for construction of turbines; turbine upgrades (if needed); the locations of turbines, collection lines, and point of interconnection; access road construction and maintenance; plans for turbine operations and maintenance; and plans for decommissioning and site restoration.
- The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

DAVID Y. IGE
GOVERNOR

FORD N. FUCHIGAMI
INTERIM DIRECTOR

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

IN REPLY REFER TO:
STP 8.1725

December 10, 2014

Mr. Mike Cutbirth
Tetra Tech, Inc.
737 Bishop Street, Suite 2340
Mauka Tower
Honolulu, Hawaii 96813

Dear Mr. Cutbirth:

Subject: Na Pua Makani Wind Project
Environmental Impact Statement Preparation Notice (EISPN)
Kahuku, Oahu
TMK: (1) 5-6-008:006, var.; 5-6-005:018

Our Department of Transportation's (DOT) comments on the subject project are as follows:

Airports Division

PRO 3

1. The developer should provide specific geographic locations for the wind turbines, permanent and temporary met towers, and any temporary construction equipment, such as, but not limited to cranes, so that they may be included in aeronautical charting to ensure aircraft operators are aware of the potential hazard.

REG 3

2. The developer should submit Federal Aviation Administration Advisory (FAA) Form 7460-1 "Notice of Proposed Construction or Alteration," for construction of the proposed horizontal-type wind turbine. Additionally, a copy of the FAA determination should be submitted to the Airports Division.

Highways Division

REG 3

The subject project is not expected to significantly impact the State highway facility. However, the developer and their contractors shall conform to established procedures for movement of large and oversized loads on State highway facilities.

If there are any questions, please contact Mr. Norren Kato of the DOT Statewide Transportation Planning Office at telephone number (808) 831-7976.

Sincerely,

FORD N. FUCHIGAMI
Interim Director of Transportation

April 1, 2015 TTCES-4819-OUT-15-051

Louis M. Kealoha
Chief of Police
City and County of Honolulu
801 South Beretania Street
Honolulu, HI 96813

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Kealoha,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

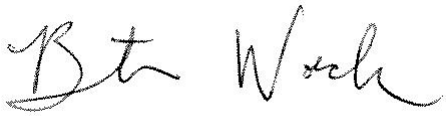
Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. As there were no issues raised in your submittal that fall within the scope of the EIS analysis, your letter has been coded as "Comment Acknowledged."

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

POLICE DEPARTMENT

CITY AND COUNTY OF HONOLULU

801 SOUTH BERETANIA STREET · HONOLULU, HAWAII 96813
TELEPHONE: (808) 529-3111 · INTERNET: www.honolulupd.org

KIRK CALDWELL
MAYOR

LOUIS M. KEALOHA
CHIEF

DAVE M. KAJIHIRO
MARIE A. McCAULEY
DEPUTY CHIEFS

OUR REFERENCE MT-DK

November 18, 2014

Mr. Mike Cutbirth
c/o Tetra Tech, Inc.
Mauka Tower
737 Bishop Street, Suite 2340
Honolulu, Hawaii 96813

Dear Mr. Cutbirth:

This is in response to a letter (dated November 8, 2014) from Brita Woeck of Tetra Tech, Inc., requesting comments or concerns on an Environmental Impact Statement Preparation Notice for the Na Pua Makani Wind Project in Kahuku.

ACK

This project should have no significant impact on the services or operations of the Honolulu Police Department.

If there are any questions, please call Major Ryan J. Borges of District 4 (Kailua-Kaneohe-Kahuku) at 723-8639.

Thank you for the opportunity to review this project.

Sincerely,

LOUIS M. KEALOHA
Chief of Police

By
MARK TSUYEMURA
Management Analyst VI
Office of the Chief

Serving and Protecting With Aloha

April 1, 2015 TTCES-4819-OUT-15-052

Ernest Y. W. Lau, P.E.
Manager and Chief Engineer
Board of Water Supply
City and County of Honolulu
630 South Beretania Street
Honolulu, HI 96843

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Lau,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in your submittal:

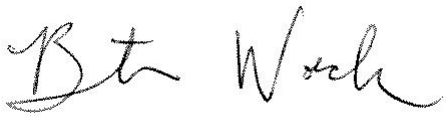
- Fire hazards associated with the Project's construction and operation including facility electrical failure and the identification of appropriate safety measure to address fire preparedness and emergency response.
- The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits. The construction drawings will be submitted to the Board of Water Supply for review.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8696 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

BOARD OF WATER SUPPLY

CITY AND COUNTY OF HONOLULU
630 SOUTH BERETANIA STREET
HONOLULU, HI 96843

November 26, 2014

KIRK CALDWELL, MAYOR

DUANE R. MIYASHIRO, Chair
ADAM C. WONG, Vice Chair
MAHEALANI CYPHER
THERESIA C. McMURDO
DAVID C. HULIHEE

ROSS S. SASAMURA, Ex-Officio
ROSS M. HIGASHI, Ex-Officio

ERNEST Y. W. LAU, P.E.
Manager and Chief Engineer

ELLEN E. KITAMURA, P.E.
Deputy Manager and Chief Engineer

Mr. Mike Cutbirth
c/o Tetra Tech, Inc.
737 Bishop Street, Suite 2340
Honolulu, Hawaii 96813

Dear Mr. Cutbirth:

Subject: The Letter Dated November 8, 2014 on the Environmental Impact Statement Preparation Notice for the Na Pua Makani Wind Farm Project in Kahuku - Tax Map Key: 5-6-008: 006; 5-6-006: 018, 32, 33, 34, 35, 47, 48, 49, 50, 51, 52, 54, 55, 56, 5-6-005:018

Thank you for the opportunity to comment on the proposed wind farm project.

REG 3

The project is in the vicinity of Board of Water Supply (BWS) Kahuku wells, transmission mains and 228' reservoir. We have future plans to install a second reservoir at the site and will require sufficient setback around the entire facility. The construction drawings should be submitted to BWS for review.

HAS 3

The on-site fire protection requirements should be coordinated with the Fire Prevention Bureau of the Honolulu Fire Department.

If you have any questions, please contact Robert Chun, Project Review Branch of our Water Resources Division, at 748-5443.

Very truly yours,

for ERNEST Y. W. LAU, P.E.
Manager and Chief Engineer

April 1, 2015 TTCES-4819-OUT-15-053

Laura Leialoha Phillips McIntyre, AICP
Program Manager, Environmental Planning Office
Department of Health
State of Hawaii
P.O. Box 3378
Honolulu, HI 96801-3378

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments, EPO 14-242

Dear Ms. McIntyre,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submissions are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issue was raised in your submittal:

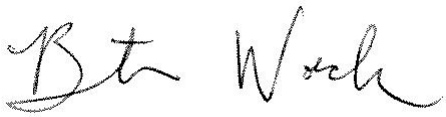
- The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. This topic will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

LINDA ROSEN, M.D., M.P.H.
DIRECTOR OF HEALTH

In reply, please refer to:
File:
EPO 14-242

November 10, 2014

Mr. Mike Cutbirth
C/O Tetra Tech, Inc.
737 Bishop St., Suite 2340
Mauka Tower
Honolulu, Hawaii 96813
Via email to: brita.woeck@tetratech.com

Dear Mr. Cutbirth:

SUBJECT: Na Pua Makani Wind Project, Koolauloa

The Department of Health (DOH), Environmental Planning Office (EPO), acknowledges receipt of your correspondence, dated November 8, 2014 to the Department's Director's office. Thank you for allowing us to review and comment on the proposed project available for public review on the OEQC website at: http://oeqc.doh.hawaii.gov/Shared%20Documents/EA_and_EIS_Online_Library/Oahu/2010s/2014-11-08-OA-5E-Na-Pua-Makani-Wind-Project.pdf

REG 3

The document will be routed electronically to the relevant Environmental Health divisions, branches, and offices. They will provide specific comments to you if necessary. EPO recommends that you review the standard comments at: http://health.hawaii.gov/epo/home/landuse-planning-review-program/. You are required to adhere to all applicable standard comments.

REG 3

We encourage you to examine and utilize the Hawaii Environmental Health Portal. The portal provides links to our e-Permitting Portal, Environmental Health Warehouse, Groundwater Contamination Viewer, Hawaii Emergency Response Exchange, Hawaii State and Local Emission Inventory System, Water Pollution Control Viewer, Water Quality Data, Warnings, Advisories and Postings. The Portal is continually updated. Please visit it regularly at: https://eha-cloud.doh.hawaii.gov

REG 3

The EPO agrees with your Table 2 on page eight that this project may require permit/approval from the State of Hawaii Department of Health in regards to:

- Clean Water Act Compliance (Sections 401/ 402 / 404)
- Noise
- Air Quality

We are pleased that this project would encourage the use of sustainable energy and the reduction of fossil fuels.

Mahalo nui loa,

Laura Leialoha Phillips McIntyre, AICP
Program Manager, Environmental Planning Office

c: CWB, IRHB, & CAB

April 1, 2015 TTCES-4819-OUT-15-054

Steve Molmen
Supervising Land Agent
Land Division
Department of Land and Natural Resources
State of Hawaii
1151 Punchbowl Street, Suite 220
Honolulu, HI 96809-0621

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Molmen,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received the written comments you submitted from several DLNR divisions, including on December 4, 2014 from the Land Division – Oahu District, Office of Conservation & Coastal Lands, and Engineering Division, and on December 18, 2014 from the Commission on Water Resource Management. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

The DLNR comment submissions are attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issues were raised in the DLNR submittal:

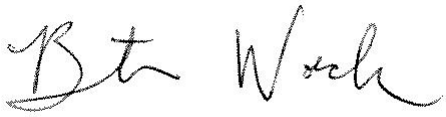
- Would like to see mitigation measures and Best Management Practices related to water resources, including water quality, landscape irrigation, and stormwater management.
- The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.
- Water resources impacts including water sources for the Project, sediment run-off, and potential effects to coastal zones should all be analyzed in the Environmental Impact Statement.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. These topics will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

From: Steve.Molmen@hawaii.gov [mailto:Steve.Molmen@hawaii.gov]
Sent: Thursday, December 18, 2014 4:19 PM
To: Woeck, Brita
Cc: William.Tam@hawaii.gov; Roy.Hardy@hawaii.gov
Subject: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i - additional comments

Dear Mr. Cutbirth,

Attached, please find additional comments on the subject project. Again, no hard copy will be sent.

Best regards,

Steve Molmen, Supervising Land Agent
Land Division
Department of Land and Natural Resources
State of Hawaii
1151 Punchbowl Street, Suite 220
Honolulu, HI 96809-0621
Tel.: (808) 587-0439
Fax: (808) 312-6357
Email: steve.molmen@hawaii.gov

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From: Steve Molmen/DLNR/StateHiUS
To: brita.woeck@tetratech.com
Date: 12/04/2014 03:54 PM
Subject: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i

---

Dear Mr. Cutbirth,

Attached, please find our comments on the subject project. No hard copy will be sent.

[attachment "DOC314.pdf" deleted by Steve Molmen/DLNR/StateHiUS]

Best regards,

Steve Molmen, Supervising Land Agent
Land Division
Department of Land and Natural Resources
State of Hawaii

1151 Punchbowl Street, Suite 220
Honolulu, HI 96809-0621
Tel.: (808) 587-0439
Fax: (808) 312-6357
Email: steve.molmen@hawaii.gov

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NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

December 4, 2014

Mr. Mike Cutbirth
c/o Tetra Tech, Inc.
737 Bishop St., Suite 2340, Mauka Tower
Honolulu, HI 96813

via email: brita.woeck@tetratech.com

Dear Mr. Cutbirth,

SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i

Thank you for the opportunity to review and comment on the subject matter. The Department of Land and Natural Resources' (DLNR) Land Division distributed or made available a copy of your report pertaining to the subject matter to DLNR Divisions for their review and comments.

At this time, enclosed are comments from (1) Land Division – Oahu District; (2) Office of Conservation & Coastal Lands; and (3) Engineering Division. No other comments were received as of our suspense date. Should you have any questions, please feel free to call Supervising Land Agent Steve Molmen at 587-0439. Thank you.

Sincerely,

Russell Y. Tsuji
Land Administrator

Enclosure(s)

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

November 13, 2014

MEMORANDUM

TO:

DLNR Agencies:
__Div. of Aquatic Resources
__Div. of Boating & Ocean Recreation
X Engineering Division
X Div. of Forestry & Wildlife
X Div. of State Parks
X Commission on Water Resource Management
X Office of Conservation & Coastal Lands
X Land Division – Oahu District
X Historic Preservation

FROM: Russell Y. Tsuji, Land Administrator

SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i

LOCATION: Kahuku, Koolauloa District, Oahu, Hawaii; Tax Map Keys: (1) 5-6-008:006 (portion); (1) 5-6-006: 018, 32, 33, 34, 35, 47, 48, 49, 50, 51, 52, 54, 55, 56 (portions); (1) 5-6-005:018 (portion)

APPLICANT: Na Pua Makani Power Partners, LLC, a wholly owned subsidiary of Champlin Hawaii Wind Holdings, LLC, by consultant Tetra Tech Inc.

Transmitted for your review and comment on the above-referenced document. If we have not provided you with one of the limited number bound documents, the document can be found here:

1. Go to: https://sp01.ld.dlnr.hawaii.gov/LD
2. Login: Username: LD\Visitor Password: 0pa$$word0 (first and last characters are zeros)
3. Click on: Requests for Comments
4. Click on the subject file "Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i" then click on "Files" and "Download a copy". ". (Any issues accessing the document should be directed to Jonathan Real, Applications/Systems Analyst at 587-0427 or Jonathan.C.Real@hawaii.gov)

We would appreciate your comments on this document. Please submit any comments by December 4, 2014. If no response is received by this date, we will assume your agency has no comments. If you have any questions about this request, please contact Supervising Land Agent Steve Molmen at (808) 587-0439. Thank you.

Attachments

( ) We have no objections.
( ) We have no comments.
( ) Comments are attached.

Signed: _____
Print Name: _____
Date: _____

REG 3

Comments:

At its meeting on August 8, 2008, under agenda item D-10, the Board approved in principle, the issuance of a direct lease to the applicant over TMK (1) 5-6-008:006. The proposed project now includes the addition of new TMK parcels for access purposes. Portions of TMK (1) 5-6-006 and (1) 5-6-005:018 have now been added into the proposed project.

Upon the finalization of the parcel/acreage/access roads, the applicant is required to provide a map and legal description of the State lands affected, as a part of the disposition process. The requested material is relevant to the final approval for the issuance of a direct lease, if appropriate, before the Land Board.

1A-15-80

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

RECEIVED
OFFICE OF CONSERVATION
AND COASTAL LANDS
2014 NOV 14 P 3:13

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

DEPT. OF LAND &
NATURAL RESOURCES
STATE OF HAWAII

November 13, 2014

MEMORANDUM

RECEIVED
LAND DIVISION
2014 NOV 17 AM 10:51
DEPT. OF LAND & NATURAL RESOURCES STATE OF HAWAII

TO: **DLNR Agencies:**
__Div. of Aquatic Resources
__Div. of Boating & Ocean Recreation
X Engineering Division
X Div. of Forestry & Wildlife
X Div. of State Parks
X Commission on Water Resource Management
X Office of Conservation & Coastal Lands
X Land Division – Oahu District
X Historic Preservation

FROM: Russell Y. Tsuji, Land Administrator
SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i
LOCATION: Kahuku, Koolauloa District, Oahu, Hawaii; Tax Map Keys: (1) 5-6-008:006 (portion); (1) 5-6-006: 018, 32, 33, 34, 35, 47, 48, 49, 50, 51, 52, 54, 55, 56 (portions); (1) 5-6-005:018 (portion)
APPLICANT: Na Pua Makani Power Partners, LLC, a wholly owned subsidiary of Champlin Hawaii Wind Holdings, LLC, by consultant Tetra Tech Inc.

Transmitted for your review and comment on the above-referenced document. If we have not provided you with one of the limited number bound documents, the document can be found here:

1. Go to: https://sp01.ld.dlnr.hawaii.gov/LD
2. Login: Username: LD\Visitor Password: 0pa$$word0 (first and last characters are zeros)
3. Click on: Requests for Comments
4. Click on the subject file "Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i" then click on "Files" and "Download a copy". ". (Any issues accessing the document should be directed to Jonathan Real, Applications/Systems Analyst at 587-0427 or Jonathan.C.Real@hawaii.gov)

We would appreciate your comments on this document. Please submit any comments by December 4, 2014. If no response is received by this date, we will assume your agency has no comments. If you have any questions about this request, please contact Supervising Land Agent Steve Molmen at (808) 587-0439. Thank you.

Attachments

( ) We have no objections.
(✓) We have no comments. * Not in Conservation
( ) Comments are attached.

Signed: A. Yasaka
Print Name: Lauren Yasaka
Date: 11/17/14

ACK

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

'14 NOV 14 PM 2:33 ENGINEERING

November 13, 2014

MEMORANDUM

RECEIVED LAND DIVISION 2014 NOV 26 PM 2:51 DEPT. OF LAND & NATURAL RESOURCES STATE OF HAWAII

TO: PR.

DLNR Agencies:
__Div. of Aquatic Resources
__Div. of Boating & Ocean Recreation
X Engineering Division
X Div. of Forestry & Wildlife
X Div. of State Parks
X Commission on Water Resource Management
X Office of Conservation & Coastal Lands
X Land Division – Oahu District
X Historic Preservation

FROM: Russell Y. Tsuji, Land Administrator
SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i
LOCATION: Kahuku, Koolauloa District, Oahu, Hawaii; Tax Map Keys: (1) 5-6-008:006 (portion); (1) 5-6-006: 018, 32, 33, 34, 35, 47, 48, 49, 50, 51, 52, 54, 55, 56 (portions); (1) 5-6-005:018 (portion)
APPLICANT: Na Pua Makani Power Partners, LLC, a wholly owned subsidiary of Champlin Hawaii Wind Holdings, LLC, by consultant Tetra Tech Inc.

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We would appreciate your comments on this document. Please submit any comments by December 4, 2014. If no response is received by this date, we will assume your agency has no comments. If you have any questions about this request, please contact Supervising Land Agent Steve Molmen at (808) 587-0439. Thank you.

Attachments

( ) We have no objections.
(✓) We have no additional comments.
( ) Comments are attached.

Signed: _____
Print Name: Carty S. Chang, Chief Engineer
Date: 11/20/14

ACK

DAVID Y. IGE
GOVERNOR OF HAWAII

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

JESSE K. SOUKI
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

December 17, 2014

Mr. Mike Cutbirth
c/o Tetra Tech, Inc.
737 Bishop St., Suite 2340, Mauka Tower
Honolulu, HI 96813

via email: brita.woeck@tetratech.com

Dear Mr. Cutbirth,

SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i

Thank you for the opportunity to review and comment on the subject matter. In addition to the comments sent to you dated December 4, 2014, enclosed are additional comments from the Commission on Water Resource Management on the subject matter. Should you have any questions, please feel free to call Supervising Land Agent Steve Molmen at (808) 587-0439. Thank you.

Sincerely,

Russell Y. Tsuji
Land Administrator

Enclosure(s)

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

November 13, 2014

MEMORANDUM

2014 DEC 17 PM 1:37
DEPT. OF LAND & NATURAL RESOURCES
STATE OF HAWAII

RECEIVED
LAND DIVISION

TO: **DLNR Agencies:**
__Div. of Aquatic Resources
__Div. of Boating & Ocean Recreation
X Engineering Division
X Div. of Forestry & Wildlife
X Div. of State Parks
X Commission on Water Resource Management
X Office of Conservation & Coastal Lands
X Land Division – Oahu District
X Historic Preservation

FROM: Russell Y. Tsuji, Land Administrator

SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawai`i

LOCATION: Kahuku, Koolauloa District, Oahu, Hawaii; Tax Map Keys: (1) 5-6-008:006 (portion); (1) 5-6-006: 018, 32, 33, 34, 35, 47, 48, 49, 50, 51, 52, 54, 55, 56 (portions); (1) 5-6-005:018 (portion)

APPLICANT: Na Pua Makani Power Partners, LLC, a wholly owned subsidiary of Champlin Hawaii Wind Holdings, LLC, by consultant Tetra Tech Inc.

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Attachments

( ) We have no objections.
( ) We have no comments.
(x) Comments are attached. (Please see January 15, 2014 comments attached).

Signed:
Print Name: WILLIAM M. TAM, Deputy Director
Date: December 17, 2014

FILE ID: RFD.3893.3
DOC ID: 11885

COPY

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

WILLIAM J. AILA, JR.
CHAIRPERSON

WILLIAM D. BALFOUR, JR.
KAMANA BEAMER
GARY L. GILL
MILTON D. PAVAO
JONATHAN STARR
TED YAMAMURA

WILLIAM M. TAM
DEPUTY DIRECTOR

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P.O. BOX 621
HONOLULU, HAWAII 96809

January 15, 2014

REF: RFD.3893.3

TO: Russell Tsuji, Administrator
Land Division

FROM: William M. Tam, Deputy Director
Commission on Water Resource Management

SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Farm Project, Kahuku, Hawaii

LOCATION: Kahuku, Hawaii
TMK NO.:

Thank you for the opportunity to review the subject document. The Commission on Water Resource Management (CWRM) is the agency responsible for administering the State Water Code (Code). Under the Code, all waters of the State are held in trust for the benefit of the citizens of the State, therefore, all water use is subject to legally protected water rights. CWRM strongly promotes the efficient use of Hawaii's water resources through conservation measures and appropriate resource management. For more information, please refer to the State Water Code, Chapter 174C, Hawaii Revised Statutes, and Hawaii Administrative Rules, Chapters 13-167 to 13-171. These documents are available via the Internet at http://www.hawaii.gov/dlnr/cwrm.

Our comments related to water resources are checked off below.

☐ 1. We recommend coordination with the county to incorporate this project into the county's Water Use and Development Plan. Please contact the respective Planning Department and/or Department of Water Supply for further information.

☐ 2. We recommend coordination with the Engineering Division of the State Department of Land and Natural Resources to incorporate this project into the State Water Projects Plan.

☐ 3. We recommend coordination with the Hawaii Department of Agriculture (HDOA) to incorporate the reclassification of agricultural zoned land and the redistribution of agricultural resources into the State's Agricultural Water Use and Development Plan (AWUDP). Please contact the HDOA for more information.

☒ 4. We recommend that water efficient fixtures be installed and water efficient practices implemented throughout the development to reduce the increased demand on the area's freshwater resources. Reducing the water usage of a home or building may earn credit towards Leadership in Energy and Environmental Design (LEED) certification. More information on LEED certification is available at http://www.usgbc.org/leed. A listing of fixtures certified by the EPA as having high water efficiency can be found at http://www.epa.gov/watersense/.

☒ 5. We recommend the use of best management practices (BMP) for stormwater management to minimize the impact of the project to the existing area's hydrology while maintaining on-site infiltration and preventing polluted runoff from storm events. Stormwater management BMPs may earn credit toward LEED certification. More information on stormwater BMPs can be found at http://hawaii.gov/dbedt/czm/initiative/lid.php.

☒ 6. We recommend the use of alternative water sources, wherever practicable.

☐ 7. We recommend participating in the Hawaii Green Business Program, that assists and recognizes businesses that strive to operate in an environmentally and socially responsible manner. The program description can be found online at http://energy.hawaii.gov/programs/achieving-efficiency/green-business-program

MIT 2

MIT 2

MIT 2

FILE ID: RFD.3893.3
DOC ID: 11416

DRF-IA 03/20/2013

MIT 2

☒ 8. We recommend adopting landscape irrigation conservation best management practices endorsed by the Landscape Industry Council of Hawaii. These practices can be found online at http://landscapehawaii.org/_library/documents/lich_irrigation_conservation_bmps.pdf

REG 3

☒ 9. There may be the potential for ground or surface water degradation/contamination and recommend that approvals for this project be conditioned upon a review by the State Department of Health and the developer's acceptance of any resulting requirements related to water quality.

Permits required by CWRM:
Additional information and forms are available at http://hawaii.gov/dlnr/cwrm/info_permits.htm.

REG 3

☒ 10. The proposed water supply source for the project is located in a designated water management area, and a Water Use Permit is required prior to use of water. The Water Use Permit may be conditioned on the requirement to use dual line water supply systems for new industrial and commercial developments.

☐ 11. A Well Construction Permit(s) is (are) required before any well construction work begins.

☐ 12. A Pump Installation Permit(s) is (are) required before ground water is developed as a source of supply for the project.

REG 3

☒ 13. There is (are) well(s) located on or adjacent to this project. If wells are not planned to be used and will be affected by any new construction, they must be properly abandoned and sealed. A permit for well abandonment must be obtained.

☐ 14. Ground water withdrawals from this project may affect streamflows, which may require an instream flow standard amendment.

REG 3

☒ 15. A Stream Channel Alteration Permit(s) is (are) required before any alteration(s) can be made to the bed and/or banks of a stream channel.

☐ 16. A Stream Diversion Works Permit(s) is (are) required before any stream diversion works is (are) constructed or altered.

☐ 17. A Petition to Amend the Interim Instream Flow Standard is required for any new or expanded diversion(s) of surface water.

☐ 18. The planned source of water for this project has not been identified in this report. Therefore, we cannot determine what permits or petitions are required from our office, or whether there are potential impacts to water resources.

WAT 1

☒ OTHER:
Projected potable and non-potable water demands and the calculations for these estimates should be disclosed. The proposed source of water supply should be identified.

REG 3

There are 8 existing wells in on TMK 5-6-006:018, 4 of which are used for agriculture. If the Wind Farm requires use from any of these or other well sources in the area then existing ground water use permits will need to be modified or new ground water use permits obtained.

If there are any questions, please contact Roy Hardy at 587-0225.

April 1, 2015 TTCES-4819-OUT-15-055

Michele K. Nekota
Director
Department of Parks & Recreation
City and County of Honolulu
1000 Uluohia Street, Suite 309
Kapolei, HI 96707

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Ms. Nekota,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

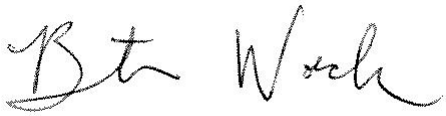
Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. As there were no issues raised in your submittal that fall within the scope of the EIS analysis, your letter has been coded as "Comment Acknowledged."

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

DEPARTMENT OF PARKS & RECREATION

CITY AND COUNTY OF HONOLULU

1000 Uluohia Street, Suite 309, Kapolei, Hawaii 96707
Phone: (808) 768-3003 • Fax: (808) 768-3053
Website: www.honolulu.gov

KIRK CALDWELL
MAYOR

MICHELE K. NEKOTA
DIRECTOR

JEANNE C. ISHIKAWA
DEPUTY DIRECTOR

December 17, 2014

Mr. Mike Cutbirth
C/O Tetra Tech, Inc.
737 Bishop Street, Suite 2340
Mauka Tower
Honolulu, Hawaii 96813

Dear Mr. Cutbirth:

SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Project, Kahuku, Hawaii

Thank you for the opportunity to review and comment on the EISPN for the subject project.

ACK

The Department of Parks and Recreation has no comment. As the proposed project will have no impact on any program or facility of the department, you may remove us a consulted party to the balance of the EIS process.

Should you have any questions, please contact Mr. John Reid, Planner at 768-3017.

Sincerely,

Michele K. Nekota
Director

MKN:jr
(587378)

April 1, 2015 TTCES-4819-OUT-15-056

Roger Pukahi
Colonel
Hawaii Army National Guard
55-101 Naupaka St
Laie, Hawaii 96762

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Col. Pukahi,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issue was raised in your submittal:

- Potential negative impacts to U.S. Army training facilities located adjacent to the wind farm site should be analyzed.

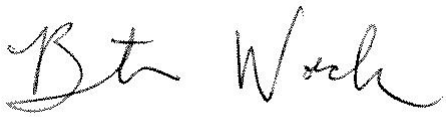
Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project. This topic will be considered and addressed in the Draft EIS as applicable in the appropriate resource sections.

As you are aware, we are engaging in ongoing coordination with the Department of Army.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

Woeck, Brita

From: Pukahi, Roger T COL USARMY NG HIARNG (US) <roger.t.pukahi.mil@mail.mil>
Sent: Wednesday, January 07, 2015 4:00 PM
To: Woeck, Brita
Subject: FW: SAAO: Kahuku Training Area Windfarm Mitigation Response Team (UNCLASSIFIED)
Attachments: SAAO: Kahuku Training Area Windfarm Mitigation Response Team (UNCLASSIFIED); Na Pua_Republished EISPN 10-24-14.pdf; Tetra Tech Letter 11-08-14.pdf

Importance: High

Aloha Brita,

I left a phone message regarding comments to the Wind Farm Projects.

I am COL Roger Pukahi, I am the State Army Aviation Officer for the Hawaii Army National Guard. The National Guard currently operates numerous helicopters from Wheeler AAF. Although our missions are similar to the 25th Combat Aviation Brigade, we have a unique responsibility to the citizens of Hawaii and as you know we provide numerous support by way of aviation to all Island's in the State.

LAN 3

The Hawaii Army National Guard (HIARNG) aviation program reaches back to the 1960's and have developed into the most modern National Guard aviation unit in the nation. Throughout all these years we have operated and trained in the Tactical Flight Training Area (TFTA) and Kahuku Training Area. We are aware of the current improvements in technology toward sustainability and applaud these efforts. However, the impact of building windmills along the ridgeline fronting the town of Kahuku (Project #1-5) directly impacts the TFTA and limits the amount of training area available to our aircrews. The TFTA provides HIARNG with the ability to conduct training in a controlled environment that mirrors wartime situations. It also provides us the opportunity to develop aircrews through a series of individual and collective tasks that support aircrew and unit readiness. Our ability to be ready, affords us the ability to respond to natural disaster, State emergencies and wartime response. It is important that we retain the ability to train in the areas with minimal impact from surrounding areas. This is the only designated aviation training area on the island of Oahu.

LAN 3

I ask that you consider the impacts to the Hawaii Army National Guard and provide a means to support our efforts to the State of Hawaii.

Please let me know if you have any questions or would like to discuss it further.

Thank you.

COL Roger Pukahi
(808) 230-5498

-----Original Message-----
From: Lloyd Maki [mailto:lmaki@dod.hawaii.gov]
Sent: Thursday, December 18, 2014 3:00 PM
To: Pukahi, Roger T COL USARMY NG HIARNG (US)
Cc: Neal Mitsuyoshi
Subject: FW: SAAO: Kahuku Training Area Windfarm Mitigation Response Team (UNCLASSIFIED)
Importance: High

April 1, 2015 TTCES-4819-OUT-15-057

Ross S. Sasamura, P.E.
Director and Chief Engineer
Department of Facility Maintenance
City and County of Honolulu
1000 Uluohia Street, Suite 215
Kapolei, HI 96707

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments, DRM 14-1013

Dear Mr. Sasamura,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

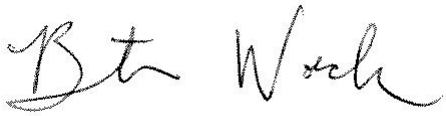
Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. As there were no issues raised in your submittal that fall within the scope of the EIS analysis, your letter has been coded as "Comment Acknowledged."

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

DEPARTMENT OF FACILITY MAINTENANCE

CITY AND COUNTY OF HONOLULU

1000 Ulu'ohia Street, Suite 215, Kapolei, Hawaii 96707
Phone: (808) 768-3343 • Fax: (808) 768-3381
Website: www.honolulu.gov

KIRK CALDWELL
MAYOR

ROSS S. SASAMURA, P.E.
DIRECTOR AND CHIEF ENGINEER

EDUARDO P. MANGLALLAN
DEPUTY DIRECTOR

IN REPLY REFER TO:
DRM 14-1013

November 20, 2014

Mr. Mike Cutbirth
c/o Tetra Tech, Inc.
737 Bishop Street, Suite 2340, Mauka Tower
Honolulu, Hawaii 96813

Dear Mr. Cutbirth:

SUBJECT: Public Release of Environmental Impact Statement Preparation Notice (EISPN) for the Na Pua Makani Wind Project, Kahuku, Hawaii

ACK

Thank you for the opportunity to review and comment on the subject project. We have no comments. The City does not have any facilities or easements on the subject property.

If you have any questions, please call Mr. Kyle Oyasato of the Division of Road Maintenance at 768-3697.

Sincerely,

Ross S. Sasamura, P.E.
Director and Chief Engineer

April 1, 2015 TTCES-4819-OUT-15-058

Dean H. Seki
Comptroller
Department of Accounting and General Services
State of Hawaii
P.O. Box 119
Honolulu, HI 96810-0119

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Seki,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

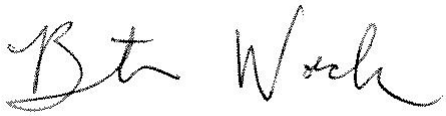
Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. As there were no issues raised in your submittal that fall within the scope of the EIS analysis, your letter has been coded as "Comment Acknowledged."

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

NEIL ABERCROMBIE
GOVERNOR

Dean H. Seki
Comptroller

Maria E. Zielinski
Deputy Comptroller

STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810-0119

(P)1353.4

NOV 18 2014

Ms. Brita Woeck
Tetra Tech, Inc.
737 Bishop Street, Suite 2340
Mauka Tower
Honolulu, Hawaii 96813

Dear Ms. Woeck:

Subject: Draft Environmental Impact Statement Preparation Notice
Na Pua Makani Wind Project, Kahuku, Hawaii

ACK

Thank you for the opportunity to provide comments for the subject project. This project does not impact any of the Department of Accounting and General Services' projects or existing facilities in this area, and we have no comments to offer at this time.

If you have any questions, please call me at 586-0400, or your staff may call Mr. Alva Nakamura of the Public Works Division at 586-0488.

Sincerely,

DEAN H. SEKI
Comptroller

c: Mr. Mike Cutbirth, Champlin Hawaii Wind Holdings, LLC
Mr. Russell Tsuji, DLNR Land Div

April 1, 2015 TTCES-4819-OUT-15-059

Gordon Wong
Honolulu Airports District Office
Federal Aviation Administration
P.O. Box 50244
Honolulu, HI 96850-0001

RE: Na Pua Makani Wind Project Environmental Impact Statement Scoping Comments

Dear Mr. Wong,

Thank you for providing comments on the Na Pua Makani Wind Project (Project) during the public scoping period. We received your written comments. Every letter from the public was read thoroughly, and substantive comments were grouped into general issue categories. In response to the comments made in each letter, summary statements were then created to identify the overarching issues that were raised during the scoping period from all commenters. Your comments have been coded to correspond to an issue category and a summary statement. These overarching issues identified during the scoping period helped identify a reasonable range of alternatives that met the purpose and need of the Project and considered a full spectrum of positions expressed by participants in the scoping process. The issue categories identified during scoping will be evaluated in the analysis of potential effects of the Proposed Action and alternatives.

Your comment submission is attached to this letter, along with the issue categories and summary statements so that you can view the complete list of issues that were raised. The following issue was raised in your submittal:

- The Project must be in compliance with all federal, state, and county regulations, plans, and policies, including obtaining applicable federal, state, and county permits.

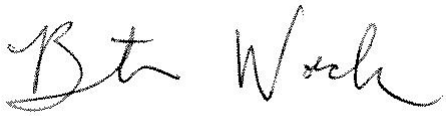
Information related to the proposed Project's FAA determination will be corrected and updated in the Draft EIS.

Tetra Tech, Inc.
1750 Harbor Way, Suite 400, Portland, OR 97201
Tel 503.221.8636 Fax 503.227.1287 www.tetratech.com

We appreciate you taking the time during the public scoping period to provide feedback about the Project.

If you have any questions, please do not hesitate to contact me at 425.482.7645 or Brita.Woeck@tetratech.com.

Sincerely,
Tetra Tech Inc.



Brita Woeck
Project Manager, Na Pua Makani Wind Project EIS

cc: Mike Cutbirth, Na Pua Makani Power Partners, LLC
Alicia Oller, Tetra Tech, Inc.

Woeck, Brita

From: Gordon.Wong@faa.gov
Sent: Monday, November 10, 2014 4:41 PM
To: Woeck, Brita
Cc: kimberly.k.evans@hawaii.gov; lynn.becones@hawaii.gov; Lynette.Kawaoka@hawaii.gov
Subject: EIS - Na Pua Makani Wind Project (FAA COMMENT)

We have reviewed the EIS Preparation Notice dated November 2014 for the Na Pua Makani Wind Project and offer the following comment:

REG 3

1. Page 8, Table 2, states FAA "Determination of No Hazard issued 03/04/2014 and 10/17/2014." To clarify, the FAA has not issued a no hazard determination on the subject airspace cases yet. Those dates (03/04/2014 and 10/17/2014) are merely the dates the information/data was provided to the FAA. A determination on the cases has not been issued yet.

Gordon Wong
FAA Honolulu Airports District Office
Tel: 808-541-3565
Fax: 808-541-3566